RDC

PROGRAM AND COURSE GUIDE

2014 | 2015

program and course guide
2014 - 2015

learning philosophy

Our commitment to learners and learning is at the heart of Red Deer College and this is reflected in our values of accountability, inclusiveness, exploration, excellence, integrity and community.

We believe in fostering intellectually rigorous, professionally relevant, and dynamic learning environments of inquiry, exploration, application and creativity. We ensure accessibility to multiple pathways of formal and informal learning through active engagement, facilitated learning processes, and scholarly excellence. We value learning because it empowers our learners to be highly productive in the work force and within our communities. We honour the intrinsic value of learning in supporting self development, growth and fulfillment in the individual learner. We promote positive lifelong learning habits and attitudes that embrace local, national, and global experiences, issues and perspectives.

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2014-2015 PROGRAM AND COURSE GUIDE

The Web version is the official Academic Calendar of Red Deer College. The Calendar and timetable set forth the intention of the College, at the time of publication, with respect to all matters contained therein. The College reserves the right, at any time, to make whatever changes are necessary, including the cancellation of particular courses, in order to serve the best interests of the College, or because of circumstances or occurrences beyond the College's control. The College expressly denies responsibility or liability to any person or persons who may suffer loss or who may be otherwise adversely affected by such.

welcome to RDC

Joel Ward
President

For more than 50 years Red Deer College has attracted learners destined for successful lives and rewarding careers. Offering over 75 different programs, RDC prepares learners for real world success by equipping them with the knowledge and skills needed to stand out in today's competitive job market.

From skilled trades and certificate programs to diplomas and degrees, RDC offers the education and training you need to elevate your life and career to the next level.

Whether your interest lies in Business, Visual Arts, Trades and Technology, Education, Motion Picture Arts, or anything in between, RDC has a program that fits your passion. We offer the option of studying on site at one of our exceptional Red Deer campuses, as well as an extensive offering of programs and courses available online.

The learners at RDC come from all walks of life and foster an environment that is both dynamic and unique. Regardless of where you are in your life or career, you will find a path to success at RDC. We encourage you to get active in the community and explore regular opportunities to put your learning into practice.

Learning at RDC is focused on providing relevant and practical experiences that lead to good jobs and rewarding careers. Our instructors are leaders in their disciplines and ensure the delivery of exceptional learning experiences.

RDC is constantly looking for ways to offer new programs to ensure that learners have access to the specific, focused training that will enable success in emerging disciplines. This year RDC plans to offer a post-graduate certificate in International Business, the first of its kind to be offered in the province.

At RDC we provide experiences that enable our learners to go after their dream jobs and launch rewarding careers. More than 94% of our learners find employment within six to nine months of completing their program.

Regardless of the path you choose, RDC is committed to eliminating financial barriers to your academic success. Through a wide range of scholarships, bursaries and awards almost one in seven RDC students receive financial assistance. . . Last year RDC proudly awarded 812 scholarships totaling almost $725,000 to students. A full list of our available awards and an online awards application can be found by visiting www.rdc.ab.ca.

Recognized by *Alberta Venture* as one of the Top 25 Most Innovative Organizations in Alberta, RDC offers a mix of technology and services that supports learners and ensures your time on campus is both fun and productive. In addition to academic pursuits we encourage you to take part in our winning Athletics programs, creative Arts performances, and exciting student events offered throughout the year. Regardless of your passion RDC offers a safe, inclusive campus where you'll fit right in!

Since our founding in 1964 we have been committed to putting learners first and offering incredible programs in exceptional spaces. On behalf of everyone at Red Deer College I invite you to become a part of our community and see how RDC can help you find your way to success.

When you get here you'll understand.

Academic Schedule - 2014-2015

July 2014						
S	M	T	W	T	F	S
		1	2	3	**4**	5
6	7	8	**9**	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

1 Canada Day. College closed.
Fifty-first College year begins.
4 Last day to apply for supplemental exams for Spring term.
9 Supplemental exams for Spring term written.

August 2014						
S	M	T	W	T	F	S
					1	2
3	**4**	5	6	7	**8**	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	**27**	28	29	30
31						

1 First day to apply for Spring term 2015.
4 Civic Holiday. College closed.
8 **Fees for Fall term and Full year courses are due. Registration will be cancelled if fees are not paid.**
27 Last day of course waitlist for Fall term

September 2014						
S	M	T	W	T	F	S
	1	**2**	**3**	4	**5**	6
7	8	9	**10**	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

1 Labour Day. College closed
2 New Student Orientation
3 First day of classes for Fall term.
5 Last day to apply for Fall term 2014
10 **Last day to register or add/drop Fall term or Full year courses. Last day to have tuition refunded for Fall term or Full year courses**

January 2015						
S	M	T	W	T	F	S
				1	**2**	3
4	**5**	6	**7**	8	**9**	10
11	**12**	13	14	15	16	**17**
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1 New Year's Day. College closed.
2 College open. No credit classes
5 First day of classes for Winter term.
Mid term feedback date. Instructors give students formal feedback on their academic standing in Full year courses.
7 Last day to apply for Winter term 2015
9 **Last day to pay fees for Winter term. Registration will be cancelled if fees are not paid.**
12 Last day to register or add/drop Winter term courses.
Last day to have tuition refunded for Winter term courses.
Last day to apply for supplemental exam for Fall term.
17 Supplemental exams for Fall term written.

February 2015						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	**16**	**17**	**18**	**19**	**20**	21
22	**23**	24	25	26	27	28

16 Family Day. College closed
17-20 Mid-term break
23 Credit classes resume after mid-term break

March 2015						
S	M	T	W	T	F	S
1	2	**3**	**4**	5	6	7
8	9	10	11	12	**13**	14
15	**16**	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

3 Emergency Response Day.
4 Mid term feedback. Instructors give students formal feedback on their academic standing in Winter term courses.
13 Final exam schedule posted.
16 Continuing student registration begins.

Some programs may have courses which begin earlier or later than the dates indicated below. Some programs such as Nursing use partial semesters labelled Fall 1, Fall 2, etc. Apprenticeship programs do not follow the academic schedule other than for statutory holidays. Please refer to specific programs or course descriptions for further information.

October 2014

S	M	T	W	T	F	S
			1	2	3	4
5	6	**7**	8	9	10	11
12	**13**	14	15	16	17	18
19	20	21	22	23	**24**	25
26	27	28	29	30	31	

1 First day to apply for Fall term 2015
7 Emergency Response Day
13 Thanksgiving Day. College closed.
24 Mid term feedback date. Instructors give students formal feedback on their academic standing in Fall term courses.

November 2014

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	**10**	**11**	**12**	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

10 Final exam schedule posted
College open. No credit classes
11 Remembrance Day. College closed
12 Classes resume

December 2014

S	M	T	W	T	F	S
	1	2	**3**	4	5	6
7	**8**	9	10	11	12	**13**
14	15	**16**	17	18	**19**	20
21	**22**	23	**24**	**25**	**26**	**27**
28	**29**	**30**	**31**			

3 Last day of classes for Fall term courses.
Last day to withdraw from Fall term courses and receive a WD.
8 First day of final exams for Fall term courses.
13 Last day of final exams for Fall term courses.
16 Deferred exams written.
19 Last day for submission of final grades for Fall term courses.
22 Final grades available.
Last day of course waitlist for Winter term
24 College closes at noon
25 -31 College closed.

April 2015

S	M	T	W	T	F	S
			1	2	**3**	4
5	6	7	8	9	**10**	11
12	13	14	**15**	16	17	18
19	20	**21**	22	**23**	24	25
26	**27**	28	**29**	30		

1 First day to apply for Winter term 2016.
3 Good Friday. College closed
10 Last day of classes for Full year and Winter term courses.
Last day to withdraw from Full year and Winter term courses and receive a WD.
15 First day of Final Exams for Full year and Winter term courses.
21 Last day of Final Exams for Full year and Winter term courses.
23 Deferred Exams written.
Last day of course waitlist for Spring term
27 Last day for submission of final grades for Winter term courses.
29 Final grades available.

May 2015

S	M	T	W	T	F	S
					1	2
3	4	**5**	6	7	**8**	**9**
10	11	12	13	14	15	16
17	**18**	19	**20**	21	22	23
24	25	26	27	28	29	30
31						

1 First day of classes for Spring term.
Last day to pay fees for Spring term. Registration will be cancelled if fees are not paid.
5 Last day to apply for Supplemental Exams for Winter.
Last day to apply for Spring term 2015
8 Last day to register or add/drop courses for Spring Term.
Last day to have tuition refunded for Spring Term courses.
9 Supplemental exams for Winter term written
18 Victoria Day. College closed.
20 Final exam schedule posted.
Mid term feedback date. Instructors give students formal feedback on their academic standing in Spring term courses.

June 2015

S	M	T	W	T	F	S
	1	2	3	4	**5**	6
7	8	9	10	11	12	13
14	15	16	**17**	18	19	**20**
21	22	23	**24**	25	**26**	**27**
28	29	**30**				

5 Convocation
17 Last day of classes for Spring term courses.
Last day to withdraw from Spring term courses and receive a WD.
20 First day of Final Exams for Spring term courses.
24 Last day of Final Exams for Spring term courses.
26 Deferred exams written.
27-28 Annual Power Shutdown
30 Final grades available
College Year ends.

Academic Schedule - 2015-2016

July 2015						
S	M	T	W	T	F	S
			1	**2**	**3**	4
5	6	7	**8**	9	10	**11**
12	13	14	15	16	17	18
19	20	21	22	23	**24**	25
26	27	28	29	30	31	1

1 Canada Day. College closed.
Fifty-second College year begins.
2 First day of classes for Summer term.
3 Last day to apply for supplemental exams for Spring term.
8 Last day to register, add or drop Summer term courses.
11 Supplemental Exams for Spring term written.
24 Mid term feedback for Summer term.

August 2015						
S	M	T	W	T	F	S
2	**3**	4	5	6	7	8
9	10	11	12	13	**14**	15
16	17	18	**19**	20	21	**22**
23	24	**25**	26	**27**	28	29
30	31					

3 First day to apply for Spring term2016
Heritage Day. College closed.
14 **Tuition Fees for Fall term and Full year courses due.**
Registration will be cancelled if tuition is not paid.
19 Last day of classes for Summer term.
Last day to withdraw from Summer term courses and receive a WD.
22 First Day of Final Exams for Summer term.
25 Last day of Final Exams for Summer term.
27 Deferred Exams written.

September 2015						
S	M	T	W	T	F	S
		1	**2**	3	4	5
6	**7**	**8**	**9**	**10**	11	12
13	**14**	**15**	**16**	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

1 Last day for submission of final grades for Summer term courses.
2 Final grades available.
Last day of course waitlist for Fall term
7 Labour Day. College closed.
8 New Student Orientation.
9 First day of classes for Fall term.
10 Last day to apply for Supplemental Exams for Summer term.
14 Last day to register, add or drop Fall 1 term courses.
Last day to apply for Fall term 2015.
15 Supplemental Exams for Summer term written.
16 Last day to register, add or drop Fall term or Full year courses.
Last day for tuition refund.

January 2016						
S	M	T	W	T	F	S
					1	2
3	**4**	**5**	6	**7**	8	9
10	**11**	12	13	14	15	**16**
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

1 New Year's Day. College closed.
4 College Open. No Credit classes.
5 First day of classes for Winter term.
Tuition Fees for Winter term due.
Registration will be cancelled if tuition is not paid.
Mid term feedback Full term courses.
7 Last day to apply for Winter 2016.
Last day to apply for Supplemental Exams Fall term.
Last day to register, add or drop Winter 1 term courses.
11 Last day to register, add or drop Winter term courses.
Last day for tuition refund.
16 Supplemental Exams for Fall term written.

February 2016						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	**12**	13
14	**15**	**16**	**17**	**18**	**19**	20
21	**22**	**23**	24	25	**26**	27
28	29					

12 Last day of classes for Winter 1 term courses.
Last day to withdraw from Winter 1 term courses and receive a WD.
15 Family Day. College closed.
16-19 Mid term break.
22 Credit classes resume.
Final exams for Winter 1 term courses.
23 First day of classes for Winter 2 term courses.
26 Last day to register, add, drop Winter 2 term courses.

March 2016						
S	M	T	W	T	F	S
		1	2	3	4	5
6	**7**	8	9	10	11	12
13	**14**	15	16	17	18	19
20	**21**	22	23	24	**25**	26
27	28	29	30	31		

1 Emergency Response Day.
7 Mid Term feedback Winter term.
14 Final Exam Schedule posted.
21 Continuing Student Registration opens.
25 Good Friday. College closed.

Some programs may have courses which begin earlier or later than the dates indicated below. Some programs such as Nursing use partial semesters labelled Fall 1, Fall 2, etc. Apprenticeship programs do not follow the academic schedule other than for statutory holidays. Please refer to specific programs or course descriptions for further information.

October 2015

S	M	T	W	T	F	S
				1	2	3
4	5	**6**	7	8	9	10
11	**12**	13	14	15	16	17
18	19	20	21	**22**	23	24
25	**26**	**27**	**28**	29	**30**	31

1 First day to apply for Fall term 2016.
6 Emergency Response Day.
12 Thanksgiving Day. College closed.
22 Last day of classes for Fall 1 term.
Last day to withdraw from Fall 1 term courses and receive a WD.
26 Final Exams for Fall 1 term.
27 First day of classes for Fall 2 term.
28 Mid term feedback Fall term.
30 Last day to register, add or drop Fall 2 term courses.

November 2015

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	**11**	**12**	**13**	14
15	**16**	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

11 Remembrance Day. College closed.
12 College open. No credit classes.
13 College open. No credit classes.
Final Exam Schedule posted.
16 Credit classes resume.

December 2015

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	**10**	11	12
13	**14**	15	16	17	18	**19**
20	**21**	22	**23**	**24**	**25**	**26**
27	**28**	**29**	**30**	**31**		

10 Last day of classes for Fall term courses.
Last day to withdraw from Fall 2 term courses and receive a WD.
Last day to withdraw from Fall term courses and received a WD.
14 First day of Final Exams for Fall term courses.
19 Last day of Final Exams for Fall term courses.
21 Deferred Exams written.
Last day of course waitlist for Winter term
23 Last day for submission of final grades for Fall term courses.
24 Final grades available.
College closed at noon.
25-31 College closed.

April 2016

S	M	T	W	T	F	S
					1	2
3	**4**	5	6	7	8	9
10	**11**	12	13	14	15	**16**
17	18	19	20	21	**22**	23
24	25	**26**	**27**	28	**29**	**30**

1 First day to apply for Winter term 2017.
4 New Student Registration opens.
11 Last day of classes for full year and Winter Term courses.
Last day to withdraw from Full year, Winter and Winter 2 term courses and receive a WD.
16 First day of Final Exams.
22 Last day of Final Exams.
26 Last day of course waitlist for Spring term
27 Deferred Exams written.
29 Last day for submission of final grades for Winter term courses.
30 Final grades available.

May 2016

S	M	T	W	T	F	S
1	**2**	3	**4**	5	**6**	7
8	9	10	**11**	12	13	**14**
15	16	17	18	19	20	21
22	**23**	24	25	**26**	27	28
29	30	31				

2 First day of classes for Spring term.
Tuition Fees for Spring term due. Registration will be cancelled if tuition is not paid.
4 Last day to apply for Spring term 2016.
6 Last day to apply for Supplemental Exams Winter term.
Last day to register, add or drop Spring term courses.
Last day for tuition refund.
14 Supplemental Exams for Winter term written.
23 Victoria Day. College closed.
26 Mid term Feedback Spring term.

June 2016

S	M	T	W	T	F	S
			1	2	**3**	4
5	6	7	8	9	10	11
12	13	14	15	**16**	17	18
19	**20**	21	22	**23**	24	**25**
26	**27**	28	**29**	**30**		

3 Convocation
16 Last day of classes for Spring term courses.
Last day to Withdraw from Spring term courses and receive a WD.
20 First day of Final Exams for Spring term courses.
23 Last day of Final Exams for Spring term.
25-26 Annual Power Shutdown.
27 Deferred Exams written.
29 Last day to submit final grades.
30 Final grades available.
College year ends.

Admission

Information and Advice
Contact the Registrar's Office for information or an appointment.
Phone: 403.342.3400
Toll-free: 1.888.732.4630
Email: admissions@rdc.ab.ca

Policy on Admission to Credit Programs

RDC gives fair consideration to all who apply for admission. Each program has specific admission requirements. These are approved by Academic Council.

You should apply and complete your admission file at the earliest possible date. It is to your advantage to apply as early as possible since most programs can accommodate only a limited number of students and the College may stop accepting applications at any time.

Note: Bachelor of Science Nursing admission is offered based on GPA ranking.

Admission Categories
You may apply as one of the following:

Regular Student
You are able to meet the regular admission requirements for the program. (See the program section of this guide.) The regular admission requirements may include:
- Suitable courses, grades, and averages.
- Tests, auditions, portfolios, or other approved criteria.

Courses taken at other educational institutions will be evaluated for equivalence.

Mature Student
You must be 19 years of age or older and you must be out of school for at least one full year before the program starts. Admission under this category is not automatic. Check the specific admission requirements for the program you want to enter.

Unclassified Student
You may take a maximum of two courses per term without presenting documents. Prerequisites for courses must be presented.

Visiting Student
You must present approval from another accredited institution to take a course(s) at RDC. Your home institution will determine admission requirements

High School Student
If you have successfully completed at least one 30-level course and submit a letter from your school indicating you are currently enrolled in high school you will be eligible for admission into Open Studies on the recommendation of a Red Deer College Advisor.

Admission Requirements

Admission requirements for each college program are listed in the program sections of this Credit Programs and Courses Guide.

Alberta Grade 12 Course Groups
Admission requirements for specific programs will often refer to Alberta Grade 12 course groups. These groups are:

Group A (Humanities)
1. English Language Arts (ELA) 30-1
2. Social Studies 30 (Etudes Social)
3. Language (other than English) at the 30 level
4. Additional Language (other than English) at the 30 level
5. Francais 30 or FLA 30
6. Aboriginal Studies 30

Group B (Fine Arts)
1. Art 30
2. Art 31
3. Applied Graphic Arts 35
4. Communication Technology Advanced Level, Career and Technology Studies (CTS) (5 credits)
5. Dance 35
6. Drama 30
7. Music 30 (Choral, Instrumental or General (5 credits)
8. Music 35
9. Musical Theatre 35
10. Performing Arts 35A, 35B, or 35C

Group C (Sciences)
1. Biology 30
2. Chemistry 30
3. Mathematics 30-1 or 30-2
4. Mathematics 31
5. Physics 30
6. Science 30
7. Computer Science (CSE) Advanced Level, Career and Technology Studies (CTS) (5 credits)

Group D (Optional Subjects)
5 credits at the 30, 33 or 35 level (Grade 12)

Note: May also include two three-credit Alberta grade 12 subjects (Excluding Special Projects 30) or five credits in Advanced Series Career and Technology (CTS) courses.

Note: Math 30-2 and Social Studies 30-2 are considered Group D subjects, as long as a higher level in the same subject is not also used for admission. For example, if Math 30-1 is used to satisfy the Group C requirement Math 30-2 can't be used to satisfy a Group D requirement.

RDC Career and Academic Preparation (CAP) courses and upgrading courses from other colleges are equivalent to Alberta high school diploma courses for admission purposes.

Alberta Education Courses Used For Admission and Prerequisite

Alberta Education Course Name	RDC CAP Course Name
Accounting 10/20	Accounting 075
Biology 10/20	Biology 075
Biology 30	Biology 095
Chemistry 10/20	Chemistry 075
Chemistry 30	Chemistry 095
Computing 20	Computing 085
ELA 10-1/ELA 20-2	English 075
ELA 30-1	English 095
ELA 30-2	English 090
French 10/20	French 101
French 30	French 102
Math 10C	Math 75
Math 20-2	Math 85
Math 20-1	Math 85
Math 30-2	Math 92
Math 30-1	Math 96
Math 31	Math 97
Physics 10/20	Physics 075
Physics 30	Physics 095
Social Studies 13	No equivalent
Social Studies 23	No equivalent
Social Studies 30	Social Studies 095
Social Studies 33	Social Studies 090
Spanish 10/20	Spanish 101
Spanish 30	Spanish 102

CAP - Alberta Education Grade Comparison

Note: This grade comparison does not represent grade conversions made by RDC instructors when grades are assigned. It is a statement of competence equivalency between Career and Academic Preparation Program and Alberta Education courses and is used for admission purposes only.

Alberta Education %	CAP gpa	CAP
100 - 90	4.00	A, A+
89	3.95	
88	3.90	
87	3.85	
86	3.80	
85	3.75	
84	3.70	A–
83	3.63	
82	3.56	
81	3.50	
80	3.43	
79	3.37	
78	3.30	B+
77	3.23	
76	3.15	
75	3.08	
74	3.00	B
73	2.93	
72	2.85	
71	2.78	
70	2.70	B–
69	2.60	
68	2.50	
67	2.40	
66	2.30	C+
65	2.23	
64	2.15	
63	2.08	
62	2.00	C
61	1.93	
60	1.85	
59	1.78	
58	1.70	C–
57	1.60	
56	1.50	
55	1.40	
54	1.30	D+
53	1.23	
52	1.15	
51	1.08	
50	1.00	D
0-49	0.00	F

Credentials from Other Provinces and Countries

If you are from another province or country, you must have courses comparable to those of Alberta applicants. Contact the Registrar's Office for information on specific requirements.

English Language Proficiency Requirement (ELP)

Applicants whose first language is not English must demonstrate English Language Proficiency for admission to credit programs by presenting evidence of one of the following:

1. Successful completion of three years of full-time education in English:
   - Secondary and post-secondary education completed within Canada including the grade 12 year.
   - Education in another country (hyperlink chart) where English is recognized as an official language of instruction.
   - Education at a recognized school or institution which uses English as the primary language of instruction.
2. Successful completion of the equivalent of three years of full-time instruction in a school or institution in Canada where primary or official language of instruction was not English, but where the level of English proficiency required for graduation is equivalent to that in English language secondary schools or post-secondary institutions in Canada.
3. Completion of English Language Arts 30-1 or equivalent with a minimum grade of 60%.
4. Successful completion of :
   TOEFL minimum score of 550 paper based, or 213 computer based, or 80 (*91) internet based.
   OR
   IELTS minimum score of 6.5 (*6.5) overall, with at least 5.5 (*6.0) on each band score. You must take the Academic level of the IELTS test for admission purposes. See Calgary's only Official Test Centre for more information.
   OR
   CAEL minimum score of 60 overall, with at least 60 on each band score.
   OR
   MELAB minimum score of 77 (*81) overall, with at least 72 (*78) on each band score.

Note: Applicants applying to the Career and Academic Preparation or English as a Second Language Program are not required to demonstrate English language proficiency at the levels noted for credit programs. Placement assessments are used for admission to these programs. Equivalent English Language Arts 30-1 courses are available through the Career and Academic Preparation program.

Note: Applicants must also meet all other program admission requirements including the English course and minimum grade required for the program. Enrolment in English as a Second Language (ESL) course or programs will not be included in the calculation of three years of full time study. Enrolment must be in a regular high school or post-secondary credit program.

Note: Applicants to the Pharmacy Technician Program will be required to meet higher English language proficiency scores for TOEFL, IELTS and MELAB tests as noted above. See Language Proficiency Requirements.

Enrolment Quotas and Limits

Many RDC programs and courses have limited enrollment, and fill quickly due to a high number of applications.

Home School Applicant

RDC recognizes that students learn and acquire knowledge in a variety of settings. Nonetheless, this learning needs to be measured. Applicants must meet competence equivalency for the prerequisite courses required for admission to the specific program.

An applicant, who has completed a Home Education Program, may qualify for admission in two ways:

1. Apply for Career and Academic Preparation and complete an assessment.
2. Successfully pass Alberta Education Diploma Exams or other provincial education equivalents.

Residency Requirement

In order to qualify for an RDC program credential, students must complete 25% of the credit requirements for the credential through enrollment in RDC courses. Please note that some RDC programs may have a different residency requirement.

Apply to RDC

You may apply online through Apply Alberta (see below) or complete a printed application form. This application will replace any previous application(s) you submitted. Youíll be considered only for the program indicated on the most recent application submitted. Application forms will not be processed until the application fee has been received.

Note: If you are an apprenticeship student, you must first be registered with Alberta Apprenticeship and Industry Training and then may enrol in technical training by calling 403.342.3100.

Note: If you are a current RDC student and want to change your program for the following term or year, you can submit a Change of Program application online through TheLoop account or submit a printed form in person at the Registrarís Office. There is no application fee for this process.

Application Fees
See the Fees section.

When To Apply
We continue accepting applications until the program is full or until the end of the first week of classes. Students are admitted on a first come first serve basis. Therefore, it is better to get your application in sooner rather than later. Applications are accepted according to the dates published in the Academic Schedule.

Opening day for applications:

Term	Month	Day
Fall	October	1
Winter	April	1
Spring	August	1

Applications will be processed on the first business day following these dates.

Note: International applicants have different deadlines and requirements. See International Admissions on the RDC website for more information.

Transcripts
Official high school and/or post-secondary transcripts are required to finalize admission decisions. Official means that it is sent to us directly from the educational institution or provincial government department. For applicants with courses completed in Alberta, we will order your official transcripts for you.

For applicants with courses completed outside of Alberta, you will be required to request them directly from the issuing source and/or educational institution. See the RDC website for more information about ordering transcripts from other provinces.

Note: All documents submitted become the property of the College. They are not returned to you.

Note: If you are still in high school or from out of province, please declare your grade 12 courses on the application so we can make an initial decision regarding your admission.

Applicants with International Transcripts
International transcripts may need to be assessed by IQAS (International Qualifications Assessment Services). If thatís the case, you might be charged an assessment fee. See the International Admissions on the RDC website for more information including whether or not your transcript can be assessed by RDC or will require IQAS assessment.

Submitting a New Application Online (credit card required):
You can submit an online application to RDC through Apply Alberta, the Alberta Post-Secondary Application System (www.applyalberta.ca). This online application process makes it easy for you to apply for admission and if you attended high school or post-secondary in Alberta, your transcripts will automatically be sent electronically to RDC at no cost to you.

Submitting a New Paper Application (credit card required or pay in person):
You can submit a paper application by mail, fax or in person. Please note that applications are not processed until payment is received. Payment may be made in the following ways depending on how you send the application.

Method of submission	Form of payment
Fax to 403.357.3660	American Express, Mastercard, Visa
Mail to Red Deer College 100 College Blvd Box 5005 Red Deer, AB T4N 5H5	American Express, Mastercard, Visa, Cheque
In person	American Express, Mastercard, Visa, Cheque or cash

Readmission
You must reapply if:
- You are accepted and do not attend, or
- You completely withdraw from a program, or
- You leave the College for one term or more (Spring/Summer excluded).

Current admission policy will apply in most cases.

Application Processing

Response Letters to Applications
You will be advised by mail as to which documents are needed to complete your application. A Conditional Offer of Admission is given if:
- Your application form shows that you have completed or are completing the program admission requirements.
- You submit official documents (such as final transcripts) before the program begins.

Note: Acceptance may be cancelled if these documents are not received by stated deadlines.

Wait Lists
If you qualify for admission after the program has filled, you will be placed on a wait list. You will be advised if space becomes available.

If you are on a wait list when the program starts, you may stay on the wait list for admission to the next available term. All admission requirements and documents MUST be provided before you will be considered for the next available term.

If the program for which you are waitlisted has been declared oversubscribed, you will be given an opportunity to indicate that you wish to be considered for the next intake.

Clear Admission
Clear admission will be offered when all final documents have been received, showing you have met all program admission requirements.

Deferring Your Acceptance for Admission
You can defer your acceptance once if you are unable to attend because of special circumstances. You must inform the Registrar's Office in writing if you wish to defer acceptance.

Cancelling Your Program
If, for any reason, you cannot attend the program to which you were admitted, please notify us of your intention to cancel your admission. To do so, you can e-mail us at admissions@rdc.ab.ca or phone us 403.342.3400.

Test and Interview Results
Test and interview results will be kept confidential according to College policy and the Freedom of Information and Protection of Privacy Act. You may ask the Registrar for results of tests given by the College for admission purposes. If you have been rejected on the basis of interviews, you can ask for the rationale for rejection from the program Chairperson.

Choosing Another Program
If you are not admitted into the program of your choice, you will be told the reason and offered assistance in choosing another program.

Refusal of Admission
The College reserves the right to refuse admission to any person.

Appeal of an Admission Decision
Contact the Registrar if you have concerns about an admission decision.

Assessment

To assist students in registering in courses for which they have adequate preparation, RDC requires or suggests assessment in the following areas:

Communications Course Placement
Students will be required to take a College placement test before registering in a 200-level written communications course. (Students with 60% or greater in English 30 or ELA 30-1 will be exempted from this test). Students who do not achieve a satisfactory mark in this test will be required to complete COMM 150 before they can register in the required 200-level course. Students should take the placement test early in the event preparatory work (COMM 150) is required.

Mathematics Diagnostic Test
First year university math is difficult for many students. RDC offers the opportunity for students registering in the courses to complete a diagnostic test prior to the start of classes. Completion of the test will allow students to anticipate weak areas and receive assistance prior to and during classes.

Placement Testing
Placement Testing is a requirement for all students wishing to enter the Career and Academic Preparation Program. Students needing or wishing to take High School equivalency courses may be required to arrange for placement testing prior to registration.

Fees

Subject to change
See www.rdc.ab.ca/tuition_fees

Tuition and Student Association Fees are charged on the number of billing credits for the courses in which you are registered. Some courses are also assessed Material and Special Fees and are subject to change.

Note: Students enrolled in the Mount Royal University (MRU) Bachelor of Business Administration Program and charged MRU tuition fees.

Canadian Citizens and Permanent Residents 2014/2015

Approved Tuition (per billing credit)	
All Programs	$110.50/cr
SA Fee	$ 5.00/cr

International Students 2014/2015

(per billing credit)	
Tuition	$323.00/cr
SA Fee	$ 5.00/cr

Other Fees

Application Fee	
- Canadian Resident	$ 70.00
- International Students	$ 140.00
Supplemental Exam	$ 75.00
Returned Cheque Charge	$ 40.00
Prior Learning Assessment (per academic credit to a maximum of $260.00)	$ 65.00
Prior Learning Portfolio (plus $75per academic credit to a maximum of $300.00)	$ 150.00
Graduation Gown Rental	$ 30.00
Diploma/Cert. Replacement	$ 60.00
Advanced Placement	$ 55.00
Courier Cost for Transcript	
- Domestic	$ 15.00
- U.S.	$ 30.00
- International	$ 45.00
Deferral or Late Charge	$ 40.00
Late Fee/Re-registration Fee	$ 45.00
Health Fee - Fall Term (12 months coverage, Sept - Aug)	$ 128.00
Health Fee - Winter Term (8 months coverage, Jan - Aug)	$ 85.33
Dental Fee - Fall Term (12 months coverage, Sept - Aug)	$ 128.00
Dental Fee - Winter Term (8 months coverage, Jan-Aug)	$ 128.00
Extension to Incomplete Grade	$ 50.00
Challenge Exams (per academic credit)	$ 110.50
Transfer Credit	$ 65.00
T2202A Replacement Fee	$ 10.00
iCard - Replacement	$ 20.00
-Withdrawal	$ 25.00
-Photo Replacement/Duplicate	$ 5.00
-Printing/Photocopying	
-white bond	$ .10
-color	$ .50
Parking Replacement Cards	$ 10.00
Activity & Wellness Fee/term	$ 22.00
Facility, Service & Tech Fee	$ 10.00
Program Cancellation Fee (per course to a maximum of $250.00)	$ 50.00

To waive, add family or re-activate Student Health and Dental Plans, contact the Student Benefits Plan Office by September 12, 2014 for Fall term and January 16, 2015 for Winter term (403.356.4982 or www.mystudentplan.ca)

Recognition of Prior Learning (RPL)

RPL is the assessment processes that are used to evaluate and provide recognition for the knowledge, skills and attitudes that people have acquired in their lives which includes formal learning, non-formal learning and informal learning. RPL can take various forms, Advanced Placement (AP), Challenge Exam (A-F or WD), Prior Learning Assessment and Recognition (PL), or Transfer Credit (TR), and the associated outcomes can be used for different purposes relevant to the individual\'s educational program at RDC.

To qualify for an RDC program credential, students must complete at least 25% of the credit requirements for the credential through enrolment in RDC courses.

It is the responsibility of the applicant or student to provide the assessors of Red Deer College with any transcripts, course outlines, or descriptions, or any other documentation necessary to support the prior learning application.

Recognition of prior learning applications that are not approved may be appealed to the Registrar. The Registrar's decision is final.
For more information, call 403.342.3400 or email: rpl@rdc.ab.ca.

Fees

A Recognition of Prior Learning fee may be levied to support the assessment process. Refer to the Fees section of this guide.

Application Timelines

In order to receive recognition of prior learning by the College, the individual requesting the prior learning assessment must have applied and/or been admitted to a credit program at Red Deer College. Students do not have to be registered in a course to apply for RPL.

Please submit RPL applications approximately eight weeks prior to the commencement of courses. RPL applications for transfer credit assessment require official transcripts (required for admission). Other supporting documentation, academic course outlines or descriptions, may be attached to the RPL application.

Restrictions

Not all RDC courses are eligible for Prior Learning Assessment and Recognition, Transfer Credit, Challenge or Advanced Placement; restricted courses are identified in the Course Descriptions section of this guide.

Advanced Placement (within Red Deer College)

Recognizes learning that enables students to waive a prerequisite and register directly into a higher-level course, or acknowledges that the desired learning outcomes have been achieved in an equivalent course. Advanced Placement is applicable for students transferring courses across programs within Red Deer College (noted as "AP" in the College transcript). If a prerequisite or equivalent course is waived, no credit for the prerequisite or equivalent course is granted.

Challenge

A Challenge examination process may allow students to obtain a formal grade (A-F or WD) on their College transcript when their prior learning is recognized. Students applying for a Challenge Exam must complete and submit an RPL application, accompanied by the appropriate supporting documentation, as determined by the College Assessors, outlining the previous course-specific learning which qualifies the application. Upon approval of a Challenge Exam by the College, the student must pay the requisite non-refundable Challenge fee and register in the Challenge section of the course. The outcome of the Challenge process will be indicated as a comment for the requisite course on the official transcript, indicate the grade earned and the appropriate credit weight. The outcome of the Challenge is indicated on the transcript regardless of the grade obtained.

- Students may not challenge an RDC course for which they have already received a passing grade. Students may challenge an RDC course which they have previously failed, if, subsequent to taking the course, they have obtained another learning experience elsewhere.
- Students may not challenge a course previously waived as a pre-requisite for a higher-level course, or where Advanced Placement (AP), Prior Learning Credit (PL), or Transfer Credit (TR) has already been granted.
- A challenge must be completed within the term in which the student is registered in the Challenge section of the course and on or before the last day of final exams for that term. Once the challenge is complete, the notation "Challenge" is placed as a course comment underneath the course on the transcript; and a grade is also assigned. If the student is unable to complete the Challenge exam before the last day of the final exams in the term in which they are registered for the Challenge, they may apply to Withdraw from the Challenge process. If a student is granted a withdrawal from the Challenge process, the notation "WD", with the Challenge comment appears on the transcript.

Prior Learning Assessment and Recognition (PLAR)

Credit obtained through a Prior Learning Assessment and Recognition (PLAR) process, acknowledges learning that may have taken place in a venue other than a traditional post-secondary classroom. Students considering engaging in a PLAR process are strongly encouraged to contact the Assessment and Articulation Services Coordinator for more detailed information.

PLAR applicants must complete an RPL application form, and must provide the College Assessors with any and all transcripts, course outlines/descriptions, or other documentation necessary to support their PLAR application. RDC uses a "Course Credit" model of granting PLAR credit. Therefore, any credit awards using this process will be based on the applicant meeting the requisite course outcomes and/or demonstrated competencies specific to current College course curricula. RDC does not grant PLAR credit on a program level, nor will the College grant unspecified PLAR credit.

If a PLAR process is approved, assessment may take the form of:

- A portfolio; written summary of learning gained from informal learning experiences.
- Letters of attestation from employers and/or associates that support claim of competency.
- Photos and/or videos that demonstrate skills/competence or products of learning.
- References from relevant professionals who support claims of skill mastery within the appropriate context.
- Annotated summary of group projects with clear delineation of individual skills mastered.
- Performance/assessment reports from current employers.
- Essays, projects, assignments or other course appropriate evaluation strategies.
- Standardized tests: Paper & pencil or computerized tests may be used to assess theoretical or applied knowledge relevant to the College curricula being reviewed for credit .
- Skills assessments: Such an assessment will be a demonstration of skills within a prescribed environment, i.e. laboratory or practicum setting, for the express purpose of assessing an individual\'s ability to meet the learning outcomes of a RDC course or program, and obtain relevant College credit.
- Review of Employer-Based Training: Review of private or public sector-sponsored training programs.
- Other strategies as determined by the Assessors, that enable a comparison of learning outcomes/competencies and specific course curricula.

If credit is granted via this process, the information will appear on the College transcript as "PL", with the appropriate credit weight attached, but no grade is assigned.

Many universities will not recognize a grade of "PL" on an official transcript, students should check with the receiving institution before initiating a PLAR process.

Transfer Credit

Transfer Credit may be granted when a student provides appropriate documentation of an equivalent course taken at another post-secondary institution. The Alberta Transfer Guide, or other provincial transfer guide(s) and academic calendar course descriptions/outlines will be used to determine if the course may be formally recognized. Recognition may also be granted for learning experiences which are equivalent to an identified RDC course (i.e. practica or studio). In these cases, the student must provide documentation acceptable to the College.

Official Transcripts, Academic Course/Outlines and other supporting documentation as determined by the College Assessor must be provided by the student. Foreign language documents must be translated and certified by an accredited translator. Transfer credit is applicable for students who are bringing programs and courses from other post-secondary and educational institutions at the post-secondary level. Students not eligible for Transfer Credit may explore other RPL options.

When Transfer Credit is granted, the information will appear on the College transcript as "TR", with the appropriate credit weight attached, but no grade is assigned. Students will be advised of the fee requirement, if applicable, after submission of their completed RPL application.

To qualify for an RDC program credential, students must complete at least 25% of the credit requirements for the credential through enrolment in RDC courses.

Letter of Permission

Students may obtain a Letter of Permission (Visiting Student Letter), requesting formal recognition of course work to be completed in the future at another post-secondary institution on their RDC transcript in the form of Transfer Credit. Using an RPL application to request a letter of permission, students must provide the relevant details of the course they propose to take as the basis of the Letter of Permission is a pre-approval of equivalent course curriculum.

Advanced Placement Program (from high school)

AP graduates may receive academic credit at RDC for their AP credential earned during high school. Only AP grades of 4 or 5 are accepted for transfer credit. An official AP transcript is required for assessment.

Transfer credit at RDC will be awarded based on current articulation agreements with Alberta Universities as cited in the Alberta Transfer Guide. For courses not governed by an articulation agreement, students may choose to pursue a Challenge process in order to obtain academic credit at RDC.

When registering please tell your Advisor that you have AP courses. Caution must be exercised as Advanced Standing for AP courses may not be recognized by some receiving institutions. Policies of institutions which you plan to attend after Red Deer College should be taken into account.

International Baccalaureate

IB graduates may receive up to 30 credits (five full course equivalents) at RDC for their IB Diploma earned during high school. IB grades of 5 or lower will not be accepted for transfer credit at RDC. An official IB transcript is required for assessment.

Transfer credit at RDC will be awarded based on current articulation agreements with Alberta Universities as cited in the Alberta Transfer Guide. For courses not governed by an articulation agreement, students may choose to pursue a Challenge process in order to obtain academic credit at RDC.

When registering please tell your Advisor that you have IB courses. Caution must be exercised as Advanced Standing for IB courses may not be recognized by some receiving institutions. Policies of institutions which you plan to attend after Red Deer College should be taken into account.

Note: Students who plan to major in the physical sciences will be required by RDC to take the appropriate first year courses in mathematics and chemistry or to write challenge examinations rather than to accept transfer credit for RDC Mathematics 212 and RDC Chemistry 211.

Tech Prep - Articulation Agreement existing with the Central Alberta Technology Preparation Consortium include:

Secondary Courses	Red Deer College Course Equivalents
Community Health Modules 1040, 1050, 1080, 2050, 2070, 3020, 3040, 3050	ECD 211 & Course Audit
Community Health 2120	Grad requirement for some programs
Community Health 2070 (ASL 1)	Rehabilitation 351
Community Health - Health Science Modules (Advanced) and NAIT EMR Certificate	Rehabilitation 205
Community Health 3010-3030, 3070, 3100	Second year Social Work Option - 3 credits
Community Health - Health Science Modules (80% minimum mark)	Advanced progress in first two years of Nursing
Construction Technologies Modules	Advanced Progress in first year apprenticeship
Electro-Technologies Modules	Advanced Progress in first year apprenticeship
Fabrication Studies Modules	Advanced Progress in first year apprenticeship
Fashion Studies Modules 1030-1060, 2020, 2030, 2050-2110, 3020-3060, 3090	Drama 105
Financial Management 2010, 2050, 3030, 3020, 3040	Hospitality 202 (non-accounting majors only)
Financial Management 2010, 2050, 3010, 3020, 3040	Hospitality 202 (non-accounting majors only)
Financial Management 1010-1030	Office Administration 120
Financial Management 2020-2050	Office Administration 121
Foods 2150	Hospitality 215
Information Processing 1010, 1030, 1040, 2050, 2070, 2080	Hospitality 213
Information Processing 3110, 3120 & CMPT 110 Projects	Computing 110
Information Processing 1010, 1030, 1040, 2040	Hospitality 307
Information Processing 3030	Law 125
Information Processing 3040	Law 235
Information Processing 2050	Law 126
Information Processing 2040	Office Administration 110
Information Processing 2050-2080, 2120	Office Administration 100/101
Information Processing 3030	Office Administration 111
Information Processing 2170, 2160, 3150 - 3170 & CSYS 112 final exam and assignment	Computer Systems Technology 112
Tourism Studies 1010, 1020	Hospitality 301
Tourism Studies 1030 (Alberta Best or equivalent)	Hospitality 233
Work Experience (250 hours relevant experience)	Meets Social Work entrance requirement
Work Experience (250 hours relevant experience)	Hospitality & Tourism Practicum - HOSP 209, 217, or 224 depending on student's major
Work Site Learning (250 hours)	One of:
Industry-related placements only	Hospitality 209 (Marketing major)
Advanced credit relevant to student's major	Hospitality 224 (Accounting major)
	Hospitality 217 (Food and Beverage major)

Students seeking advanced credit at the college level must be registered as Tech Prep students in high school, complete the high school courses identified by individual college programs, and focus their studies in the most relevant CTS strand to the college program that they are entering.

DEGREE COMPLETION PROGRAMS

Red Deer College

Bachelor of Applied Motion Picture Arts

Contact Persons
Dr. Dale Wheeler
Larry Reese
Don Armstrong
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

The Program

The Applied Degree in Motion Picture Arts enables students who have completed two years of post-secondary theatre studies (or equivalent) to expand and apply their primary theatre training to the rapidly growing motion picture, television and multimedia industries. The two years of completed theatre studies is followed by a program year (3rd year) of intensive theory and hands-on instruction culminating in an advanced certificate in Performance or Production. Students may then choose to go on to the final (4th year) which is a credited mentored work experience the equivalent of two four-month terms or the opportunity to complete a substantial motion picture project. The program has two streams: the Production Stream and the Acting Stream.

Related Careers

The motion picture industry is a major contributor to the North American economy and is at the forefront of the digital revolution. The producers of feature films, television series and commercials seek gifted storytellers, actors, artists and technicians with strong backgrounds in the dramatic arts. Existing theatre programs provide a solid foundation for advanced study in narrative motion picture acting and production. The MPA program provides students with the specific skills and experience they need to gain an advantage in this highly competitive industry.

Graduates of the Production Stream will apply their broad-based understanding of the nature of production to pursue multiple job tracks as their careers progress. Typically, graduates will begin employment at entry levels in various areas of the industry, including cinematography, camera operation, digital editing, production design, sound recording, production management, and special effects. Some graduates may choose to act as self-employed contractors in their own creative business ventures.

Acting Stream graduates will be prepared to audition for performance roles in feature films, movies of the week, series television, commercials, and voice-overs.

With experience and proven ability, graduates from both streams may also advance into entrepreneurial roles as directors, writers, and producers, supervising content creation in a wide variety of current and emerging media.

Admission Requirements

1. You must have completed 2 years of a post-secondary Theatre Studies Program (or equivalent) with a minimum 2.00 GPA. Other related post-secondary credits and/or equivalent experience will be considered.

AND

2. You must complete a successful audition and/or interview/ portfolio. Further guidelines regarding audition/interview expectations are available at www.rdc.ab.ca/performing_arts.

Program Content

Production Stream

Year 3

MPA 301	Motion Picture Fundamentals I
MPA 302	Motion Picture Fundamentals II
MPA 303	Motion Picture Business/Career Path
MPA 304	Screenwriting Techniques
MPA 305	Motion Picture Directing
MPA 311	Motion Picture Technology
MPA 315	Motion Picture Production I
MPA 316	Motion Picture Production II
MPA 320	Motion Picture Projects I
MPA 321	Motion Picture Projects II

Year 4

MPA 403 and MPA 404

Acting Stream

Year 3

MPA 301	Motion Picture Fundamentals I
MPA 302	Motion Picture Fundamentals II
MPA 303	Motion Picture Business/Career Path
MPA 304	Screenwriting Techniques
MPA 305	Motion Picture Directing
MPA 312	Audition Techniques
MPA 317	Motion Picture Acting I
MPA 318	Motion Picture Acting II
MPA 320	Motion Picture Projects I
MPA 321	Motion Picture Projects II

Year 4

MPA 403 and MPA 404

Program Cost Estimates - 2014/2015

Year 3

Tuition	$ 3,757.00
Student Association Fees	$ 187.00
Fees	$ 1,000.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 340.00
Books/Materials	$ 350.00
Total	$ 5,678.00

Year 4

Tuition	$ 2,210.00
Student Association Fees	$ 110.00
Fees	$ 1,000.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 200.00
Total	$ 3,564.00

Students may be eligible for a partial tuition refund depending on the nature of their 4th year practicum experience.

Graduation Requirements

You must pass all of the required Year 3 courses in the Production or Acting Stream and satisfactorily complete both 4th year work experience or production courses with a two year GPA of 2.00 to receive the Bachelor of Applied Motion Picture Arts.

University of Calgary

Bachelor of Social Work

The University of Calgary, Faculty of Social Work, Learning Circle Route, offers an innovative variation of the Bachelor of Social Work degree at the Red Deer College campus. Students attend nine-hour modules on alternate weekends throughout the Fall and Winter terms (normally on Friday evenings and Saturdays). Students enter the program in September and the application deadline is April 1 for the following September.

For further information or to obtain the University of Calgary Faculty of Social Work directly at 1.888.492.2083 (toll free) or check the website at www.fsw.ucalgary.ca.

University of Calgary

Bachelor of Arts

English Major
Psychology Major
Sociology Major

Chairperson
Dr. Paritosh Ghosh
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

The Program

The University of Calgary/Red Deer College Bachelor of Arts Collaborative Degree is a 4 year program (40 half year courses) that can be completed entirely on the Red Deer College campus. English, Psychology, or Sociology Majors are available. An optional Minor in Anthropology, Communication Studies English, History, Philosophy, Political Science, Psychology, or Sociology may also be completed.

Students take the first 2 years of a Red Deer College B.A. university transfer program. (Students with transfer credit or completed degrees of diplomas from other institutions can often use it towards Year 1 & 2 and would apply directly to the University of Calgary.) They then apply to complete the 3rd and 4th years as a University of Calgary student on the Red Deer College campus.

Year 1 & 2 courses are Red Deer College university transferable courses taught by RDC Faculty. Year 3 & 4 courses are taught by a combination of University of Calgary and Red Deer College Faculty.

The B.A. degree awarded is the same degree granted to students who complete their course work at the University of Calgary. Graduation requirements are the same as those outlined in the University of Calgary Calendar. (See "Graduation Requirements" later in this section for program details.)

Students may maintain part-time status and can start their program with evening classes, but eventually must take day time classes to complete their degree.

Related Careers

The purpose of a university education in the arts is not just to train you for a specific job, but to help you develop general skills that can be put to use in many different work situations. The Conference Board of Canada has identified the following as critical skills required for Canada's workforce:

- Academic Skills (Communication, Thinking, Learning, Research).
- Personal Management Skills (Positive Attitudes/Behaviours, Responsibility, Adaptability).
- Teamwork Skills (Working with Others).

Bachelor of Arts students have exceptional opportunities to learn and hone these skills while also acquiring a background in their specific area(s) of interest.

English graduates may find employment in a variety of fields, such as researcher, speech writer, administrative assistant, public relations officer, publisher's agent, or advertising copy writer.

Sociology graduates may obtain employment in related areas such as social services, corrections, research, statistics, and government service.

Psychology graduates might obtain employment in related areas such as social services, counselling, law enforcement, human resources, life skills training, or government service.

Bachelor of Arts graduates may also go on to professional studies for example in fields such as law, business, education, etc.) or may continue to graduate studies for a Master's or Doctoral degree in their specific area of interest. Graduate work is required in order for a student to become a Chartered Psychologist or to become an instructor or researcher at the university level.

Admission Requirements

Application & Admission Requirements to Years 1 & 2 (Red Deer College)

Apply to the Red Deer College Bachelor of Arts university transfer program to complete Years 1 & 2 (i.e. the first 14-20 half course equivalents) of your 40 course degree. Admission requirements are listed under the Bachelor of Arts (university transfer program) section of the Red Deer College calendar.

If you do not have the high school courses you need to enter the RDC B.A. transfer program directly, RDC offers high school upgrading courses, which you can take before or during the start of your degree program. Consult an Academic Advisor or check the Career and Academic Preparatory program sections of the RDC Calendar for details.

You may already have credit towards Year 1 & 2 of your degree if you have taken a 2 year post-secondary diploma program or university transferable post secondary courses. Contact the B.A. Collaborative Degree Office to have your previous course work assessed before you register in further Red Deer College courses.

Note: A maximum of 20 half course equivalents (60 transfer credits) from Red Deer College and/or any institutions other than the University of Calgary may be transferred into this program. In order for a course to transfer, a minimum grade of "D" or better must have been achieved in the course. But no more than 6 credits "D" or "D+" grade are allowed in courses in the major field. A minimum grade of C- in any preprequisite courses.

If you will exceed the 20 half course equivalent transfer limit before the next Fall Year 3 U of C program intake, consult the B.A. Collaborative Degree Office about taking courses as a part-time U of C Open Studies student.

Application to Year 3 (University of Calgary at RDC)

The University of Calgary (U of C) accepts students into the collaborative program for the Fall term ONLY. Apply now at: www.rdc.ab.ca/uofc-ba-degree. The application deadline is usually March 1; however, for early registration and better course selection, complete your application for Fall admission by December. Refer to the site listed above for further details. If you wish to take U of C courses prior to formal admission to the Bachelor of Arts Collaborative Program, consult the B.A. Collaborative Degree Office about becoming a part-time U of C Open Studies student.

Admission Requirements to Year 3
(University of Calgary at Red Deer College)

For admission to Year 3 you will need:

1. **English & Sociology Majors:** ELA 30-1 or acceptable equivalent. (**Note:** Acceptable equivalent from RDC is ENGL 095).

or **Psychology Majors:** ELA 30-1 and Math 30 (Pure) (or Math 31) or acceptable equivalents. **Note:** Acceptable equivalents from RDC are ENGL 095, MATH 096 (or MATH 097).

2. A minimum of 14 half course equivalents (i.e. 42 transfer credits) of applicable university-level work already completed (normally by the end of the previous Winter term).
3. **English & Sociology Majors:** A minimum grade point average of 2.3 (on the 4.00 scale, approximately "C" average) over your most recent 10 half course equivalents (30 transfer credits) university-level work.
4. **Psychology Majors:** A minimum 2.8 (subject to change) the actual GPA required for acceptance may be higher. Check the Program Page www.rdc.ab.ca/ uofc_collab_degree or the U of C Registrar's Office for details.

Although it is not required, it is *strongly recommended* that you have completed the following RDC courses or equivalents by the end of Year 2. Otherwise course sequencing may be affected and the remaining courses may have to be taken over a period longer than 2 years:

English Majors: RDC ENGL 219/ 220; ENGL 302 (full year); ENGL 340 (full year); Sr ENGL (6 credits).
Psychology Majors: RDC PSYC 260, PSYC 261 & PSYC 312 (full year).; Sr PSYC (12 credits) chosen from Foundation courses.
Sociology Majors: RDC SOCI 260, SOCI 261, SOCI 310, SOCI 312, SOCI 332 & SOCI 333; SR SOCI (6 credits).

Note: A maximum of 20 half course equivalents (60 transfer credits) from Red Deer College and/or any institutions other than the University of Calgary may be transferred into this program. In order for a course to transfer, a minimum grade of "D" or better must have been achieved in the course.

If you will exceed the 20 half course equivalent transfer limit before the next Fall Year 3 U of C program intake, consult the B.A. Collaborative Degree Office about taking courses as a U of C Open Studies student.

Fees

You pay Red Deer College fees for Year 1 & 2 of this program. One full year of course work usually consists of ten 3 credit courses (30 credits).

Once you have been admitted to the University of Calgary B.A. Program Year 3 (at Red Deer College), you will pay all required fees to the University. Fees are charged per half course. The normal load for a full-time student is 5 half courses per term in Fall & Winter terms.

Check the Program Page (www.rdc.ab.ca/uofc-ba-degree) or each institution's fee schedule for updated fees.

Academic Rules & Regulations

Once you have been admitted to the University of Calgary (at Red Deer College), you are subject to the U of C's academic deadlines, rules and regulations. The "U of C at RDC" Student Handbook on the Program Page (www.rdc.ab.ca/uofc-ba-degree) summarizes much of the important information. Details are available in the U of C Calendar.

Graduation Requirements

Course requirements to graduate with each of the degrees are outlined in the current University of Calgary Calendar under "Faculty of Arts" Program planning assistance is available from the B.A. Collaborative Degree Office.

The following program outlines are designed to give an overview of the degree requirements and recommended course sequencing. These requirements are unofficial and subject to change. Please refer to the U of C Collaborative Office www.rdc.ab.ca/uofc-ba-degree for the most up to date information regarding these programs. Do not base your course selections on the information contained here; this is for general information purposes only.

The University of Calgary (at Red Deer College) B.A. Collaborative Degree Program degree consists of a minimum of 40 half course equivalents as follows:

ENGLISH MAJOR

Recommended sequence of courses 10 half course equivalents (HCE's) per year

Red Deer College Student
Year 1
- ENGL 219/ENGL 220 (6 credits)
- Science Requirement (6 credits)
- Language Requirement (6 credits)
- Non-ENGL Options (12 credits)

Year 2
- ENGL 302 - Intro to Contemporary Theoretical Practices (6 credits)
- ENGL 340 Lit in Engl Middle Ages to Present (6 credits)
- ENGL 300-level options (of your choice) (6 credits)
- 4 Non-ENGL Options (12 credits)

Apply to the U of C (at RDC) Year 3 program during 2nd year. Students must present ELA 30-1 for admission to the U of C (at RDC) ENGL program.

University of Calgary (at Red Deer College) Student
Year 3
- 2 HCEs ENGL 400-level
- 1 HCE 300 or 400-level ENGL in Postcolonial Studies
- 7 HCEs Options

Year 4
- 2 HCEs 400-level ENGL
- 2 HCEs 300 or 400-level ENGL in Canadian Literature
- 7 HCEs Options

Note:
- Maximum 20 HCE ENGL in degree.
- No more than 16 half-year courses above can be Junior (200-level).
- Maximum 8 HCE in the major from Red Deer College will transfer to the U of C.

ENGLISH MAJOR - HONOURS

A B.A. Honours Degree in English can be completed at the Red Deer College campus. Program requirements are different than those listed above. See the B.A. Collaborative Degree Office for program details.

PSYCHOLOGY MAJOR

Recommended sequence of courses 10 half course equivalents (HCE's) per year.

Red Deer College Student
Year 1
- PSYC 260 & PSYC 261 - Basic Psychological Processes & Social & Individual Behaviour (6 credits)
- Science requirement (6 credits)
- Non-PSYC Options (18 credits)

Year 2
- PSYC 312 (full year) - Experimental Design & Quantitative Research Methods
- Sr PSYC courses chosen from Foundations courses (12 credits)
- Non-PSYC Options (12 credits)

Note: Do not exceed 8 HCE PSYC courses while an RDC student. Apply to the U of C (at RDC) Year 3 program during 2nd year. You MUST have ELA 30-1 or equivalent for admission to the U of C (at RDC) PSYC program. While MATH 30-1 or MATH 31 or equivalent is required prior to taking PSYC 312, it is not an admission requirement.

University of Calgary (at Red Deer College) Student
Year 3
- 3 HCEs of PSYC 400-level (including 1 HCE with lab) (9 credits)
- 2 HCEs PSYC 300-level Foundation courses (or more to complete Foundation courses)
- 5 HCEs Options Options

Year 4
- 3 HCEs of PSYC 400-level (including 1 HCE with lab) (9 credits)
- 7 HCEs Options

Notes:
- PSYC Foundations Courses: All students must take:
  - PSYC 312 (as above)
  - PSYC 341 Social Psychology
  - PSYC 353 Developmental or PSYC 357 Adult Development & Aging
  - PSYC 369 Sensation & Perception or PSYC 358 Cognition
  - PSYC 375 Brain & Behaviour
  - PSYC 383 Personality or PSYC 389 Abnormal Psychology
- Maximum 20 HCE PSYC in degree.
- No more than 16 half-year courses above can be Junior (200-level).
- Maximum 8 half-course equivalents can be taken in the major while a RDC student.

SOCIOLOGY MAJOR

Recommended sequence of courses 10 half course equivalents (HCE's) per year.

Red Deer College Student
Year 1
- SOCI 260 & SOCI 261 - Sociological Concepts & Perspectives & Canadian Society (6 credits)
- Science requirement (6 credits)
- Non-SOCI options (18 credits)

Year 2
- SOCI 312 & SOCI 310 - Intro to Social Methodology & Intro to Social Statistics (6 credits)
- SOCI 332 & SOCI 333 - The Development of Sociology I & II
- Sr SOCI (6 credits)
- Non-SOCI Options (12 credits)

Apply to the U of C (at RDC) Year 3 program during 2nd year. You MUST have ELA 30-1 or equivalent for admission to the U of C (at RDC) SOCI program.

University of Calgary (at Red Deer College) Student
Year 3
- 2 HCEs of SOCI 400-level
- 1 HCE SOCI 315 Social Statistics II
- 7 HCEs Options

Year 4
- 2 HCEs of SOCI 400-level
- 8 HCEs Options

Note:
- Maximum 20 HCE SOCI in degree.
- No more than 16 half-year courses above can be Junior (200-level).
- Maximum 8 half-course equivalents can be taken in the major while a RDC student.

SOCIOLOGY MAJOR - HONOURS

A B.A. Honours Degree in Sociology can be completed at the Red Deer College campus. Program requirements are different than those listed above. See the B.A. Collaborative Degree Office for program details.

MINOR FIELD

A Minor Field of study is not required but may be completed in the following areas:

ANTHROPOLOGY MINOR

Include at least 10 HCEs in the field of Anthropology of which 6 HCEs must be at the senior level.

COMMUNICATIONS STUDIES MINOR

Include at least 10 HCEs from the field of Communications including:
- RDC courses COMM 271, 341, 369, 371, 375, and 381.
- FILM 201 or 202
- One option: U of C's COMS 363 which can be taken online or a block week film course. See the BA Collab Advisors for details.

ENGLISH MINOR

Include at least 10 HCEs from the field of English including:
- ENGL 219/ENGL 220
- ENGL 302 (full year) - Intro to Contemporary Theoretical Practices
- ENGL 340 (full year) - Literature in English-Middle Ages to Present

HISTORY MINOR

Include at least 10 HCEs from the field of History including:
- at least 6 HCEs at the senior (300) level.
- 1 HCE of HIST at the 400 level (must be taken as an independent study).
- 3 HCEs in one field of study (either Canadian or European history).

PHILOSOPHY MINOR
Include at least 10 HCEs in the field of Philosophy of which 6 HCEs must be at the senior level.

POLITICAL SCIENCE MINOR
Include at least 10 HCEs in the field of Political Science of which 6 HCEs must be at the senior level.

PSYCHOLOGY MINOR
Include at least 10 HCEs in the field of Psychology including:
- PSYC 260 / PSYC 261
- PSYC 312 (unless you major is Sociology).

SOCIOLOGY MINOR
Include at least 10 HCEs in the field of Sociology of which 6 HCEs must be at the senior level.

Course Offerings
While enrolled in the University of Calgary B.A. Program at Red Deer College (years 3 and 4), you will take a combination of two types of courses: courses offered on campus directly by the University, and Red Deer College courses that have been specifically cross-listed as University of Calgary equivalents.

Each year there will be a selection of courses available, not only in English, Psychology, and Sociology, but also in other Humanities and Social Sciences disciplines: Anthropology, Classics, Communications, Economics, Film Studies, French, History, Philosophy, Political Science, and Spanish. A number of Science and Fine Arts courses are also cross-listed in Art, Astronomy, Biology, Computing Science, Drama, Music and Physiology.

For further information contact:
U of C B.A Collaborative Degree Office
Phone: 403.343.4045; Fax: 403.342.3530
Email: bacollab@ucalgary.ca
Website www.rdc.ab.ca/uofc-ba-degree
Room 2506I
Box 5005
Red Deer AB (Canada) T4N 5H5

Mount Royal University

Bachelor of Business Administration

Associate Dean
Dr. Diane Janes
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

The Program
Mount Royal University and Red Deer College have formed a partnership to make the Mount Royal University Bachelor of Business Administration Degree .General Management Major Program available at Red Deer College. Students pursuing a professional accounting designation will have adequate options available in the General Management Major to obtain all required prerequisites for a designation.The third and fourth year of the degree is offered to RDC Business Administration (all majors) and Financial Services diploma holders.

The Mount Royal University (MRU) Bachelor of Business Administration (BBA) is a four year degree consisting of 40 courses. Diploma holders will receive transfer credit for up to 20 courses, and normally complete 20 courses over two years of full-time degree studies. Part-time study is available. Application to the 3rd year of the degree program is made to Red Deer College and students attend all classes at Red Deer College. Upon completion of the program, students submit an application to graduate to Mount Royal University.

Students completing the Bachelor of Business Administration Degree at Red Deer College are governed by Red Deer College Academic Policies and Procedures regarding academic matters, non.academic misconduct and course related issues, including appeals. Students do not have access and may not utilize the appeal procedures of Mount Royal University.

Admission Requirements
RDC Business Administration Diploma (all majors) or Financial Services Diploma.

Program Requirements
The specific course requirements of the BBA at RDC are based on the courses completed in the student's diploma and the course requirements for the degree. The total requirements for the MRU BBA include 40 courses. The current Business Administration and Financial Services Diplomas provide credit for 20 of the 40 courses required by the degree. The remaining 20 courses taken in the 3rd and 4th years include 5 required core business courses, 3 business option courses and 12 General Education courses. Depending on the specific courses completed in older diplomas, students may

receive credit for less than 20 courses. Individual advisement is needed to provide a customized plan for students to meet all the course requirements for the degree.

All 3rd and 4th year MRU degree courses must be completed at RDC and recognition will not be given to equivalent courses taken at other post-secondary institutions.

Program Content

Core Business Courses:

BUS 307	Intro Business Statistics II
MGMT 410	Global Business Environment
MGMT 420	Operations Management
MGMT 430	Business Plan Development
MGMT 490	Strategic Management

Optional Business Courses (3)

MGMT 450	Leadership
MGMT 460	Change Management
MGMT 470	Corporate Social Responsibility
ACCT 306	Auditing*
ACCT 305	Personal & Corporate Income Tax*
ACCT 310	Advanced Financial Accounting*
ACCT 308	Advanced Managerial Accounting*

* Students interested in pursuing a professional accounting designation are recommended to take these courses as prerequisites to entering the professional program.

General Education Courses (12)

- 4 Foundation level courses, one from each cluster
- 4 Second Level courses, one from each cluster
- 4 Third Level courses, from at least two clusters

Note on Mount Royal University General Education Requirements Students in the BBA program are required to meet the general education requirements of Mount Royal University. General Education provides students with the opportunity to build their ability to think critically, develop their communication and mathematical skills, stimulate their capacities for creative, innovative thinking, and enrich their knowledge of the wider social, cultural and natural worlds in which they live and work.
The General Education Program is organized around for thematic clusters which constitute groups of streams of courses:

Numeracy and Scientific Literacy
These courses aim to develop an understanding of the nature and methods of subjects in the natural sciences, health sciences and computer science, as well as providing essential mathematical skills needed for study at the post-secondary level.

Values, Beliefs and Identity
These courses provide the opportunity to critically explore the values, beliefs and ideas that shape human experience, including understandings and meaning expressed through art, music, literature, philosophy and critical thought. There is also opportunity to study the various media through which cultural expression takes place.

Community and Society
Through these courses you will explore the complex intersection of interests and relations that constitute social life - from local community to the globalized network of societies. By studying the interlocking of material, moral, and political factors affecting society at all levels, you will acquire knowledge and skills that help you understand and act in the world in which you are a citizen.

Communication
These courses focus on the development of an undergraduate level of proficiency in written and oral communication across a range of media. They will help you develop a capacity for critical reflection on various media and their uses. Opportunity for study in languages other than English will be available in this thematic cluster.

Students are reminded to seek advising from the MRU BBA Program Student Advisor for program direction and course selection. Failure to follow the individual student program outlined will result in failure to meet the degree graduation requirements.

Continuation Requirements

Students must maintain a cumulative GPA of 2.0 to remain in the program.

Graduation Requirements

In order to successfully complete the MRU BBA - General Management Major at RDC, the student must:

- Complete a minimum of twenty (20) 3rd and 4th year required courses at RDC as described in Program Content.
- Have a cumulative GPA of at least 2.0 over all 3rd and 4th year courses required for graduation.

Upon completion of the program, students will submit an application to graduate to Mount Royal University. Upon confirmation of graduation, students may attend convocation ceremonies at MRU and receive their parchment, and/or attend graduation ceremonies at RDC. MRU and RDC each requires fees for attendance at convocation.

University of Alberta

Bachelor of Education

Chairperson
Brent Galloway
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

The University of Alberta Bachelor of Education program, in collaboration with Red Deer College, offers two years of study for degree completion and teacher certification with a focus in middle years education. The program is available to students who have completed either the first two years of the BEd Elementary program or an approved degree.

During the program, you will prepare to teach children and young adolescents in the middle years of schooling (grades 4 through 9). You will study curriculum and teaching methods appropriate for this age group, classroom management, middle school philosophy and organization, adolescent psychology and learning, philosophy, policy and social issues relevant for middle school teachers.

Each year, forty (40) students are selected on a competitive basis for admission into the program. As you progress through the program you will form lasting relationships and become part of a professional learning community. Because all students take the same sequence of courses over a two-year period, the program is designed specifically for full-time study. The program includes two practicum experiences. The first experience will be for five weeks during the Fall Term of the 3rd year (includes a one week observation period). You will be paired with another student and placed in a middle school in or near Red Deer. The second experience will be for nine weeks in the Winter Term of the final year. Placement will be in Red Deer and Central Alberta area schools in classes ranging from Grades 4 through 9.

Application Process

Although all courses are taught on the campus of Red Deer College, application for this program must be made to the University of Alberta. Students may choose to use the University of Alberta's on-line application process or they can mail in completed application forms to the University of Alberta. Although the application deadline is March 1, students are strongly advised to apply earlier. Because there are more applicants to the program than there are places, enrollment management is in effect. Under enrollment management, an overall target of 40 new admissions is set for the program. A minimum AGPA for application is set each year; all admissions are competitive, and the actual admission AGPA may be higher.

University of Alberta

Bachelor of Science in Nursing

Chairperson
Maureen Matejka
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Related Careers

This program prepares you for first-level nursing positions in any health care agency. You will be skilled in problem solving, critical thinking, and clinical decision making, with a focus on promoting and maintaining good health and caring for the sick. A bachelor's degree is often required for nursing positions, and is usually preferred by employers. A degree also improves your chances for promotion.

The Program

The Bachelor of Science in Nursing (BScN) program began at Red Deer College in September 1990 through a collaborative agreement between the College and the University of Alberta. The program begins with admission to Red Deer College in Year 1 as a student in the University of Alberta Collaborative Baccalaureate Nursing Program with Red Deer College. For the first three years you are registered as a Red Deer College student. During Year 3 you apply for official admission to the University of Alberta for your fourth year. As long as you meet the criteria (see below), you continue at Red Deer College to complete your 4th year.

After completing year 4, you will convocate from the U of A with a BScN. As a graduate, you will be eligible to write the Canadian Registered Nurse Examination (C.R.N.E.) national examination. This is required for license to practice in Alberta as a registered nurse (RN).

Transfer Features

University of Alberta (at off-campus Red Deer College site)
You will apply to the University of Alberta for admission to Year 4 of the University of Alberta Collaborative Baccalaureate Nursing Program with Red Deer College as directed by the Nursing Department Staff. The University of Alberta will accept the completed first three years of the program as a block transfer. To be eligible to continue to fourth year, you must have completed all required 3rd year courses and have a minimum G.P.A. of 2.00. The U of A Faculty of Nursing also requires a satisfactory medical examination, up-to.date immunization including Hepatitis B, and a valid C.P.R. certificate at the Health Care Provider Level.

Application Deadline

The GPA calculation for Conditional Admission will be calculated according to one of the following:

1. 25 high school credits from the following subjects: Biology 30, Chemistry 30 or Science 30, Math 30.1 or 30-2, ELA 30-1, and one 30-level subject from Group A, B, or C. If any of these courses are in progress at the transcript of submission deadline, the 20-level in the subject will be used.
2. 8 post-secondary credits including all credits from the most-recently completed term plus the best grades from the next most recent term.
3. Applicants with fewer than 18 post.secondary credits will have their GPA calculated using all post-secondary credits plus the credits from the most recent semester from high school using the best grade(s) from the following five subjects: Biology 30, Chemistry 30 or Science 30, Math 30-1 or 30-2, ELA 30-1 to reach 18 credits.

Transcript Deadline: March 1st.

Admission Requirements

1. Minimum average of 65% with no mark below 50% in:

a. Biology 30
b. Chemistry 30 or Science 30
c. ELA 30-1
d. Mathematics 30 (pure) or Mathematics 30-1 or 30-2
e. Subject from Group A, B, or C
(See "Alberta Grade 12 Course Groups," page 8.)

OR

2. Mature Student

You must be 19 years of age or older, out of high school at least one full year before the program starts, and have a minimum average of 65% with no mark below 50% in:

a. Biology 30
b. Chemistry 30 or Science 30
c. ELA 30-1
d. Mathematics 30 or Mathematics 30-1 or 30-2

Additional Requirements

In order to proceed to the next clinical nursing course you must satisfy the following requirements by September 1 of your first year in the Nursing Program:

1. A specific schedule of immunization (forms provided by college).
2. Evidence of a valid C.P.R. certificate at the Health Care Provider Level. You must be recertified in each year of the program.
3. Evidence of a valid Standard First Aid certificate.

Note: While not an admission requirement for the program, applicants are advised that they will be required to provide a Police Information Check (also known as a Criminal Record Check) and Vulnerable Sector Check to most agencies where they will be placed for practicum experiences. The existence of police information or a criminal record may prevent practicum placement, program completion, professional licensure and therefore affect future employment prospects. It is the decision of each agency or institution to accept or reject a student for placement or observation experience based on the results of the police information check. The current police information check process used by Alberta Health Services can change during the academic year.

Program Content

A revised curriculum for the four year Collaborative program began in 1997. The method of instruction is Context Based Learning (CBL). Throughout the program, students work in small groups with a tutor to explore a series of learning packages based on situations of relevance to nursing. Content from nursing, physical sciences, medical science, social sciences and humanities is introduced and integrated beginning with the first learning package in NURS 280. Nursing practice normally occurs in concentrated blocks of time in each term in a variety of settings including community and institutions in each year of the program. In addition, a 3 credit English course and two electives are part of the program.

Course Sequence

A. For students commencing Nursing in or after September, 1997:

*** Note 1:** Content to be integrated within scenarios in NURS CBL courses (e.g., NURS 280, NURS 284, NURS 380, NURS 384, NURS 390, NURS 394, etc.). In some cases, students will register in successive parts of the courses across terms. A final grade is given when the course is complete.

Note 2: Electives -electives are those courses which transfer to the University of Alberta; a grade of "C-" is required for credit transfer of electives.

Note 3: Any U of A transferable Political Science or Philosophy 3 credit course will be accepted instead of the Political Science or Philosophy courses listed in Year 3.

Year 1

Fall Term	**Winter Term**
NURS 280 (7 weeks)	NURS 284 (7 weeks)
NURS 281 (7 weeks)	NURS 285 (7 weeks)
NURS 230 (15 weeks) (Human Physiology & Pathophysiology I)	NURS 231 (15 weeks) (Human Physiology & Pathophysiology II)"
NURS 215 (Anatomy)	NURS 273 (Integrated Microbiology)

Intersession

English (3 credits)
PSYC 260 or SOCI 260

Year 2

NURS 380 (7 weeks)	NURS 384 (7 weeks)
NURS 381or 385 (7 weeks)	NURS 385 or 381 (7 weeks)
NURS 305 (Pharmacotherapeutics)	NURS 305 (part 2)
NURS 304 (part 1)	NURS 304 (part 2)
Using & Interpreting Statistics for Nursing Research	

Note: To proceed to third year all courses listed in Year 1 and Year 2 must have been passed.

Intersession
Elective (3 credits)
SOCI 260 or PSYC 260

Year 3

NURS 390 (7 weeks)	NURS 394 (7 weeks)
NURS 391(or 395) (7 weeks)	NURS 395 (or 391) (7 weeks)
*PHIL 388	POLI 324
NURS 301 (part 1)	NURS 301 (part 2 Nursing Research

Intersession
Elective (3 credits)

Note: To proceed to fourth year, all third year courses including senior electives must have been passed.

Year 4

Fall Term	**Winter Term**
NURS 490 (7 weeks)	NURS 494 (4 weeks)
NURS 491 (7 weeks)	NURS 495 (10 weeks)

Program Cost Estimates - 2014/2015

	Year 1	**Year 2**
Tuition	$ 4,309.50	$ 3,978.00
S/A Fees	$ 214.50	$ 198.00
Fees	$ 214.00	$ 190.00
Activity & Wellness	$ 44.00	$ 44.00
FST Fee	$ 390.00	$ 360.00
Books/Materials	$ 2,890.00	$ 1,686.00
Total	$ 8,032.00	$ 6,456.00

	Year 3	**Year 4**
Tuition	$ 4,309.50	$ TBA
S/A Fees	$ 214.50	$ TBA
Fees	$ 200.00	$ TBA
Activity & Wellness	$ 44.00	$ TBA
FST Fee	$ 390.00	$ TBA
Books/Materials	$ 1,367.00	$ TBA
Total	$ 6,525.00	$ TBA

Recognition of Prior Learning / Experience

Nursing courses from other programs will be evaluated on a case-by-case basis for prior learning. When challenge examinations are approved, you must do them in sequence, meeting the prerequisites for each course. Students who are transferring into the program or students that have been out of the clinical area for an extended period of time may be required to pass a competency screen prior to admission to the program.

With approval BScN students have six years from the time of admission to complete requirements for the degree (U of A Calendar 2009/2010).

UNIVERSITY TRANSFER PROGRAMS

Bachelor of Arts
- **Anthropology**
- **Communications**
- **Economics**
- **English**
- **French or Spanish**
- **History**
- **Philosophy**
- **Political Science**
- **Psychology**
- **Sociology**

Bachelor of Commerce

Bachelor of Education

Bachelor of Science & Bachelor of Education Combined Degree

Bachelor of Fine Art

Bachelor of Kinesiology & Sport Studies

Bachelor of Science General

Bachelor of Science in
- **Agriculture**
- **Agricultural/Food Business Management**
- **Atmospheric Sciences/ Environmental Earth Science**
- **Biochemistry**
- **Biological Sciences**
- **Chemistry**
- **Computing Science**
- **Engineering**
- **Environmental & Conservation Sciences**
- **Environmental Science or Environmental Management**
- **Forestry**
- **Forest Business Management**
- **Human Ecology**
- **Mathematics or Statistics or Math and Economics**
- **Nutrition & Food Sciences**
- **Physics or Geophysics**
- **Physiology**
- **Psychology**
- **Pre-Professional Programs**
  - **Chiropractic**
  - **Dentistry**
  - **Medicine**
  - **Optometry**
  - **Pharmacy**
  - **Veterinary Medicine**

Program Information

This section includes general information on transfer programs available at RDC. For more details about course selection, program requirements, and admission and transfer information, please refer to the Academic Advising Planning Guides available through the Academic Advising webpage (address below).

If you are planning to transfer to programs at institutions others than those with whom RDC has identified transfer agreements, you should contact the transfer institution as early as possible regarding course planning.

Note: This information is current at the time of publishing and may change as the universities revise their programs.

Admission Requirements

Admission to a Red Deer College university transfer program does not ensure future admission to a university. Please refer to university calendars or RDC academic advisors for more information.
If you are studying at Red Deer College under student visa, or if you have not always lived within the province of Alberta, you must consult the calendar of the institution to which you intend to transfer regarding their policy on admitting international and out. of-province students. This may vary between institutions.

Course Transfer

Transfer credit agreements between RDC and the Alberta universities are maintained by the Alberta Council on Admission and Transfer (ACAT). For specific course and program transfer information, please visit the ACAT website at www.transferalberta.ca Questions regarding transfer can be directed to The Alberta Council on Admissions and Transfer at 11th floor Commerce Place, 10155 - 102 St., Edmonton AB T5J 4L5.

Note: Transfer credit awarded for RDC courses and programs will vary according to the university to which you intend to transfer.

Academic Advising

Academic Advisors provide students with information and resources that enable them to make informed decisions relevant to their education.

These resources include the RDC Calendar, the Academic Planning Guide for your program and transfer university the Alberta Transfer Guide and the calendar and contact information for your intended university.

They will assist you in interpreting information from these resources or refer you to your intended university if appropriate.

Please be aware that you are responsible for ensuring that your registration is complete and appropriate and that your course choices comply with the program to which you have been admitted at RDC and/or to the university to which you intend to transfer.

Any changes you make to your courses, your major or your transfer destination may adversely affect your transferable credit, your admission to university or your eligibility to graduate from Red Deer College.

For the most current university program and transfer information, plese click see the Academic Advising homepage at www.rdc.ab.ca/academic_advising. Click on Planning Guides.

If you have questions regarding university admission, program requirements, course selection or transfer, please contact an academic advisor:
Phone: 403.342.3400
Email: advisors@rdc.ab.ca
Web: www.rdc.ab.ca/academic_advising

Bachelor of Arts

Chairperson
Dr. Paritosh Ghosh
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

See page 25 for general information.

Two-Year University Transfer Program

Red Deer College offers the first two years of these degree programs:
1. Bachelor of Arts*
2. Bachelor of Arts (Honours)

Four-Year Degree Completion

* Years three and four of a University of Calgary Bachelor of Arts degree can be completed at Red Deer College. Majors in English, Psychology and Sociology are available (with optional Minors in English, History, Political Science, Psychology, and Sociology).

See the program website: www.rdc.ab.ca/ uofc_collab_degree or the Calendar section entitled "Degree Completion Programs: University of Calgary Bachelor of Arts".

For the most current university program and transfer information, please see the Academic Advising homepage at www.rdc.ab.ca/academic_advising. Click on Planning Guides.

Related Careers

Advertising
Banking & Finance
Investment Dealing
Administration
Counselling
Public Relations
Radio and Television
Recreation
Insurance
Publications & Printing
Armed Forces
Government and Civil Service
Research
Retail Sales
Law Enforcement and Corrections
Industrial Relations
Management
Real Estate
Journalism
Urban Planning
Languages and Linguistics
Writing Consulting Social Services

Bachelor of Arts graduates may also go on to professional studies in fields such as law, business, education, etc., or may continue to graduate studies (for a Master's or Doctoral program) in their specific area of interest.

Liberal Arts graduates generally have superior skills in conceptual analysis, evaluation and critical reasoning, leadership motivation, and interpersonal and communication skills.

The Program

The objective in all programs is to provide you with the basis of a liberal arts education which will allow you to transfer to universities offering a Bachelor of Arts degree program.

In most cases, you will major in one of the subjects listed below. By declaring a major, you are simply stating your intent to pursue a comprehensive study of that subject area. Some university programs require you to declare a minor, which represents a second subject you will study in some depth as well.

Majors

You are required to complete a major in the Bachelor of Arts degree. A major includes a certain number of courses taken in one field of study. Generally, about half of the courses taken in a four year degree will be chosen from the major field. This number will vary according to your choice of major and the university you attend.

Majors available at RDC are Anthropology, Communications, Economics, English, French, History, Philosophy, Political Science, Psychology, Sociology and Spanish.

See detailed information on the following pages for specific requirements for individual majors.

Honours

Honours programs are designed to prepare students particularly well for advanced study at the Master's or Doctoral level in the major field of interest. High standards of performance are required in Honours programs. Most universities offer Honours programs in the same fields as the Majors listed above. You should consult with an Academic Advisor for details.

Transfer Features

You may transfer up to 60 credits (20 three credit courses) taken at Red Deer College to the university of your choice. This normally represents the first two years of a four year program. The courses you select must meet the program requirements of that specific university.

Note: Admission to university is competitive and based on academic achievement. Consult with an Academic Advisor for details.

Course Load: Full-time or Part-time Study

The Bachelor of Arts program is open to full-time students and part-time students. A full-time student will take at least 3 courses per term (minimum 9 credits), with 5 (15 credits) being the normal full load. Extra courses represent special burdens and may result in poor academic performance. A student will be permitted to take more than 5 courses in a term only under exceptional circumstances and with the approval of an Academic Advisor. Part-time students take 1 or 2 courses per term.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. ELA 30-1
   b. 4 courses from Groups A, B, or C (Social Studies 30 and a 30-level Language other than English highly recommended), with no more than one course from Group B
   (See "Alberta Grade 12 Course Groups," page 8)

Note: Some Universities require Pure Math 30 for admission or as a prerequisite for required courses. Transfer students are responsible for learning the specific admission, progression, and prerequisite requirements of their programs.

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. ELA 30-1
   b. Subject from Group A, B, or C (See "Alberta Grade 12 Course Groups," page 8)

OR

3. **Successful completion of one year of a diploma program and Chairperson approval.**

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Students should be aware of the following:

- Whether or not Math 30-1 is required for admission or as a prerequisite varies depending on transfer destination.
- Students without Math 30-1 may limit their eligibility to some major or institutions.
- This recommendation applies only to Bachelor of Arts majors available at RDC and Math 30-1 specifically. For other 30.level admission or prerequisite requirements, or for admission to other degrees, please refer to the appropriate university calendar.

Deficiencies in High School Course Requirements

If you are eligible for admission but need high school equivalency courses, see an Academic Advisor.

Program Content

The following information provides basic program content but does not include specific details regarding requirements. This information is current at the time of publication but may change as the universities change their requirements.

If you wish to check exact degree requirements and transfer equivalents, see the university calendars and the Alberta Transfer Guide (www.transferalberta.ca).

Course Selection

Universities normally place restrictions on the type of courses accepted for the B.A. degree. These restrictions may take the form of required core subjects, or discipline areas and limits on the number of first-year courses that you can take. In selecting courses, you must make sure they meet both the admission and the program requirements of the transfer university.

University of Alberta Bachelor of Arts Core Program Requirements

See Academic Advising Planning Guides for more specific program details: www.rdc.ab.ca/academic_advising. For U of A credit weights, check the Alberta Transfer Guide (www.transferalberta.ca).

U of A will accept for credit those courses and programs listed in the Alberta Transfer Guide to the extent that they are relevant and applicable to the degree to which the student is admitted.

Program Requirements

- Basic Requirements (36 credits).
- A major subject of concentration.
- A minor subject of concentration or two major subjects of concentration.

Students who declare a double major are not permitted to declare a minor.

Basic Requirements:
- Junior English ENGL 219 and ENGL 220.
- Language 6 credits of a language other than English.
- The Study of Science (6 credits) Select 6 credits of transferable coursework from ASTR, BIOC, BIOL, BOTA, CHEM, CMPT, (not CMPT 261) GENE, GEOG (only GEOG 230 and/or GEOG 231), MICRO, MATH, PHYS, PSYC (only PSYC 260, PSYC 312*, PSYC 368, PSYC 369, PSYC 375, and/or PSYC 377) STAT*, ZOOL.
- Breadth and Diversity (18 credits) To acquaint students with and offer them a basic awareness of the variety of disciplines practiced throughout the Faculty of Arts, students must complete 6 credits from each of the following groups: Group 1 Creative Process in the Arts Select six credits of transferable coursework from ART, DRAM, or MUSI (not MUSI 210) Group 2 Cultures and Cultural Products Select six credits of transferable coursework from ENGL, FILM, HIST, CLAS, or PHIL Group 3 Social Systems and Interactions Select six credits of transferable coursework from: ANTH, GEOG (only those courses designated as Arts courses: GEOG 250 and/or GEOG 251), ECON, POLI, PSYC (only those courses designated as Arts courses: PSYC 261, PSYC 312*, PSYC 341, PSYC 347, PSYC 353, PSYC 358, PSYC 389, or SOCI.
- Options (24 credits) Select 24 credits of transferable coursework from ARTS, SCIENCE, or OTHER with an overall maximum of 18 credits from the OTHER category. (Refer to the University of Alberta Calendar for further details).

Arts
Anthropology (ANTH), Art (ART), Classics (CLAS), Drama (DRAM), Economics, (ECON) English (ENGL), Film Studies (FILM), French (FREN), Geography (GEOG) (only GEOG 250, GEOG 251), History (HIST), Music (MUSI, MUSE), Philosophy (PHIL), Political Science (POLI), Psychology (PSYC) (only courses transferring as Faculty of Arts courses), Sociology (SOCI), Spanish (SPAN).

Science
Astronomy (ASTR), Biochemistry (BIOC), Biology (BIOL), Botany (BOT), Chemistry (CHEM), Computing Science (CMPT) (not CMPT 261), Geography (GEOG) (only GEOG 230 and GEOG 231), Genetics (GENE), Mathematics (MATH), Microbiology (MICR), Physics (PHYS), Psychology (PSYC) (only courses transferring as Faculty of Science courses), Statistics (STAT), Zoology (ZOOL).

Other
Accounting (ACCT), Business (BUS, BADM), Communications (COMM), Dance (KDNC), Education (EDCM, EDFN, EDFX, EDIT, EDUC), Engineering (ENCP, ENGG, ENPH), Family Studies (FAM), Geography (GEOG) (only GEOG 318, GEOG 381, GEOG 393), Kinesiology (KNSS, KPED, KPAC, PSIO), Disability & Community Studies (DACS).

Junior Courses
No more than 48 U of A credits at the 200 Level are permitted in your program.

University of Calgary
Bachelor of Arts Core Program Requirements

See Academic Advising Planning Guides for more specific program details: www.rdc.ab.ca/academic_advising. For U of C Credit weights, check the Alberta Transfer Guide (www.transferalberta.ca)

Major Field: 42-60 credits required in the major field.

Optional Minor: requires completion of between 30-36 credits in a particular field of study.

Domain of Science: 6 credits are required from the Faculty of Science. RDC Science courses that fulfill the U of C Science requirement: Astronomy (ASTR 205); Biochemistry (BIOC 393); Biology (BIOL 201, 217, 218, 301, 317, 318); Chemistry (CHEM 211, 212; one of CHEM 351, 352); Computing Science (CMPT 201, 261); Genetics (GENE 370, 375); Mathematics (MATH 221, 204; one of MATH 202, 203); Microbiology (MICR 365); Physics (PHYS 205, 226, 241, 247); Statistics (STAT 251*); Zoology (ZOOL 325, 342)

*Economics, Psychology, Sociology Majors should not take any statistics courses as options.

Options: All students in the Faculty of Arts are encouraged, but not required, to complete at least 15 credits from across the fields of study within the Faculty of Arts.

Complete details are available from Academic Advising.

Refer to the University of Calgary Calendar for further details.

University of Lethbridge
Bachelor of Arts Program Requirements

See Academic Advising Planning Guides for more specific program details: www.rdc.ab.ca/academic_advising. For U of L Credit weights, check the Alberta Transfer Guide (www.transferalberta.ca)

Majors available: Anthropology, Economics, English, French, French/ Spanish, Geography, History, Philosophy, Political Science, Psychology, Sociology.

Art, Dramatic Arts, Agricultural Studies, Archaeology & Geography, Canadian Studies, General Humanities, General Social Science, Urban & Regional studies.

General Liberal Education Requirement (GLER)

The General Liberal Education Requirement (GLER) is a 12-course requirement for all University of Lethbridge undergraduate students. You should complete these requirements by the end of your second year.

You must complete 12 transferable credits from each of the following three areas:
- Humanities and Fine Arts
- Social Sciences
- Science

Humanities and Fine Arts:
All transferable courses in the following subjects are classified as Fine Arts and Humanities (excluding those courses listed as Sciences): ART, DRAM, ENGL, FREN, HIST, MUSI (not MUSE or MUSI 210), PHIL, SPAN.

The following courses are also classified as Fine Arts and Humanities: ANTH 308, CLAS 209, COMM 271, FILM 201, FILM 202, INTD 240, KNSS 205, POLI 308, SOCI 307.

Social Science:
All transferable courses in the following subjects are classified as Social Sciences (excluding those courses listed as Fine Arts and Humanities or Sciences): ANTH, ECON, KNSS (excluding KNSS 280), POLI, PSYC, SOCI.

The following courses are also classified as Social Sciences: FAM 315 (not FAM 322), GEOG 251, GEOG 381, 382.

Science
All transferable courses in the following subjects are classified as Sciences: BIOC, BIOL, CHEM, CMPT, MATH, PHYS, PSIO, ZOOL.

The following courses are also classified as Sciences: ANTH 200, ANTH 306, ANTH 319, ANTH 390, ASTR 205, BUS 307, ENGG 230, GENE 370, GENE 375, GEOG 230, GEOG 231, KNSS 200, KNSS 201, KNSS 307, MICR 365, PHIL 221; PHIL 222 or PHIL 389; PHIL 364, PSYC 260, PSYC 312, PSYC 368, PSYC 369, PSYC 375, PSYC 377; STAT 250 or BADM 111 or BUS 306.

Open Options
Any U of L transferable course for which you have the prerequisite(s) (including transferable COMM).

Program Cost Estimates - 2014/2015

Year 1

Tuition	$ 3,536.00
Student Association Fees	$ 176.00
Fee	$ 60.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 320.00
Books/Materials	$ 1,200.00
Total	$ 5,336.00

Year 2

Tuition	$ 3,536.00
Student Association Fee	$ 176.00
Fee	$ 60.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 320.00
Books/Materials	$ 1,200.00
Total	$ 5,336.00

Graduation Requirements

You must pass 20 term university transfer courses or a minimum of 60 credit hours, and achieve a minimum cumulative GPA of 2.00 to receive a Red Deer College Diploma in University Transfer Studies.

Bachelor of Arts in Anthropology

Chairperson
Dr. Paritosh Ghosh
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

Two-Year University Transfer Program

Red Deer College offers the first two years of these degree programs:
1. Bachelor of Arts
2. Bachelor of Arts (Honours)

Related Careers

Advertising
Government and Civil Service
Research
Retail Sales
Administration
Law Enforcement and Corrections
Counselling
Industrial Relations
International Relations
Public Relations
Management
Radio and Television
Journalism
Urban Planning
Publishing and Printing
Languages and Linguistics
Armed Forces
Writing Consulting
Social Services
Museum Curation
Artist/Illustrator

Graduates may also go on to professional studies (for example in fields such as law, business, education, etc.) or may continue to graduate studies (for a Master's or Doctoral program) in Anthropology.

B.A. graduates generally have superior skills in conceptual analysis, evaluation and critical reasoning, leadership motivation, and interpersonal and communication skills.

The Program

For a general discussion of the B.A. Program, see page 26.
Anthropology in particular is the study of humankind and the human experience from its beginnings to the present day. RDC special interests include cultural anthropology, applied anthropology, African cultures, globalisation and anthropology of religion and cultural change in global and local contexts.

Admission Requirements
See page 27 for admission requirements.

Transfer Features
See page 27 for transfer features.

University of Alberta
See page 27 for the Compulsory Core Requirements that must be completed in the course of the four-year degree.

Credits below = U of A credits. Red Deer College credits may differ from U of A credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Alberta Program Requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
ENGL 219/ENGL 220 (6 credits)
ANTH 200/ANTH 201 (6 credits)
Basic Requirement (18 credits)

Suggested Pattern Year 2
Sr ANTH (12 credits)
Basic Requirement (6 credits)
Open Option (12 credits)

Universities may not grant credit for a 100 level language course if 30 level course in high school was completed in the same language.

University of Calgary
See page 28 for the Compulsory Core Program Requirements that must be completed in the course of the four-year degree.
Credits below = U of C credits. Red Deer College credits may differ from U of C credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Calgary Program requirements on the Bachelor of Arts page for detailed information.

Suggested Year 1 Pattern
ANTH 200/ANTH 201 (6 credits)
ENGL 219/ENGL 220 (6 credits)
Science (6 credits)
Options (12 credits)

Suggested Year 2 Pattern
Sr ANTH (12 credits)
Open Option (18 credits)
U of C recommends taking GEOG 250 and/ or 251 as Open Options

University of Lethbridge
See page 28 for the General Liberal Education Requirements that must be completed in the course of the four-year degree.

Credits below = U of L credits. Red Deer College credits may differ from U of L credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Lethbridge Program requirements on the Bachelor of Arts page for detailed information.

Suggested Year 1 Pattern
ANTH 203/ANTH 204 (6 credits)
ENGL 219/ENGL 220 (6 credits)
Open Option (6 credits)
General Liberal Education Requirements (12 credits)

Suggested Year 2 Pattern
ANTH 361 or Sr ANTH (3 credits)
Sr ANTH (9 credits)
General Liberal Education Requirements (6 credits)
Open Options (12 credits)

Bachelor of Arts in Communications Studies

Chairperson
Dr. Paritosh Ghosh
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

University Transfer Program

Red Deer College offers the first two years of the following degree program:
1. Bachelor of Arts, Major in Communications Studies.

For the most current university program and transfer information, please see the Academic Advising homepage at www.rdc.ab.ca/academic_advising. Click on Planning Guides.

Related Careers

A degree in Communications Studies provides students with skills and knowledge that can apply across a variety of professional situations, from the corporate world to the not-for-profit sector to academic institutions.

The following list provides some career areas that draw Communication Studies graduates for employment:
Advertising
Counselling
Industrial Relations
Public Relations
Management
Radio and Television
Publishing and Printing
Journalism
Languages and Linguistics
Writing
Consulting
Social Services
Government and Civil Service
International Relations
Banking and Finance
Research
Investment Dealing
Retail Sales
Administration
Law Enforcement and Corrections
Real Estate
Recreation
Armed Forces
Insurance
Urban Planning

Graduates may also go on to professional studies (in fields such as law, business, education, etc.) or may continue to graduate studies (in a Master's or Doctoral program) in Communication Studies or another academic discipline such as Sociology or Women's Studies. B.A. graduates generally have superior skills in conceptual analysis, evaluation and critical reasoning, leadership motivation, and interpersonal and communication skills.

The Program

For a general discussion of the B.A. Program, see page 26. Communication Studies provides an understanding of communications research and practice. Students can pursue a broad range of study, including the areas of media studies and rhetoric and discourse.

Admission Requirements

See page 27 for admission requirements.

Transfer Features

See page 28 for transfer features.

University of Calgary

See page 25 for Compulsory Core Requirements that must be completed in the course of the four-year degree.

Requirements that must be completed in the course of the four-year degree.

Credits below = U of C credits. Red Deer College credits may differ from U of C credits. Check the Alberta Transfer Guide for transfer credit information.

Suggested Pattern Year 1
COMM 271 (3 credits)
COMM 369 (3 credits)
COMM 381 (3 credits)
ENGL 219/ENGL 220 (6 credits)
Intercultural Requirement (6 credits)
Science requirement (6 credits)
Option (3 credits)

Suggested Pattern Year 2
COMM 341 (3 credits)
COMM 371 (3 credits)
COMM 375 (3 credits)
COMM 381 (3 credits)
Options (6 credits)
Intercultural Requirement (6 credits)
6 credits from Communications options. from LIST B (see below).

LIST B courses available at RDC: BUS 303, FILM 201, FILM 202, PHIL 201, PHIL 301, PHIL 350

Bachelor of Arts in Economics

Chairperson
Dr. Paritosh Ghosh
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

Two-Year University Transfer Program

Red Deer College offers the first two years of these degree programs:
1. Bachelor of Arts
2. Bachelor of Arts (Honours)

Related Careers

The following careers are open to graduates with a BA in Economics. Some may require additional training or certification in the specific field:
Securities Broker
Commoditiesbroker
Financial Manager
nsurance Agent
Banker
Credit Analyst
Investment Analyst
Researcher
Auditor
Sales Representative
Real Estate Agent
Financial Planner
Government Policy Analyst
Economic Development Officer

Many BA graduates pursue further degrees in professional fields (such as law or business administration) or graduate degrees in Economics (MA or PhD degree). The following careers are open to graduates with such degrees:
Professor
Research Economist
Lawyer
Accountant
Business Administrator
Regional/Urban Planner

B.A. graduates generally have superior skills in conceptual analysis, evaluation and critical reasoning, leadership motivation, and interpersonal and communication skills.

The Program

For a general discussion of the B.A. Program, see page 26.
Economics studies how households, businesses and governments make choices about how to allocate scarce resources in order to best satisfy individual and social wants. The tools of economics can be used to analyse issues as diverse as unemployment, inflation, globalization, discrimination, environmental issues, taxation, health care and professional sports. Each year courses are offered in microeconomics and macroeconomics, and in selected fields such as money and banking, labour economics, international economics, sports economics, development economics and industrial organization.

Admission Requirements

See page 27 for admission requirements. Math 30-1 is essential for pursuing a B.A. majoring in Economics. If you do not have Math 30-1, you may pursue the equivalent course during your first year at RDC. For further information, see an Academic Advisor.

Transfer Features

See page 27 for transfer features.

University of Alberta

See page 27 for the Compulsory Core Requirements that must be completed in the course of the four-year degree.

Credits below = U of A credits. Red Deer College credits may differ from U of A credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Alberta Program Requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
ENGL 219/ENGL 220 (6 credits)
ECON 201 (3 credits)
ECON 202 (3 credits)
MATH 202 or 203 (3 credits)
Basic Requirement (15 credits)

Suggested Pattern Year 2
ECON 381 (3 credits)
Sr Econ (6 credits)
STAT 251 (3 credits)
Basic Requirement (6 credits)
Open Option (12 credits)

University of Calgary

See page 28 for the Cumpulsory Core Requirements that must be completed in the course of the four-year degree

Credits below = U of C credits. Red Deer College credits may differ from U of C credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Calgary Program requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
ECON 201/ECON 202 (6 credits)
ENGL 219/ENGL 220 (6 credits)
Science requirement (6 credits)
MATH 202 (3 credits)
MATH 221 (3 credits)
STAT 251 (3 credits)

Suggested Pattern Year 2
ECON 381 (3 credits)
Sr ECON (15 credits)
Open Options (18 credits)

University of Lethbridge

See page 28 for the General Liberal Education Requirements that must be completed in the course of the four-year degree.

Credits below = U of L credits. Red Deer College credits may differ from U of L credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Lethbridge Program requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
ECON 201/ECON 202 (6 credits)
MATH 202 (3 credits)
STAT 251 (3 credits)
ENGL 219/ENGL 220 (6 credits)
General Liberal Education Requirements (12 credits)

Suggested Pattern Year 2
ECON 381 (3 credits)
Sr ECON (6 credits)
BUS 307 (3 credits)
Open Options or GLER (18 credits)

Bachelor of Arts in English

Chairperson
Dr. Paritosh Ghosh
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

Two-Year University Transfer Program

Red Deer College offers the first two years of these degree programs:
1. Bachelor of Arts
2. Bachelor of Arts (Honours)

Four-Year Degree Completion

Years three and four of a University of Calgary Bachelor of Arts English major degree can also be completed on the campus of Red Deer College. See the section entitled "Degree Completion Programs: University of Calgary Bachelor of Arts".

For the most current university program and transfer information, please see the Academic Advising homepage at www.rdc.ab.ca/academic_advising. Click on Planning Guides.

Related Careers

The study of English develops the skills you require in the workplace - creative problem solving, accurate research, persuasive writing, and confident public speaking. It may lead to jobs in any of the following areas:
Advertising
Government and Civil Service
Research
Administration
Public Relations
Management
Radio and Television
Journalism
Publishing & Printing
Languages and Linguistics
Writing Consulting

Graduates may also go on to professional studies (for example, in fields such as law, business, education, etc.) or may continue to graduate studies (for a Master's or Doctoral program) in English. B.A. graduates generally have superior skills in conceptual analysis, evaluation and critical reasoning, leadership, motivation, and interpersonal and communication skills.

The Program
For a general discussion of the B.A. Program, see page 26.
RDC offers courses that range from Shakespeare to aboriginal literature, expository to creative writing, national literatures to popular genres, allowing you to learn practical skills while acquiring cultural knowledge.

Admission Requirements
See page 27 for admission requirements.

Transfer Features
See page 27 for transfer features.

University of Alberta
See page 27 for the Compulsory Core Requirements that must be completed in the course of the four-year degree.

Credits below = U of A credits. Red Deer College credits may differ from U of A credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Alberta Program Requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
ENGL 219/ENGL 220 (6 credits) Basic Requirements (24 credits)

Suggested Pattern Year 2
ENGL 332 (full year course) (6 credits)
ENGL 376 or 377 (3 credits)
Sr ENGL (3 credits)
Options (12 credits)

University of Calgary
See page 28 for the Compulsory Core Requirements that must be completed in the course of the four-year degree.

Credits below = U of C credits. Red Deer College credits may differ from U of C credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Calgary Program requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
ENGL 219/220 (6 credits)
Language other than English (6 credits)
Sciences requirement (6 credits)
Open Option (12 credits)

Suggested Pattern Year 2
ENGL 302 (6 credits)
ENGL 340 (6 credits)
Sr. ENGL (6 credits)
Open Option (12 credits)

See the section entitled "Degree Completion Programs: University of Calgary Bachelor of Arts".

University of Lethbridge
See page 28 for the General Liberal Education Requirements that must be completed in the course of the four-year degree.

Credits below = U of L credits. Red Deer College credits may differ from U of L credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Lethbridge Program requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
ENGL 219/ENGL 220 (6 credits)
Open Options (12 credits)
General Liberal Education Requirements (12 credits)

Suggested Pattern Year 2
Sr. ENGL (12 credits)
Open Options (6 credits)
General Liberal Education Requirements (12 credits)

Bachelor of Arts in French or Spanish

Chairperson
Dr. Paritosh Ghosh
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

Two-Year University Transfer Program

Red Deer College offers the first two years of these degree programs:
1. Bachelor of Arts
2. Bachelor of Arts (Honours)

Related Careers
The study of a second language complements any career as it broadens a student's intercultural understanding, improves communication skills, facilitates international business and expands international work opportunities. Fluency in French and/or Spanish can give an applicant for any position a clear advantage over unilingual candidates. In Canada, proficiency in French is desirable in civil service positions and the study of French and/

or Spanish can also lead to a career in foreign service. Specializing in French and/or Spanish can lead to a career in teaching or translation/ interpretation, as well as open doors to graduate study, international business, international law and many other fields. Learning a second language helps one better understand one's native language, and helps to develop a student's analytical and critical reading skills. In the global economy where free trade within the Americas, Europe and Asia is constantly expanding, a foreign language is increasingly becoming an essential tool.

Graduates may also go on to professional studies (for example in fields such as law, business, education, etc.) or may continue to graduate studies (for a Master's or Doctoral program) in French or Spanish.

B.A. graduates generally have superior skills in conceptual analysis, evaluation and critical reasoning, leadership motivation, and interpersonal and communication skills.

The Program

For a general discussion of the B.A. Program, see page 24.
French and Spanish cover the study of grammar and literature of the French and Spanish languages. Some courses include sample readings from French-speaking and Spanish-speaking countries. Red Deer College offers introductory to advanced French language courses. Beginner's level to second year university courses are available. Red Deer College also offers beginner's and university level Spanish courses.

Admission Requirements

See page 27 for admission requirements.

Transfer Features

See page 27 for transfer features.

University of Alberta

See page 27 for the Compulsory Core Requirements that must be completed in the course of the four-year degree.

Credits below = U of A credits. Red Deer College credits may differ from U of A credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Alberta Program Requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
French and/or Spanish (FREN) (SPAN)

ENGL 219/ENGL 220 (6 credits)
French or Spanish (6 credits)*
French or Spanish or Basic Requirement (12 credits)

Suggested Pattern Year 2
French and/or Spanish (FREN) (SPAN)
French or Spanish (6 credits) Basic Requirement (12 credits) Open Option (12 credits)

Note: Level determined by students' prerequisites, refer to the RDC calendar for course prerequisite information. Students presenting French Language ARTS 30 or Francais 30 may apply for advanced placement directly into FREN 203. Those wanting credit for FREN 202 may apply to challenge the course. The recommended pattern may vary depending on prerequisites presented.

University of Calgary

See page 28 for the Compulsory Core Requirements that must be completed in the course of the four-year degree.

Credits below = U of C credits. Red Deer College credits may differ from U of C credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Calgary Program requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1 French or Spanish
*recommended to transfer after Year 1
ENGL 219/ENGL 220 (6 credits)
FREN 202/FREN 203 (6 credits) **or**
SPAN 201/SPAN 202 (6 credits)
Science requirement (6 credits)
Option (12 credits)

University of Lethbridge

See page 28 for the General Liberal Education Requirements that must be completed in the course of the four-year degree.
Credits below = U of L credits. Red Deer College credits may differ from U of L credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Lethbridge Program requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1 French
*Must transfer after year 1
FREN 202/FREN 203 (6 credits)
ENGL 219/ENGL 220 (6 credits)
Open Options (6 credits)
General Liberal Education Requirements (12 credits)

Bachelor of Arts in History

Chairperson
Dr. Paritosh Ghosh
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

Two-Year University Transfer Program

Red Deer College offers the first two years of these degree programs:
1. Bachelor of Arts
2. Bachelor of Arts (Honours)

Related Careers

Advertising
Government and Civil Service
Research
Administration
Law Enforcement and Corrections
Public Relations
Management
Radio and Television
Recreation
Journalism
Urban Planning
Publishing & Printing
Armed Forces
Writing
Consulting
Museum
Archivist

Graduates may also go on to professional studies (for example in fields such as law, business, education, etc.) or may continue to graduate studies (for a Master's or Doctoral program) in History. B.A. graduates generally have superior skills in conceptual analysis, evaluation and critical reasoning, leadership motivation, and interpersonal and communication skills.

The Program

For a general discussion of the B.A. Program, see page 26.
History is the analysis of the human past. Courses are offered in three main areas: Canada, Europe and British. RDC special interests include Western Canadian history, British Empire and Commonwealth, Modern British social history and Modern Europe. First year courses include Classics, Medieval, Early Modern World, and Modern World.

Admission Requirements

See page 27 for admission requirements.

Transfer Features

See page 27 for transfer features.

Note: While there are no prerequisites for second year History courses, students are encouraged to learn the fundamentals of historical writing and research in first year courses.

University of Alberta

See page 27 for the Compulsory Core Requirements that must be completed in the course of the four-year degree.

Credits below = U of A credits. Red Deer College credits may differ from U of A credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Alberta Program Requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
ENGL 219/ENGL 220 (6 credits)
Junior History (two of HIST 207, 208, 209 or CLAS 209) (6 credits)
Basic Requirement (18 credits)

Suggested Pattern Year 2
Sr. HIST (12 credits)
Basic Requirement (6 credits)
Open Option (12 credits)

University of Calgary

See page 28 for the Compulsory Core Requirements that must be completed in the course of the four-year degree.

Credits below = U of C credits. Red Deer College credits may differ from U of C credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Calgary Program requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
ENGL 219/ENGL 220 (6 credits)
Any two of HIST 207,HIST 208, HIST 209 (6 credits)
Science requirement(6 credits)
Options (12 credits)

Suggested Pattern Year 2
HIST 373/HIST 374 (6 credits)
Sr HIST (12 credits)
Open Option (12 credits)

University of Lethbridge

See page 28 for the General Liberal Education Requirements that must be completed in the course of the four-year degree.

Credits below = U of L credits. Red Deer College credits may differ from U of L credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Lethbridge Program requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
HIST 207 or 209 (3 credits)
Jr HIST (3 credits)
ENGL 219/ENGL 220 (6 credits)
General Liberal Education Requirements (12 credits)
Open Option (6 credits)

Suggested Pattern Year 2
Sr HIST (9 credits)
HIST 373 or HIST 374 (3 credits)
General Liberal Education Requirements (6 credits)
Open Options (12 credits)

Bachelor of Arts in Philosophy

Chairperson
Dr. Paritosh Ghosh
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

Two-Year University Transfer Program

Red Deer College offers the first two years of these degree programs:
1. Bachelor of Arts
2. Bachelor of Arts (Honours)

For the most current university program and transfer information, please see the Academic Advising homepage at www.rdc.ab.ca/academic_advising. Click on Planning Guides.

Related Careers

Administration
Government and Civil Service
Research
Management
Journalism
Publishing
Computing and Information Technology
Ethics Practitioner (Hospital, Business)

Graduates may also go on to professional studies (for example in fields such as law, business, education, etc.) or may continue to graduate studies (for a Master's or Doctoral program) in Philosophy. B.A. graduates generally have superior skills in conceptual analysis, evaluation and critical reasoning, leadership motivation, and interpersonal and communication skills.

The Program

For a general discussion of the B.A. Program, see page 26.
Philosophy is the study of thought and reasoning, with special application to abstract and conceptual areas of enquiry typically outside of the fields of the sciences, such as the Nature of Reality or Moral Values.

Admission Requirements

See page 27 for admission requirements.

Transfer Features

See page 27 for transfer features.

University of Alberta

See page 27 for the Compulsory Core Requirements that must be completed in the course of the four-year degree.

Credits below = U of A credits. Red Deer College credits may differ from U of A credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Alberta Program Requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
ENGL 219/ENGL 220 (6 credits)
PHIL 201(3 credits)
PHIL 202 (3 credits)
Basic Requirement (18 credits)

Suggested Pattern Year 2
Sr Phil (12 credits)
Basic Requirement (6 credits)
Open Option (12 credits)

University of Calgary

See page 28 for the Compulsory Core Requirements that must be completed in the course of the four-year degree.

Credits below = U of C credits. Red Deer College credits may differ from U of C credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Calgary Program requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
ENGL 219/ENGL 220 (6 credits)
Language other than English (6 credits)
PHIL 201 or PHIL 202 (3 credits)
PHIL 222 (3 credits)
Science requirement (6 credits)
Option (6 credits)

Suggested Pattern Year 2
Sr PHIL (15 credits) Open Option (15 credits)

University of Lethbridge

See page 28 for the General Liberal Education Requirements that must be completed in the course of the four-year degree.

Credits below = U of L credits. Red Deer College credits may differ from U of L credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Lethbridge Program requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
PHIL 201/PHIL 202 (6 credits)
PHIL 221/PHIL 222 (6 credits)
ENGL 219/ENGL 220 (6 credits)
General Liberal Education Requirements (12 credits)

Suggested Pattern Year 2
Sr. PHIL (6 credits)
Open Options (18 credits)
General Liberal Education Requirements (6 credits)

Bachelor of Arts in Political Science

Chairperson
Dr. Paritosh Ghosh
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

Two-Year University Transfer Program

Red Deer College offers the first two years of these degree programs:
1. Bachelor of Arts
2. Bachelor of Arts (Honours)
For the most current university program and transfer information, please see the Academic Advising homepage at www.rdc.ab.ca/academic_advising. Click on Planning Guides.

Related Careers

Law
Government and Civil Service
Radio and Television
Education
Research
Journalism
Armed Forces
Consulting
Industrial Relations
Law Enforcement and Corrections
Urban Planning
Banking and Finance
Social Services
Administration
Recreation
Investment Dealing
Advertising
Public Relations
Management
Counselling
Real Estate
Insurance
Publishing and Printing
Languages and Linguistics
Writing
Retail Sales

Graduates may also go on to graduate studies (for a Master's or Doctoral program) in Political Science.

Liberal Arts graduates generally have superior skills in conceptual analysis, evaluation and critical reasoning, leadership motivation, and interpersonal and communication skills.

The Program

For a general discussion of the B.A. Program, see page 26.
Political Science is the study of politics and government, the location and use of power in society, and quests for human betterment.

Admission Requirements

See page 27 for admission requirements.

Transfer Features

See page 27 for transfer features.

University of Alberta

See page 27 for the Compulsory Core

Requirements that must be completed in the course of the four-year degree.

Credits below = U of A credits. Red Deer College credits may differ from U of A credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Alberta Program Requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
ENGL 219/ENGL 220 (6 credits)
POLI 200 (6 credits)
OR
POLI 201/POLI 283 (6 credits)
Basic Requirement (18 credits)

Suggested Pattern Year 2
POLI 308 (3 credits)
POLI 309 (3 credits)
POLI 320 (6 credits)
Basic Requirement (6 credits)
Open Option (12 credits)

University of Calgary

See page 28 for the Compulsory Core Requirements that must be completed in the course of the four-year program.

Credits below = U of C credits. Red Deer College credits may differ from U of C credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Calgary Program requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
ENGL 219/ENGL 220 (6 credits)
POLI 200 (6 credits)
OR
POLI 201/POLI 283 (6 credits)
Science requirement (6 credits)
Open Option (12 credits)

Suggested Pattern Year 2
POLI 308/POLI 309 (6 credits)
POLI 320 (6 credits)
POLI 360 or Sr POLI (6 credits)
Open Option (12 credits)

University of Lethbridge

See page 28 for the General Liberal Education Requirements that must be completed in the course of the four-year degree.

Credits below = U of L credits. Red Deer College credits may differ from U of L credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Lethbridge Program requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
POLI 200 (6 credits)
OR
POLI 201/POLI 283(6 credits)
ENGL 219/ENGL 220 (6 credits)
General Liberal Education Requirements (18 credits)

Suggested Pattern Year 2
Sr POLI (3 credits)
POLI 308 or 309 (3 credits)
POLI 320 (6 credits)
Open Options (18 credits)

Bachelor of Arts in Psychology

Chairperson
Dr. Paritosh Ghosh
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

Two-Year University Transfer Program

Red Deer College offers the first two years of these degree programs:
1. Bachelor of Arts
2. Bachelor of Arts (Honours)

Four-Year Degree Completion

Years three and four of a University of Calgary Bachelor of Arts Psychology major degree can also be completed on the campus of Red Deer College. See also the section entitled "University of Calgary Bachelor of Arts Completion at Red Deer College".

For the most current university program and transfer information, please see the Academic Advising homepage at www.rdc.ab.ca/academic_advising. Click on Planning Guides.

Related Careers

Social Services
Advertising
Government and Civil Service
Research
Retail Sales
Administration
Law Enforcement and Corrections
Counselling Industrial Relations
Public Relations
Management
Radio and Television
Real Estate
Recreation
Journalism
Insurance
Urban Planning
Consulting

Through graduate studies in Psychology, students may become chartered psychologists, working in clinical settings with clients who have emotional problems or mental illness. They may also study to become research psychologists in one of the many areas of psychology. Graduates may also go on to professional studies in fields such as medicine, law, or business. Psychology graduates generally have superior skills in problem solving, critical thinking, collecting, analyzing and interpreting data, writing and communicating.

The Program

For a general discussion of the B.A. Program, see page 26.
Psychology is the study of mental processes and behavior. RDC special interests include: memory and attention, social psychology, physiological psychology, and anomalous experiences.

Admission Requirements

See page 27 for admission requirements.

Transfer Features

See page 27 for transfer features.

University of Alberta

See page 27 for the Compulsory Core Requirements that must be completed in the course of the four-year degree.

Credits below = U of A credits. Red Deer College credits may differ from U of A credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Alberta Program Requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
ENGL 219/ENGL 220 (6 credits)
PSYC 260 (3 credits)
PSYC 261 (3 credits)
Basic Requirement (18 credits)

Suggested Pattern Year 2
PSYC 312 (6 credits)
Sr PSYC (6 credits) chosen from PSYC 353, 383, 341, 358, 369, 375
Basic Requirement (6 credits)
Open Option (12 credits)

University of Calgary

See page 28 for the Compulsory Core Requirements that must be completed in the course of the four-year degree.

Credits below = U of C credits. Red Deer College credits may differ from U of C credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Calgary Program requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
ENGL 219/ENGL 220 (6 credits) PSYC 260/PSYC 261 (6 credits)
Science requirement (6 credits) Options (12 credits)

Suggested Pattern Year 2
Sr. PSYC from Foundation courses (12 credits)
PSYC 312 (6 credits)
Open Option (12 credits)

University of Lethbridge

See page 28 for the General Liberal Education Requirements that must be completed in the course of the four-year degree.

Credits below = U of L credits. Red Deer College credits may differ from U of L credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Lethbridge Program requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
PSYC 260/PSYC 261 (6 credits)
ENGL 219/ENGL 220 (6 credits)
General Liberal Education Requirements (15 credits)
Open Option (3 credits)

Suggested Pattern Year 2
PSYC 312 (6 credits)
PSYC 375/PSYC 341 (6 credits)
Open Options (18 credits)

Bachelor of Arts in Sociology

Chairperson
Dr. Paritosh Ghosh
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

Two-Year University Transfer Program

Red Deer College offers the first two years of these degree programs:
1. Bachelor of Arts
2. Bachelor of Arts (Honours)

Four-Year Degree Completion

Years three and four of a University of Calgary Bachelor of Arts Sociology major degree can also be completed on the campus of Red Deer College. See also the section entitled "University of Calgary Bachelor of Arts Completion at Red Deer College".

For the most current university program and transfer information, please see the Academic Advising homepage at www.rdc.ab.ca/academic_advising. Click on Planning Guides.

Related Careers

Advertising
Government and Civil Service
Research
Administration
Law Enforcement and Corrections
Industrial Relations
Public Relations
Management
Radio and Television
Recreation
Journalism
Urban Planning
Publishing & Printing
Armed Forces
Writing
Consulting
Social Services

Graduates may also go on to professional studies (for example in fields such as law, business, education, etc.) or may continue to graduate studies (for a Master's or Doctoral program) in Sociology. B.A. graduates generally have superior skills in conceptual analysis, evaluation and critical reasoning, leadership motivation, and interpersonal and communication skills.

The Program

For a general discussion of the B.A. Program, see page 26.
Sociology is the study of the organization and process of human society. Courses are offered in social theory, social research methods, and areas of special interest which include the following: criminology, medical sociology, First Nations sociology, ethnic relations, social stratification, gender, family, aging, and mass media and popular culture.

Admission Requirements

See page 27 for admission requirements.

Transfer Features

See page 27 for transfer features.

University of Alberta

See page 27 for the Compulsory Core Requirements that must be completed in the course of the four-year degree.

Credits below = U of A credits. Red Deer College credits may differ from U of A credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Alberta Program Requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
ENGL 219/ENGL 220 (6 credits)
SOCI 260 (3 credits)
SOCI 261 (3 credits)
Basic Requirement (18 credits)

Suggested Pattern Year 2
SOCI 332 (3 credits)
SOCI 312 (3 credits)
SOCI 310 (3 credits)
Sr SOCI (3 credits)
Basic Requirement (6 credits)
Open Option (12 credits)

Note: Sociology 261 is not required as a prerequisite for senior Sociology courses; it is strongly recommended.

Criminology Concentration
Students seeking admission to Criminology should include ENGL 219/ 220, SOCI 260, PSYC 260/261 and a Language other than English in the first year of their program.

University of Calgary
See page 28 for the Compulsory Core Requirements that must be completed in the course of the four-year degree.

Credits below = U of C credits. Red Deer College credits may differ from U of C credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Calgary Program requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
ENGL 219/ENGL 220 (6 credits)
SOCI 260/SOCI 261 (6 credits)
Science requirement (6 credits)
Options (12 credits)

Suggested Pattern Year 2
SOCI 332/SOCI 333 (6 credits)
SOCI 310/SOCI 312 (6 credits)
Sr SOCI Options (6 credits)
Open Option (12 credits)

University of Lethbridge
See page 28 for the General Liberal Education Requirements that must be completed in the course of the four-year degree.

Credits below = U of L credits. Red Deer College credits may differ from U of L credits. Check the Alberta Transfer Guide for transfer credit information.

Refer to the University of Lethbridge Program requirements on the Bachelor of Arts page for detailed information.

Suggested Pattern Year 1
SOCI 260/SOCI 261 (6 credits)
ENGL 219/ENGL 220 (6 credits)
General Liberal Education Requirements (18 credits)

Suggested Pattern Year 2
SOCI 310/SOCI 312 (6 credits)
SOCI 332/SOCI 333 (6 credits)
Open Options (18 credits)

Bachelor of Commerce
Donald School of Business - Downtown

Associate Dean
Dr. Diane Janes
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

One- and Two-Year University Transfer Program
For the most current university program and transfer information, please see the Academic Advising homepage. Click on Academic Planning Guides.

Related Careers
Bachelor of Commerce programs prepare you for a wide range of professional and/ or management level careers in business or the public sector. Bachelor of Commerce graduates are tomorrow's leaders in the world of business and government.

The Program
The Bachelor of Commerce program will provide you with background skills and knowledge in the various specialized areas of business, as well as in the humanities and social sciences. Emphasis is on developing the ability to analyze various organizational problems of a human and/or technical nature.

At RDC, students may complete Year 1 and Year 2 of the programs at the University of Alberta, University of Calgary, University of Lethbridge, Athabasca University or other Canadian universities. When the student transfers to the University of his/her choice, a specialized area of study (a major) may be selected. These specializations include:
- Accounting
- Computer Science
- Economics
- E-Commerce
- Entrepreneurship & Innovation
- First Nations' Governance
- Human Resource Management & Labour Relations
- Finance
- International Business
- Marketing
- Political Science
- Others as offered by the University you choose

Transfer Features
Most universities have enrollment quotas. You must compete for admission. A G.P.A. of 3.00 or higher is recommended. For course by course transfer agreements, please see www.transferalberta.ca.

Admission Requirements

1. **Minimum average of 60% and no mark below 50% in:**
   a. ELA 30-1
   b. Mathematics 30-1
   c. Subject from Group A or C (Social Studies 30-1 recommended)
   d. Subject from Group A or C
   e. Subject from Group A, B, or C (Math 31 recommended) (See "Alberta Grade 12 Course Groups, page 8)

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. ELA 30-1
   b. Mathematics 30-1

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

University of Alberta (Alberta School of Business, Bachelor of Commerce (BCom)

All applicants must complete one year of pre-professional studies in order to apply to the program.

Suggested Pattern Year 1
BUS 201 (3 credits)
BUS 306/BUS 307 (6 credits)
ECON 201/ECON 202 (6 credits)
ENGL 219/ENGL 220 (6 credits)
MATH 202 or MATH 203 (3 credits)
Two Non-Business Options (6 credits)

Suggested Pattern Year 2
ACCT 202/ACCT 204 (6 credits)
BADM 132 (3 credits)
BUS 303 (3 credits)
BUS 310 (3 credits)
BUS 311 (3 credits)
Four Non-Business Options (12 credits)

This program will vary slightly depending on the major chosen.

University of Calgary Haskayne School of Business, Bachelor of Commerce (BCom)

Entry to the B.Com Program at U of C requires 1 year (30 credits) of pre-professional studies.

Suggested Pattern Year 1
BUS 306/BUS 307 (6 credits)
ECON 201/ECON 202 (6 credits)
ENGL 219/ENGL 220 (6 credits) **OR**
ENGL 219 & PHIL 201 (6 credits) **OR**
ENGL 219 & Junior Humanities Option (6 credits) **OR**
ENGL 219 & Fine Arts Option (6 credits)
MATH 202 OR MATH 203 (3 credits)
One Junior Science Option (3 credits)
One Junior Social Science Option (3 credits)
One Junior Non-Commerce Options (3 credits)

Note: All courses which you intend to submit to the U of C for admission requirements must be completed by June 30 of the year in which you intend to transfer.

University of Lethbridge (Faculty of Management, Bachelor of Management)

Applicants who have completed three or more transferable semester courses at one or more post-secondary institutions will be considered for admission as New Transfer applicants.

Suggested Pattern Year 1
BUS 306 (3 credits)
ECON 201/ECON 202 (6 credits)
ENGL 219/ENGL 220 (6 credits)
BUS 201 (3 credits)
Four General Liberal Education Requirements GLER/Option (12 credits)

Suggested Pattern Year 2
ACCT 202/ACCT 204 (6 credits) **OR**
ACCT 202/ACCT 104 (6 credits)
BADM 132 (3 credits)
BUS 303 (3 credits)
BUS 310 (3 credits)
Four General Liberal Education Requirements GLER/Option (12 credits)

This program will vary slightly depending on the major chosen.

Athabasca University (Bachelor of Commerce)

For specific program requirements and regulations, please contact Athabasca University directly. www.business.athabascau.ca (1.800.468.6531).

Note: Athabasca University has an open admission policy.

Suggested Pattern Year 1
BADM 110 (3 credits)
CMPT 261 (3 credits)
COMM 250 (3 credits)
ECON 201/ECON 202 (6 credits)
ENGL 219/220 (Recommended)(6 credits)
OR
ENGL 219 and one Junior Humanities,
Science or Social Science (6 credits)
MATH 202 (3 credits)
Two Junior Humanities, Science or Social Science (6 credits)

Suggested Pattern Year 2
ACCT 202/ACCT 204 (6 credits)
BUS 306/BUS 307 (6 credits)
BUS 311 (3 credits)
Four Senior Humanities, Science or Social Science (12 credits)
One of BADM 132 or BADM 281 or BUS 303

Canadian University College (CUC) (Bachelor of Business Administration)

Canadian University College provides students with the opportunity to transfer into its Bachelor of Business Administration (4-yr) degree program. To meet the core, cognate, and major requirements for transfer into this program, you should consult with an Academic Advisor at CUC.

Program Cost Estimates - 2014/2015

Year 1

Tuition	$ 3,646.50
Student Association Fees	$ 181.50
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 330.00
Books/Materials	$ 1,050.00
Total	$ 5,252.00

Year 2

Tuition	$ 3,536.00
Student Association Fees	$ 176.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 320.00
Books/Materials	$ 1.050.00
Total	$ 5,126.00

Graduation Requirements

You must pass 20 term university transfer courses or a minimum of 60 credit hours, and achieve a minimum cumulative GPA of 2.00 to receive a Diploma in University Transfer Studies.

Bachelor of Education

Chairperson
Brent Galloway
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

One- and Two-Year University Transfer Program

For the most current university program and transfer information, please see the Academic Advising homepage at www.rdc.ab.ca/academic_advising. Click on Academic Planning Guides.

The Program

Graduates of the four-year Bachelor of Education program (University of Alberta) and the five-year combined degree program (University of Alberta and Lethbridge) are eligible to apply for Teacher Certification in the Province of Alberta and all other provinces. Red Deer College offers up to two years of these programs.

Your educational experience is further enhanced through active participation in the Education Undergraduate Society (EUS). Membership in this society entitles you to attend conferences, conventions and other activities of the Alberta Teachers' Association.

Transfer Features

You may transfer up to 60 credits taken at Red Deer College to the university of your choice. Some routes and majors may require transfer after one year if Red Deer College does not offer all needed courses.

Before planning your program and registering, decide on the university you want to attend, the grade level you want to teach, and the subject area in which you want to specialize. (See details under "University Transfer Programs.")

The University of Calgary offers a two-year after-degree Bachelor of Education (Master of Teaching Program). Students need to complete a recognized undergraduate degree prior to entering this program.

The Calgary Faculty of Education continues to offer a number of five-year combined degree programs in which you can attain both a Bachelor of Education and another Bachelor degree at the same time. Interested students should contact the University of Calgary or an Academic Advisor.

Transfer institutions accept a limited number of students to the Bachelor of Education program. Successful transfer is based on proper course selection, credit hours completed, grade point average (G.P.A.), and other requirements. These requirements vary depending on which university, route, and major/minor you choose. Some routes and majors are more competitive than others and may require a higher grade point average for transfer.

Detailed information regarding course selection and transfer requirements for University of Alberta and University of Lethbridge are provided by Red Deer College before you register. If you plan to transfer elsewhere, you may need to contact your destination university or college regarding course planning. Academic Advisors at Red Deer College can assist you in this process.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. ELA 30-1
   b. Three subjects from Group A or C
   c. Subject from Group A, B, C, or D (See "Alberta Grade 12 Course Groups," page 8)

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. ELA 30-1
   b. Subject from Group A or C (See "Alberta Grade 12 Course Groups, page 8).

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Note: If you are admitted as a Mature Student, you still must meet prerequisite requirements for university transfer courses. (Prerequisites for Red Deer College university transfer courses are listed under the course descriptions at the back of this Calendar.) You may have to take more 30-level high school subjects than the minimum stated above, in order to complete courses needed for your degree.

Although not required for admission, it is strongly suggested that students entering Elementary Education possess Math 30-1 or Math 30-2 in order to meet the prerequisites of certain courses within the degree.

Important Notes:
For interim certification applicants must provide evidence of Canadian citizenship or permanent residency and must be proficient in English or French.

Students should be aware that **all persons applying for certification as a teacher in Alberta will be subject to the following restrictions on eligibility:**

Except where the Minister of Education decides otherwise, the Registrar, Teacher Development and Certification shall not issue a teaching certificate to:

a. A person who has been convicted for an indictable offense under the Criminal Code.

OR

b. A person whom the Registrar has reason to believe should not be issued a certificate.

The Registrar shall refuse to issue a teaching certificate to any applicant possessing an indictable criminal conviction. The Registrar may refuse to issue a teaching certificate to an applicant possessing a criminal conviction of a nature deemed unsuitable for teaching children or for any other reason. Applicants may appeal the decision of the Registrar to a Certification Appeal Committee established by the Minister. Appeals must be made in writing within 30 days of being advised of the Registrar's decision not to issue a certificate.

For additional information please contact the Registrar, Teacher Development and Certification, Alberta Education at 310.000 and then 780.427.2045.

University Programs

Legend:

\+ Apply to the Kinesiology program.
* Transfer after one year may be necessary.
* * Transfer may be difficult at this time. Courses needed may not be available at Red Deer College. You should have an alternate major in mind and/or apply directly to the University.
*** Graduates of the Music, Theatre Studies (Performance or Technology majors only) and Visual Arts diplomas may apply to the University of Lethbridge's post-diploma BMus/BEd or BFA/BEd and complete these two degrees with an additional 35 courses.

Please see an Academic Advisor if you have questions about the Music, Theatre Studies or Visual Arts programs.

University of Alberta

Elementary (Kindergarten to Grade 6)

Generalist Program

Secondary (Grades 7-12)

Majors include:

- Art * **
- Biological Sciences
- Career & Technology Studies * **
- Chemistry
- English Language Arts
- General Sciences
- Mathematics *
- Music *
- Physical Education

- Physical Sciences
- Physics *
- Second Languages (French) *
- Second Languages (Spanish) *
- Social Studies

Minors include:
All major subjects above and
- Drama
- Health Education
- Instructional Technology **
- Special Education

University of Lethbridge

Students completing a combined degree through the U of L take two majors, one major for each degree.

Degree BA/BEd

Art	Art Education *
Dramatic Arts	Drama Education *
Economics	Social Studies Education*
English	English Language Arts Ed.
French	Modern Languages Ed. *
French/Spanish	Modern Languages Ed French/Spanish*
Geography	Social Sciences Education*
Gen. Humanities	English Language Arts Ed.
Gen. Soc. Sci.	Physical Education +
Gen. Soc. Sci.	Social Studies Education
History	Social Studies Education
* Kinesiology	Physical Education +
Political Science	Social Studies Education*
Sociology	Social Studies Education

Degree BFA/BEd

Art	Art Education***

Degree BFA/BEd

Dramatic Arts	Drama Education***

Degree BMgmt/BEd

Gen Mgmt	Career & Tech Studies: Business Focus

Degree BMus/BEd

Music	Music Education***

Degree BSc/BEd

Math	Mathematics Education*
Gen. Sciences	Mathematics Education*
Bio. Sciences	Science Education
Chemistry	Science Education*
Gen. Sciences	Science Education*
Geography	Science Education *

Program Content (Year 1 & 2)

Please note that these credits are U of A credits and U of L credits.

University of Alberta - Elementary Route
- EDUC 250 (3 credits)
- EDUC course (3 credits)
- EDIT 302 (3 credits)
- English (9 credits)
- Fine Arts (6 credits)
- Mathematics (6 credits)
- Natural Science (6 credits)
- Physical and Health Education (6 credits)
- Social Science (6 credits)
- Aboriginal & Indigenous Histories and Culture (3 credits)
- Non Education Options (9 credits)

University of Alberta - Middle Years Route

Collaborative Bachelor of Education Degree Completion with Red Deer College Elementary Route - focus on Middle Years Education.

Contact an Academic Advisor for course selection.

University of Alberta - Secondary Route
- EDIT 302 (3 credits)
- EDUC 250 (3 credits)
- Education course (3 credits)
- English (6 credits)
- Major/Minor/Education Options (45 credits)

University of Calgary

Please consult with an Academic Advisor

University of Lethbridge
- EDFX 203 (3 credits)
- EDFN 341 or EDFN 201 (3 credits)
- Education Options (9 credits)
- Major (24 or 33 credits)
- Options (21 or 12 credits)

Canadian University College

Canadian University College provides students with the opportunity to transfer into the Bachelor of Education (4-yr) program. To meet the core, cognate, minor, specialization and major requirements for transfer into this program, you should consult with Canadian University College, School of Education.

Program Cost Estimates - 2014/2015

Year 1

Tuition	$3,425.50
Student Association Fees	$ 170.50
Fees	$ 35.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 310.00
Books/Material	$1,070.00
Total	$5,055.00

Year 2

Tuition	$3,315.00
Student Association Fees	$ 165.00
Fees	$ 20.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 300.00
Books/Material	$1,070.00
Total	$4,914.00

Graduation Requirements

You must pass 20 term university transfer courses or a minimum of 60 credit hours, and achieve a minimum cumulative GPA of 2.00 to receive a Diploma in University Transfer Studies.

Bachelor of Science and Bachelor of Education Combined Degree

Chairperson
Brent Galloway
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

One-and Two-Year University Transfer Program

The Program

A combined BEd/BSc program allows you to satisfy the minimum requirements of both degrees in five years. The program provides a broader science background while maintaining the teacher education component. Graduates of the combined degree are eligible to apply for Teacher Certification in the Province of Alberta and all other provinces. Red Deer College offers up to two years of these programs.

Transfer Features

You may transfer up to 60 credits taken at Red Deer College to the university of your choice. Some routes and majors may require transfer after one year if Red Deer College does not offer all courses needed.

Before planning your program and registering, decide on the university you want to attend, the grade level you want to teach, and the subject area in which you want to specialize. (See details under "University Programs").

Direct transfer arrangements are in place to the University of Alberta and University of Lethbridge. You may arrange to transfer to other institutions at which a Bachelor of Education is offered.

Transfer institutions accept a limited number of students to the Bachelor of Education program. Successful transfer is based on proper course selection, credit hours completed, grade point average (G.P.A.), and other requirements. These requirements vary depending on which university, route, and major you choose.

Some routes and majors are more competitive than others and may require a higher grade point average for transfer. Detailed information regarding course selection and transfer requirements for University of Alberta and University of Lethbridge are provided by Red Deer College before you register. If you plan to transfer elsewhere, you may need to contact your destination University or College regarding course planning. Academic Advisors at Red Deer College can assist you in this process.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. Biology 30
   b. ELA 30-1
   c. Mathematics 30-1
   d. Chemistry 30
   e. Subject from Group A, B or C (Physics 30 recomended)

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. ELA 30-1
   b. Mathematics 30-1
   c. Biology 30
   d. Chemistry 30

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Teaching science in secondary school requires studying a variety of subjects. For the University of Alberta, you will normally major in one of the following areas and minor in another:

1. Biological Sciences includes Biology, Botany, Entomology, Genetics, Immunology and Infection, Marine Science, Microbiology, Neuroscience, Pharmacology, Physiology, Zoology.
2. Mathematical Sciences includes Applied Probability, Computing Science, Mathematics, Statistics.
3. Physical Sciences includes Astronomy, Chemistry, Mathematical Physics, Physics.

Transfer to the University of Alberta after one year is required for all of these programs in order to meet the U of A Faculty of Science residency requirement.

University of Alberta

Please note that these credits are U of A credits.

Suggested Pattern Year 1

English (6 credits)
Biological Sciences (6 credits)
Mathematical Sciences (6 credits)
Physical Sciences (6 credits)
Science Major/Minor or Arts options (6 credits)

University of Calgary

Please consult with an Academic Advisor.

University of Lethbridge

Follow the BEd Combined Degree Program as outlined in the Bachelor of Education section of this Calendar (see page 44).

Program Cost Estimates - 2014/2015

Year 1

Tuition	$ 3,315.00
Student Association Fees	$ 165.00
Fees	$ 50.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 300.00
Books/Material	$ 1,050.00
Total	$ 4,924.00

Year 2

Tuition	$ 3,315.00
Student Association Fees	$ 165.00
Fees	$ 50.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 300.00
Books/Material	$ 1,050.00
Total	$ 4,924.00

Graduation Requirements

You must pass 20 term university transfer courses or a minimum of 60 credit hours, and achieve a minimum cumulative GPA of 2.00 to receive a Diploma in University Transfer Studies.

Bachelor of Fine Art

Chairperson
James Trevalyan
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

Two-Year University Transfer Program

The Bachelor of Fine Art program provides a comprehensive program of studies for those considering a career or general education in visual art.

Related Careers

This program emphasizes the importance of a general foundation in art. Competition for employment in specialized art fields is very keen, making the strength of your basic education very important.

The following employment-related fields require a general art foundation, followed by more specialized training, ending in a four-year undergraduate degree or Master's degree.
Fine Art - sculpture, painting, ceramics, printmaking, photography, and drawing
Crafts Design - ceramics, textiles, glass, and jewellery
Commercial Design - lay-out, illustration, display, model-making, and photography
Environmental Design - architectural, urban, environmental, and industrial design
Photography - creative, commercial, industrial, and freelance
Art Education - secondary and post.secondary
Other - art galleries, framing shops, etc.

The Program

The instructors in the Visual Art Department are themselves practising artists. Studios are fully equipped for ceramics, sculpture, painting, drawing, printmaking, and design.

The program offers you a concentrated visual arts foundation in a two-year time span. The first year emphasizes experience in drawing, painting, design, ceramics, sculpture, art history, and English. A broad range of visual experiences will help you form a visual arts vocabulary and master skills in composition and technical areas.

Emphasis in the second year is on creative growth and visual maturity in studio work.

Transfer Features

You may transfer up to 20 course equivalents taken at Red Deer College to the University of Alberta, University of Calgary, University of Lethbridge or the Alberta College of Art and Design, NSCAD University, and the Emily Carr University of Art and Design. The B.F.A. program is also transferable to most other Canadian universities and art colleges.

Admission Requirements

1 Minimum average of 60% with no mark below 50% in:

a. ELA 30-1 or ELA 30-2
   Note: Students who enter the program with ELA 30-2 must take ELA 30-1 or the equivalent (English 095) and may not complete the program in four terms. English 095 is not credited towards diplomarequirements.
b. Three subjects from Group A,B, or C
c. One subject from Group A,B,C or D (See "Alberta Grade 12 Course Groups," page 8)

OR

2. Mature Student

You must be 19 years of age or older, out of high school at least one full year before the program starts, and have a minimum 60% average with no mark below 50% in:

a. ELA 30-1 or ELA 30-2
   Note: Students who enter the program with ELA 30-2 must take ELA 30-1 or the equivalent (English 095) and may not complete the program in four terms. English 095 is not credited towards diploma requirements as it is equivalent to high school ELA 30-1.
b. Subject from Group A, B, or C (See "Alberta Grade 12 Course Groups," page 8).

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Suggested Pattern Year 1

ART 101/ART101	Visiting Artists
ART 201/ART 203	Art History I and II
ART 231/ART 233	Visual Fundamentals I & II
ART 241/ART 243	Drawing I and II
ART 251	Two Dimensional Studies Painting I
ART 261	Three Dimensional Studies - Ceramics I
ART 281	Three Dimensional Studies-Sculpture I
English	One term course at the 200 level.

Suggested Pattern Year 2

ART 101/ART 101	Visiting Artists
ART 310/ART 311	Professional Practice I and II
ART 341/ART 343	Drawing III and IV

Two studio electives from the following:

ART 351/ART 353	Painting II and III
ART 361/ART 363	Ceramics II and III
ART 375/ART 377/ ART 379	Printmaking (Two will be offered each year)
ART 381/ART 383	Sculpture II and III

One term academic option

English	One term course at the 200 level

Two term University transfer academic option (preferably a 300 level Art History).

University of Lethbridge Transfer

You may enter the third year of BFA (Art) at the University of Lethbridge or the Alberta College of Art and Design if you have successfully completed all of the program requirements, or transfer to most Canadian universities.

Program Cost Estimates - 2014/2015

Year 1

Tuition	$ 4,972.50
Student Association Fees	$ 247.50
Fees	$ 285.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 450.00
Books/Materials	$ 2,385.00
Total	$ 8,099.00

Year 2

Tuition	$ 5,083.00
Student Association Fees	$ 253.00
Fees	$ 190.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 460.00
Books/Materials	$ 2,365.00
Total	$ 8,395.00

Graduation Requirements

You must pass 20 term university transfer courses or a minimum of 60 credit hours, and achieve a minimum cumulative GPA of 2.00 to receive a Diploma in University Transfer Studies.

Kinesiology and Sport Studies

Chairperson
Sharon Hamilton
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

The Program

The program is designed so that students can complete a 2-year diploma (see Kinesiology and Sport Studies Diplomas, page 103), and then enter the work force or transfer to a university and complete a Bachelor's degree. The program is designed for students wishing to transfer to the University of Alberta, the University of Calgary or the University of Lethbridge. Transfer to other universities is possible with proper program consultation and careful course selection. For university transfer, the courses you select must meet the program requirements of the specific university chosen.
Admission to a university program may be limited by quota. Entry is based on your academic record. You should expect heavy course and program demands and the need for a competitive GPA if you wish to transfer to a university program.

The objective of the program is to educate and prepare qualified leaders in the field of Kinesiology and Sport Studies who:
- Are prepared for employment in related fields and agencies in the private and public sectors.
- Are prepared for teaching and coaching careers in school systems.
- May choose to continue their education at the graduate level.

You must complete an after degree program in Education if you wish to become a certified teacher in Alberta. This normally qualifies you to teach in physical education and health areas, plus one or more other subject areas. Selecting proper courses during your program is important for this reason.

Two Year University Transfer Program

Kinesiology is the study of the science of movement. The Red Deer College Kinesiology and Sport Studies program offers the first 2 years of a variety of Bachelor Degree programs.

For the most current university program and transfer information, please see the Academic Advising homepage at www.rdc.ab.ca/academic_advising. Click on Planning Guides.

The program offers university transfer to the following programs: The University of Alberta
Bachelor of Physical Education - BPE
BSc Kinesiology - BScKin
BPE/BEd - 5 year combined degree

The University of Calgary
Bachelor of Kinesiology - BKin
The University of Lethbridge
Bachelor of Arts. - Kinesiology
Bachelor of Arts (Kinesiology)/BEd (Physical Education) Combined - 5 year program
Bachelor of Science - Kinesiology
Bachelor of Science - Exercise Science

Out of province universities through proper course selection (see an Academic Advisor)

Transfer to other programs and other universities is possible. These transfer opportunities include:

- Athletic Therapy program (4 year Bachelor's Degree in PhysicalEducation or Kinesiology plus a 5th year at Mount Royal University) - After completing 2 years (60) applicable transfer credits) at RDC students transfer to the U of A or the U of C to complete their degree. They then apply to the Mount Royal University Athletic Therapy Advanced Certificate Program for a 5th year of studies to complete requirements for this certificate. This program is very competitive.
- BComm/BKIN (5 year combined program) - University of Calgary.

The program can lead into the following areas of study:
- adapted physical education
- athletic therapy
- fitness and health promotion
- physical education in schools
- physical activity leadership
- tourism and hospitality • outdoor education
- sports administration
- coaching
- dance
- sport sciences
- physical therapy • occupational therapy

Related Careers

- elementary schools
- secondary schools
- colleges and universities
- community centres
- corporate setting
- municipal recreation departments
- provincial sport organizations
- private fitness centres
- sport clubs
- private enterprise
- health care
- youth services
- rehabilitation centres • outdoor pursuits
- volunteer organizations
- government agencies

Admission Requirements

1. Minimum average of 60% with no mark below 50% in:

a. ELA 30-1
b. Two subjects from Group A*and/ or C (for this program only, Math 30-2 may also be used as one of these subjects)
c. Subject from Group C (Biology 30 recommended)
d. Subject from Group B, C, or D (see "Alberta Grade 12 Course Groups", page 8)

* Only one language other than English will be accepted

OR

2. Mature Student

You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:

a. ELA 30-1
b. Subject from Group C (Biology 30 recommended)

Note: If you are applying to the Faculty of Kinesiology at the University of Calgary, you must present ELA 30-1, Biology 30, Math 30-1 and Chemistry 30 for admission. For the U of C - Exercise and Health Physiology Major - Math 30-1 (minimum grade of 70%) is required. Math 31 is recommended. For the U of C .Biomechanics Major - Math 30-1 (minimum grade of 70%) and Math 31 are required; Physics 30 is recommended.

Note: If you are applying to the University of Alberta Bachelor of Science Kinesiology (BScKin), admission to this program requires the following high school subject requirements - ELA 30-1, Chemistry 30, Math 30-1, Physics 30, and one of Biology 30 or Physical Education 30 (5 credits) or approved 35 level equivalent (5 credit), including Exercise Science 35, Sports Medicine 35, or Sport Performance 35.

Program Content

This program is designed for students who wish to complete the 2-year General Diploma in Kinesiology and Sport Studies and continue on to a Bachelor's Degree. Students wishing to complete the Adapted Physical Education, Coaching & Sport Performance, Fitness & Health Promotion , or Sport Management Diploma, and transfer to university, need to select the appropriate options and physical activity courses. (See Kinesiology and Sport Studies Diploma, page 103 - and see an Academic Advisor.)

University of Alberta

Bachelor of Physical Education

Year 1

KNSS 200	Structural Anatomy
KNSS 201	Biomechanics
KNSS 204	Sociocultural Foundations of P.E. Leisure & Sport
KNSS 210	Fitness and Wellness Theory & Practice
KNSS 240	Adapted Physical Education
KNSS 270	Leadership & Instruction in Physical Activity
KDNC 200	The Spectrum of Dance in Society
ENGL 219/ENGL 220	Essay Composition and Critical Reading/Literary Analysis

One Physical Activity Courses - KPAC/ KDNC

Year 2

PSIO 258	Elementary Physiology I
PSIO 259	Elementary Physiology II
KNSS 202	Physiology of Exercise
KNSS 203	Skill Acquisition & Performance
KNSS 205	History of Sport
KNSS 250	Intro to the Admin of Sport, Physical Activity & Recreation Programs One

Physical Activity Courses - KPAC/KDNC

Two of:

KNSS 209	Measurement and Evaluation
KNSS 244	Introduction to Nutrition
KNSS 253	Psychological Sport Performance
KNSS 307	Growth and Development
PSYC 260	Basic Psychological Processes

One of:

KNSS 220	Introduction to Athletic Therapy
KNSS 260	Introduction to Coaching Theory
KNSS 280	Introduction to Outdoor Education*
KNSS 299	Directed Studies in Kinesiology and Sport Studies
INTD 240	Integrated Arts Approach to Movement

* Participation in KNSS 280 requires that all students to complete and return a participant information package in early August. If you do not receive the participant information package by the end of July please contact the Kinesiology Department at 403.342.3201.

Bachelor of Science in Kinesiology

Year 1

KNSS 200	Structural Anatomy
KNSS 201	Biomechanics
KNSS 204	Sociocultural Foundations of P.E. Leisure and Sport
KNSS 210	Fitness and Wellness Theory & Practice
KNSS 270	Leadership & Instruction in Physical Activity
MATH 202	Elementary Calculus
ENGL 219/ENGL 220	Essay Composition and Critical Reading/Literary Analysis CHEM 211

Introductory University Chemistry

CHEM 251	Introductory Organic Chemistry

Year 2

PSIO 258	Elementary Physiology I
PSIO 259	Elementary Physiology II
KNSS 202	Physiology of Exercise
KNSS 203	Skill Acquisition & Performance
KNSS 209	Measurement & Evaluation
KNSS 220	Introduction to Athletic Therapy
KNSS 240	Adapted Physical Education
KNSS 250	Intro to the Admin of Sport, Physical Activity & Recreation Programs

Two of:

KNSS 205	History of Sport
KNSS 244	Introduction to Nutrition
KNSS 253	Psychological Sport Performance
KNSS 260	Introduction to Coaching Theory
KNSS 280	Outdoor Education*
KNSS 299	Directed Studies
KNSS 307	Growth & Development

* Participation in KNSS 280 requires that all students to complete and return a participant information package in early August. If you do not receive the participant information package by the end of July please contact the Kinesiology Department at 403.342.3201. For transfer and course selection specifics, it is strongly recommended that students see an Academic Advisor.

Bachelor of Physical Education/Bachelor of Education BPE/BEd (5-year) Programs

Red Deer College offers the first two years of the BPE/BEd combined programs. Students completing the first two years of the combined degree program will transfer into the BPE program at the U of A for year 3. Upon completion of year 3 (99 credits), they will apply to the BEd Program for year 4 & 5. The program is very competitive and a limited number of spaces are available for transfer applicants into year 3 at the University of Alberta. These programs are highly competitive and limited by quota and acceptance into the combined degree route at the U of A is not guaranteed.

BPE/BEd (Elementary Route)

Year 1

KNSS 200	Structural Anatomy
KNSS 201	Biomechanics
KNSS 204	Sociocultural Foundations of P.E. Leisure and Sport
KNSS 210	Fitness & Wellness Theory & Practice
KNSS 240	Adapted Physical Education
KNSS 270	Leadership & Instruction in Physical Activity
KDNC 200	Spectrum of Dance in Society
One KPAC/KDNC course	
ENGL 219/ENGL 220	Essay Composition and Critical Reading/Literary Analysis
MATH	choose from MATH 260 or any transferable Math or STAT course

Year 2

PSIO 258	Elementary Physiology I
KNSS 203	Skill Acquisition & Performance
KNSS 205	History of Sport
KNSS 220	Introduction to Athletic Therapy OR
KNSS 307	Growth and Development
KNSS 250	Intro to the Admin of Sport, Physical Activity & Recreation Programs
KNSS 260	Intro to Coaching Theory OR
KNSS 280	Intro to Outdoor Education*
One KPAC/KDNC course	
KPED 292	Introduction to Elementary School PE
EDPY 200	Introduction to Educational Psychology or Education option
EDIT 302	Instructional Application of Technology
EDUC 250	The Profession of Teaching

* Participation in KNSS 280 requires that all students to complete and return a participant information package in early August. If you do not receive the participant information package by the end of July please contact the Kinesiology Department at 403.342.3201. For transfer and course selection specifics it is strongly recommended that students see an Academic Advisor.

BPE/BEd (Secondary Route)

Year 1

KNSS 200	Structural Anatomy
KNSS 201	Biomechanics
KNSS 204	Sociocultural Foundations of P.E. Leisure & Sport
KNSS 210	Fitness & Wellness Theory & Practice
KNSS 270	Leadership & Instruction in Physical Activity
KDNC 200	Spectrum of Dance in Society
One KPAC/KDNC course	
ENGL 219/ENGL 220	Essay Composition and Critical Reading/Literary Analysis
Two Minor courses	

Year 2

PSIO 258	Elementary Physiology I
KNSS 205	History of Sport
KNSS 240	Adapted Physical Education
KNSS 250	Intro to the Admin of Sport, Physical Activity & Recreation Programs
KNSS 260	Introduction to Coaching
One KPAC/KDNC course	
KPED 294	Introduction to the Movement of Activities of Youth
EDIT 302	Instructional Application of Technology
EDPY 200	Introduction to Educational Psychology
2 Minor Courses	

For transfer and course selection specifics it is strongly recommended that students see an Academic Advisor.

University of Calgary

Bachelor of Kinesiology

Year 1

KNSS 200	Structural Anatomy
KNSS 201	Biomechanics
KNSS 204	Sociocultural Foundations of P.E. Leisure & Sport
KNSS 210	Fitness and Wellness Theory & Practice
KNSS 240	Adapted Physical Education
KNSS 270	Leadership & Instruction in Physical Activity
KDNC 200	The Spectrum of Dance in Society

Two Approved Options

Two Physical Activity Courses - KPAC/ KDNC or KNSS 280*

Year 2

PSIO 258	Elementary Physiology I
PSIO 259	Elementary Physiology II
KNSS 205	History of Sport
KNSS 209	Measurement and Evaluation
KNSS 244	Introduction to Nutrition
KNSS 307	Growth and Development
BIOL 217	Introduction to Cell Biology

Two Physical Activity Courses - KPAC/ KDNC or KNSS 280*

Two of:

One Approved Option

KNSS 203	Skill Acquisition & Performance
KNSS 220	Introduction to Athletic Therapy
KNSS 250	Intro to the Admin of Sport, Physical Activity & Recreation Programs
KNSS 253	Psychological Sport Performance
KNSS 260	Introduction to Coaching Theory
KNSS 299	Directed Studies in Kinesiology and Sport Studies
INTD 240	Integrated Arts Approach to Movement

* Participation in KNSS 280 requires that all students to complete and return a participant information package in early August. If you do not receive the participant information package by the end of July please contact the Kinesiology Department at 403.342.3201.

Note: Students should plan to take KNSS 200, PSIO 258, PSIO 259, and BIOL 217 at RDC before transferring to U of C.

Approved Options should be selected after consultation with an Academic Advisor and considering the major you will choose upon transferring.

General Major Approved Options are: ENGL 219 and/or PSYC 260.

Students interested in pursuing the Leadership in Pedagogy and Coaching Major at the U of C should discuss, with an academic advisor, requirements for admission to this program at U of C prior to commencement of their RDC Kinesiology program.

University of Lethbridge

Students apply to the Kinesiology program at RDC

- Bachelor of Arts (Kinesiology)
- Bachelor of Arts (Kinesiology)/Bachelor of Education (Physical Education) (5-year program)
- Bachelor of Science (Kinesiology)
- Bachelor of Science (Exercise Science)

For transfer and course selection specifics students are directed to see an Academic Advisor.

One Year University Transfer Program

Red Deer College offers one year of transfer to the University of Alberta's Bachelor of Arts in Recreation, Sport and Tourism Degree. If you wish to transfer to a university other than the University of Alberta, please check with that university before registering in courses.

For the most current university program and transfer information, please see the Academic Advising homepage at www.rdc.ab.ca/academic_advising. Click on Planning Guides.

Related Careers

- Municipal parks and recreation departments
  - programmers
  - planners
  - facility operators
  - managers
  - administrators
- Federal and provincial governments
  - cultural services
  - recreation services
  - parks services
- Youth service agencies
  - Boys' and Girls' Clubs
  - Y.M.C.A. and Y.W.C.A.
- Institutional recreation
  - hospitals
  - rehabilitation centres
  - seniors' centres
  - correctional centres
- Tourism and commercial recreation
- Camping and outdoor recreation

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. ELA 30-1
   b. Subject from Group A or C
   c. Subject from Group A or B
   d. Subject from Group C (Biology 30 recommended)
   e. Subject from Group A, C, or Physical Education 30 (5 credit)
   (See "Alberta Grade 12 Course Groups," page 8)

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. ELA 30-1
   b. Subject from Group A or C (See "Alberta Grade 12 Course Groups," page 8)

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

ENGL 219/220	Essay Composition & Critical Reading/ Literary Analysis
KNSS 204	Introduction to Sociocultural Foundations of Physical Education, Leisure and Sport
KNSS 205	History of Sport
KNSS 210	Fitness and Wellness Theory and Practice
KNSS 240	Adapted Physical Education
KNSS 250	Introduction to the Administration of Sport, Physical Activity, and Recreation Programs

2 Art Options - Liberal Arts Foundation Courses
1 Option - Liberal Arts Foundation Course or Open Option

Program Readmission

See page 10.

Program Cost Estimates - 2014/2015

Year 1

Tuition	$ 3,536.00
Student Association Fees	$ 176.00
Fees	$ 79.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 320.00
Books/Materials	$ 1,050.00
Total	$ 5,205.00

Year 2

Tuition	$ 3,646.50
Student Association Fees	$ 181.50
Fees	$ 45.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 330.00
Books/Materials	$ 1,050.00
Total	$ 5,296.50

Graduation Requirements

You must pass 20 term university transfer courses or a minimum of 60 credit hours, and achieve a minimum cumulative GPA of 2.00 to receive a Diploma in University Transfer Studies.

Bachelor of Science and Pre- Professional Programs

See page 25 for general information.

The Program

The objective of these programs is to provide access to the first and, in some cases, the second year of study toward "general" or "subject specific" programs which can be transferred to the provincial universities.

The "subject specific" programs provide education in the conventional scientific disciplines. You can take a number of options, but the number and sequence of the science courses is more rigid than in the "general" program.

The "general" program gives you the flexibility to build a science program around your personal strengths and interests by blending the "subject specific" areas. This is done by declaring a major and minor subject.

The "pre-professional" programs are designed to meet the admission requirements of professional schools (such as medicine, dentistry, veterinary medicine, pharmacy, optometry, and chiropractic medicine). Pre-professional course work for Dental Hygiene and Medical Laboratory Science is also available (apply to BSc General). Admission to professional programs is very competitive, and you should plan your program so that you have the option of completing a science degree if your admission into the professional program is denied or delayed.

In many cases, transfer from one major to another can be arranged with a minimal loss in study time.

Transfer Features

You may transfer up to 20 course equivalents taken at Red Deer College to the university of your choice. The courses you select must meet the program requirements of that specific university. Before planning your program and registering, you should decide to which university you will transfer, and in what subject area (major) you want to specialize.

Transfer depends on proper course selection, credit hours completed, grade point average (G.P.A.), and other requirements. The minimum stated G.P.A. does not guarantee admission to a professional program.

Laboratory Safety Requirements

Chemistry: You must have a lab coat and safety glasses to take part in Chemistry labs. You can buy these items at the College Bookstore.

Course Selection

Note: Not all the courses listed under the programs may be offered every academic year.

When selecting courses, the Arts and Science options are defined as:

Arts Option	Science Option
Anthropology	Astronomy*
Art*	Biochemistry
Drama*	Biology
Economics	Chemistry
English	Computing
French	Science*
Genetics	*Geography *
Geography	(230/231)
(except 230/231)	Mathematics
History	Microbiology
Music*	Physics
Philosophy	Physiology*
Political Science	*Psychology
Psychology	(260)
(except 260)	Statistics
Sociology	Zoology*
Spanish	

*Does not apply at some universities. Check with Academic Advisors.

Program Readmission

See page 10.

Graduation Requirements

You must pass 20 term university transfer courses or a minimum of 60 credit hours, and achieve a minimum cumulative GPA of 2.00 to receive a Diploma in University Transfer Studies.

Bachelor of Science General Program

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 or general information.

One-Year or Two-Year University Transfer Program

For the most current university program and transfer information, see Planning Guides in Academic Advising.

The Program

The BSc General program gives you a broad education in more than one branch of study. Students either complete two majors or one major and one minor. Majors are chosen from ten science subject areas.

If you enroll in the General program and intend to transfer to a BSc Specialization or Honors program in the Faculty of Science at U of A, carefully follow the requirements for the latter program when selecting your courses consult an Academic Advisor. This applies to all students intending to transfer to the Universities of Calgary or Lethbridge which do not offer a BSc General program.

Transfer Features

This program transfers to BSc General at U of A and also allows for subsequent transfer to University of Alberta BSc Specialization and Honours programs if admission requirements are met for those programs. It also allows for transfer to University of Calgary BSc Honours and Majors programs and to majors in The University of Lethbridge BSc program.

Note: There are some major/minor combinations which have required courses (usually in the second year) that are not offered at Red Deer College. Students taking these combinations can either take other (transferrable) courses during a second year or can transfer after their first year at Red Deer College.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. ELA 30-1
   b. Mathematics 30-1
   c. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30
   d. Subject from Group A, B, or C (See "Alberta Grade 12 Course Groups," page 8)

OR

2. Mature Student
You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
a. ELA 30-1
b. Mathematics 30-1
c. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

The following outlines provide a basic understanding of program content but do not contain details regarding specific course requirements. This information is current at the time of publication but may change as the universities change their requirements.

University of Alberta

A major subject area is chosen from Biological Sciences, Chemistry, Computer Sciences, Earth & Atmospheric Sciences, Mathematical Sciences, Mathematics, Physical Sciences, Physics, Science Psychology, and Statistics & Applied Probability. A major should be chosen when registering for year two courses.

The student has the option of choosing a minor subject in the faculties of Science, Arts or Business. If the minor subject chosen is from Arts, any requirements as specified by the Faculty of Arts must be met. Please see U of A Calendar for minor subject areas in the Faculty of Arts. See note below concerning the Business Minor.

A major and minor in Sciences may not share courses from the same department. For example, the following combinations are not allowed:
Earth Sciences/Arts Geography
Science Psychology/Arts
Psychology

Courses in a major or minor subject area may not overlap. For example, if the major is Mathematical Sciences and the minor is Statistics, the major would consist of Mathematics courses and Computing Science courses but no Statistics courses. The minor would consist exclusively of Statistics courses.

See U of A calendar for details on courses required for majors and minors.

Please note these are U of A credits

Suggested Pattern Year 1
ENGL 219/ENGL 220 (6 credits)
Two junior MATH, STAT, CMPT (6 credits)
Two junior PHYS , CHEM, ASTR (6 credits)
Two junior BIOL, GEOG, PSYC (6 credits)
Two junior Arts or Science Options (6 credits)

Suggested Pattern Year 2
12 credits toward major
6 credits toward minor
12 credits towards Arts or Science
Options, major and/or minor

Note: Students with a major or minor in chemistry are recommended to complete CHEM 211/CHEM 212 in year one and CHEM 351/CHEM 352 in year two.

Options in Arts or Sciences are chosen from transferable courses from: ANTH, ASTR, ART, BIOC, BIOL (not 209), CHEM, CLAS, CMPT 201, DRAM, ECON, FILM, FREN, GENE, GEOG, HIST, MATH, MUSE, MUSI, PHIL, PHYS, POLI, PSYC (not 312), SOCI, SPAN, STAT, ZOOL.

BSC General with Business Minor
Admission to BSc General with a Business Minor is competitive. Admission to the minor is by application after year one with preference given to those who apply at this point in their program. Applicants must present ENGL 219/220, ECON 201/202, MATH 202 or MATH 203, one of MATH, STAT, CMPT 201; and 6 credits in Physical Sciences (Physics or Chemistry) or 6 credits taken from Biology, Science Geography, or Science Psychology. See Planning Guides in Academic Advising for further information.

University of Lethbridge

Please note these are U of L credits
The pattern below is an example of BSc General using Biological Sciences, Chemistry, and Mathematics for the three science streams. See Planning Guides in Academic Advising for further information.

Suggested Pattern Year 1
BIOL 217/BIOL 218 (6 credits)
CHEM 211/CHEM 212 (6 credits)
MATH 202 (or 203)/MATH 204 (6 credits)
2 Fine Arts or Humanities Requirements (6 credits)
2 Social Science Requirements (6 credits)

Suggested Pattern Year 2
CHEM elective (3 credits)
BIOL 317/BIOL 318 (6 credits)
One of MATH 221, STAT 251 (3 credits)
2 Fine Arts or Humanities Requirements (6 credits)
2 Social Science Requirements (6 credits)
2 Electives (6 credits)

U of L's General Liberal Education Requirement (GLER)
A maximum of four courses from one department may be used in meeting the General Liberal Education Requirement. Math and Computer Science are counted as separate departments for a Science Major. Biology (BIOL), Microbiology (MICR), Zoology (ZOOL), Botany (BOTA), and Genetics (GENE) are considered part of the Biological Sciences Department.

Fine Arts and Humanities transferable courses in ART, DRAM, ENGL, FREN, HIST, MUSI (not MUSI 210, 213, or 214), PHIL, SPAN plus other courses as noted in the academic planning guide.

Social Sciences transferable courses in ANTH (all non-Science and non-Humanities ANTH courses), ECON, GEOG 251, GEOG 381, GEOG 382), KNSS (except KNSS 280), POLI, PSYC (excluding PSYC 260 and other Science PSYC courses), SOCI plus other courses as noted in academic planning guides..

Sciences transferable courses in BIOC, BIOL, CHEM, CMPT, MATH, PHYS, PSIO, STAT, ZOOL plus other courses as noted in academic planning guide.

Royal Roads University

Block transfer into the third year of the RRU BSc degree programs, offered through the School of Environment and Sustainability, upon successful completion of the RDC two year BSc University Transfer program providing all other entrance requirements are met and space is available in the programs. Entrance to all programs at RRU is on a competitive basis.

The block transfer requires students to include two Biology courses, two Chemistry courses, two Mathematics or Physics courses and two English or Communication courses along with other courses required to complete the RDC BSc university transfer program. (See BSc Environmental Sciences or BSc Environmental Management)

Program Cost Estimates - 2014/2015

Year 1

Tuition	$ 4,199.00
Student Association Fees	$ 209.00
Fees	$ 120.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 380.00
Books/Materials	$ 1,200.00
Total	$ 6,152.00

Year 2

Tuition	$ 4,199.00
Student Association Fees	$ 209.00
Fees	$ 120.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 380.00
Books/Materials	$ 1,200.00
Total	$ 6,152.50

Bachelor of Science in Agriculture

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

One-Year University Transfer Program

Students in BSc Agriculture will choose a major from Agricultural and Resource Economics, Animal Science, Crop Science, Range and Pasture Management or Sustainable Agricultural Systems. The major must be chosen before entering the third year but may be chosen as early as the beginning of the first year.
For the most current university program and transfer information, see Planning Guides in Academic Advising.

Related Careers

- Provincial and federal government.
  - inspectors
  - administrators
  - researchers
- Commercial and industrial.
  - sales and promotion personnel
  - researchers
- Self-employment as farmers and ranchers.
- Graduates also play an important role in discussing and solving ecological problems. This involvement is found in many areas of the work force.

The Program

The Red Deer College program is a modified first year of study that provides credit for the first year of Bachelor of Science Agriculture. It is strongly recommended that students complete all junior requirements before taking senior courses.

Transfer Features

The courses in this program can be transferred in full to BSc Agriculture at University of Alberta. Refer to University of Alberta calendar for the complete listing of courses under the Faculty of Agricultural, Life and Environmental Sciences.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1
   e. Subject from Group A, B, C, or D (See "Alberta Grade 12 Course Groups," page 8)

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Please note that these credits are U of A credits.

One Core Program for all majors:
ECON 201/202 (6 credits)
ENGL 219/220 (6 credits)
MATH 202 (or MATH 203)/STAT 251 (6 credits)
2 of: BIOL 217, 218, 317, 318 (6 credits)
1 Elective (3 credits)
1 of: BUS 303, COMM 271, or COMM 361 (3 credits)

Program Cost Estimates - 2014/2015

Tuition	$	4,199.00
Student Association Fees	$	209.00
Fees	$	120.00
Activity & Wellness Fee	$	44.00
Facility, Service & Tech Fee	$	380.00
Books/Materials	$	1,200.00
Total	$	6,152.00

Bachelor of Science in Agricultural Food Business Management

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

One-Year University Pre-Professional Program

Students in BSc Agricultural Food Business Management will choose one specialization: Agricultural Business Management, Food Processing Business Management, or Food Service Business Management. This must be chosen before entering third year, but may be chosen as early as the beginning of the first year.
For the most current university program and transfer information, see the Planning Guides in Academic Advising.

Related Careers

Agricultural/Food Business Management graduates develop a strong understanding of business concepts and principles as applied to either the agricultural industry or the food industry. Graduates have a basic knowledge of the technical processes involved.

The Program

The Red Deer College program is a pre.professional year that prepares the student for admission to the degree program. Normally, three additional years of study are required.

Transfer Features

The courses in this program can be transferred in full to BSc Agricultural Food Business Management program at University of Alberta. Refer to University of Alberta calendar for the complete listing of courses under the Faculty of Agricultural, Life and Environmental Sciences.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1
   e. Subject from Group A, B, C or D (See "Alberta Grade 12 Course Groups," page 8)

OR

2. Mature Student

You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Please note these credits are U of A credits.

University of Alberta

Suggested Pattern Year 1
Agriculture Business Management/Food Business Management
One of: BIOL 217, 218 (3 credits)
ECON 201/ECON 202 (6 credits)
MATH 202 (or MATH 203)/STAT 251 (6 credits)
COMM 271 or COMM 361 (3 credits)
ENGL 219/220 (6 credits)
2 Electives (6 credits)

Program Cost Estimates - 2014/2015

Tuition	$ 4,199.00
Student Association Fees	$ 209.00
Fees	$ 120.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 380.00
Books/Materials	$ 1,200.00
Total	$ 6,152.00

Bachelor of Science in Atmospheric Sciences and Bachelor of Science Environmental Earth Sciences

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

One-Year University Transfer Program

Earth and Atmospheric Sciences is the study of the atmosphere, surface and interior of the earth.

For the most current university program and transfer information, see the Planning Guides in Academic Advising.

Related Careers

- All levels of government.
  - planning commissions
  - urban and housing project planning
  - parks and recreation planning
  - energy and natural resources planning
  - overseas service
- Teaching (with BEd).
- Cartography (map-making).

The Program

Red Deer College offers the pre-professional year for BSc Atmospheric Sciences and the first year of university study toward BSc Environmental Earth Sciences.

Transfer Features

The courses offered in this program can be transferred to most universities.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. ELA 30-1
   b. Mathematics 30-1
   c. Chemistry 30
   d. Physics 30
   e. Biology 30 * OR
   f. Subject from Group A, B, or C (See "Alberta Grade 12 Course Groups," page 8)

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. ELA 30-1
   b. Mathematics 30-1
   c. Chemistry 30
   d. Physics 30
   e. Biology 30 *

* For the Environmental Earth Sciences program only.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Please note these credits are U of A credits.

University of Alberta

Suggested Pattern Year 1
Environmental Earth Sciences
CHEM 211/CHEM 212 (6 credits)
ENGL 219/ENGL 220 (6 credits)
Two of: GEOG 230, GEOG 231, Arts Option (6 credits)
MATH 202(or MATH 203/MATH 204 (6 credits)
Physics (6 credits)

Atmospheric Sciences
ENGL 219/ENGL 220 (6 credits)
Two of: GEOG 230, GEOG 231, Arts Option (6 credits)
MATH 202 (or 203)/204 (6 credits)
Physics 241/247 (6 credits)
MATH 221, STAT 251 (6 credits)

Program Cost Estimates - 2014/2015

Tuition	$	4,199.00
Student Association Fees	$	209.00
Fees	$	120.00
Activity & Wellness Fee	$	44.00
Facility, Service & Tech Fee	$	380.00
Books/Materials	$	1,200.00
Total	$	6,152.00

Bachelor of Science in Biochemistry

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

One Year University Transfer Program

For the most current university program and transfer information, see Planning Guides in Academic Advising.

Related Careers

- Provincial and federal government
- technologists in pure and applied research
- Hospital laboratories
- technologists in clinical Biochemistry
- Industrial laboratories, including food technology and drug industry
- research
- analytical control
- developmental work
- Teaching
- Graduate studies

The Program

Red Deer College offers one year of studies toward BSc Biochemistry.

There is a broad range of science courses in the program, allowing for easy transfer to other programs. These include Chemistry, various Biology programs, and some pre-professional programs.
Transfer Features

The courses offered in this program can be transferred to most universities. The courses you select must meet the program requirements of the university chosen.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1
   e. Physics 30

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Please note these credits are U of A credits.

University of Alberta

Suggested Pattern Year 1
BIOL 217 (3 credits)
CHEM 211/CHEM 212/CHEM 351 (9 credits)
PHYS 205/PHYS 226 (6 credits)
ENGL 219/ENGL 220 (6 credits)
MATH 202 (or MATH 203)/MATH 204, MATH 221 or STAT 251 (6 credits)

Program Cost Estimates - 2014/2015

Tuition	$	4,199.00
Student Association Fees	$	209.00
Fees	$	120.00
Activity & Wellness Fee	$	44.00
Facility, Service & Tech Fee	$	380.00
Books/Materials	$	1,200.00
Total	$	6,152.00

Bachelor of Science in Biological Sciences

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

Two-Year University Transfer Program

For the most current university program and transfer information, see Planning Guides in Academic Advising.

Related Careers

- Elementary or high school teacher (with certification)
- Graduate school (continued studies)
- Research and development
  - universities
  - medical schools
  - research institutes
  - government agencies
  - private companies
- Public service
  - park service
  - field biologists

The Program

Red Deer College offers the first one or two years of study toward a degree in biological sciences at Alberta universities. Details of the University of Alberta , University of Calgary and The University of Lethbridge programs are given below.

Transfer Features

The courses offered in this program can be transferred in full to most universities. The courses you select must meet the program requirements of the university chosen. You should be prepared to choose a major within the biological sciences.

A transfer student may obtain up to 2 full years credit in Biological Sciences at U of A, U of C, or U of L (Alberta Transfer Guide www.transferalberta.ca).

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1
   e. Subject from Group A, B, or C (Physics 30 or Mathematics 31 strongly recommended)
   (See "Alberta Grade 12 Course Groups," page 8)

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Please note these credits are U of A credits.

University of Alberta

Suggested Pattern Year 1
BIOL 217/BIOL 218 (6 credits)
CHEM 211/CHEM 212 or Science Option (6 credits)
Science Option/CHEM 351 (6 credits)
ENGL 219/ENGL 220 (6 credits)
STAT 251/one of MATH 202, 203, or 221 (6 credits)

Suggested Pattern Year 2
A variety of offerings exist - Animal Biology, Ecology, Evolutionary Biology, Microbiology, and Moleculer Genetics. The appropriate courses depend upon the major you have chosen. See an academic advisor for details.

University of Calgary

Note: Physics 30 is recommended for this program.

Please note these credits are U of C credits.

Suggested Pattern Year 1
BIOL 217/BIOL 218 (6 credits)
CHEM 211/CHEM 212 (6 credits)
Breadth Requirement/CHEM 351 or Breadth Requirement (6 credits)
MATH 202 (or MATH 203)/MATH 221 or MATH 204 (6 credits)
PHYS 205 or Option/PHYS 226 or Option (6 credits)

Year 2
See an academic advisor for information.

University of Lethbridge

Please note these credits are U of L credits.

Suggested Pattern Year 1
BIOL 217/BIOL 218 (6 credits)
CHEM 211/CHEM 212 (6 credits)
STAT 251 (3 credits)
Fine Arts or Humanities (6 credits)
Social Sciences (6 credits)
One of: MATH 202, MATH 203 or MATH 221 (3 credits)

Year 2
See an academic advisor for information.

Canadian University College

Canadian University College provides students with the opportunity to transfer into its Bachelor of Science (Three- and Four-yr) Biology programs. To meet the core, cognate, and major requirements for transfer into this program, consult with an Academic Advisor.

Program Cost Estimates - 2014/2015

Year 1 & 2

Tuition	$ 4,199.00
Student Association Fees	$ 209.00
Fees	$ 120.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 380.00
Books/Materials	$ 1,200.00
Total	$ 6,152.00

Bachelor of Science in Chemistry

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

One Year University Transfer Program

For the most current university program and transfer information, see Planning Guides in Academic Advising.

Related Careers

Chemists conduct research to develop new or improved materials, compounds, and substances. They are employed in a wide variety of industries, including:

- chemical
- petrochemical
- pharmaceutical
- mineral
- metal
- pulp and paper
- manufacturing
- utilities
- health
- education
- government

Completing BSc Chemistry can lead to work in industry or be a step toward a career in teaching, medicine, etc. The specialization program prepares you for a career as a professional chemist in research or industrial labs, or it can prepare you for graduate work in chemistry.

Chemists also work in technical sales and service, and in managing regulatory programs. Employment for chemists is expected to grow in the chemical products, chemical service, and environmental fields.

The Program

Red Deer College offers the first year of studies.

Transfer Features

The courses offered in this program can be transferred to most universities. The courses you select must meet the program requirement of the university chosen.

Admission Requirements

1. Minimum average of 60% with no mark below 50% in:
   a. Chemistry 30
   b. ELA 30-1
   c. Mathematics 30-1
   d. Physics 30
   e. Subject from Group A, B, or C
   (Mathematics 31 recommended) (See "Alberta Grade 12 Course Groups," page 8)

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. Chemistry 30
   b. ELA 30-1
   c. Mathematics 30-1
   d. Physics 30
   (Mathematics 31 recommended.)

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Please note these credits are U of A, U of C and U of L credits.

University of Alberta

Suggested Pattern Year 1 (Honours or Specialization)
CHEM 211/CHEM 212/CHEM 351 (9 credits)
ENGL 219/ENGL 220 or ENGL 219/Arts
Option (6 credits)
MATH 202 (or MATH 203)/MATH 204 (6 credits)
PHYS 241/PHYS 247 (6 credits)
Science Option (3 credits)

University of Calgary

Suggested Pattern Year 1
CHEM 211/CHEM 212 (6 credits)
Option (3 credits)
MATH 202 (or MATH 203)/MATH 204/MATH 221 (9 credits)
PHYS 205/PHYS 226 (6 credits)
3 Non-Science Options (9 credits)

University of Lethbridge

Suggested Pattern Year 1
CHEM 211/CHEM 212 (6 credits)
PHYS 241 (3 credits)
MATH 202 (or MATH 203)/MATH 204/MATH 221 (9 credits)
Fine Arts or Humanities requirements* (6 credits)
Social Science requirements* (6 credits)

Program Cost Estimates - 2014/2015

Tuition	$ 4,199.00
Student Association Fees	$ 209.00
Fees	$ 120.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 380.00
Books/Materials	$ 1,200.00
Total	$ 6,152.00

Bachelor of Science in Engineering

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

One-Year University Transfer Program

For the most current university program and transfer information, see Planning Guides in Academic Advising.

Related Careers

Engineers deal with the planning, design, construction, testing, management, or operation of facilities.

Civil engineers design bridges, roads, airports, pipelines, dams, ships, buildings, transportation systems, and urban systems.
Mechanical engineers are involved in energy production and use, combustion processes, vehicle design, and propulsion systems design.

Chemical engineers deal with chemical processes. They design and analyze systems involving organic materials, nuclear fuels, and food processing.

Electrical engineers work with communication, navigation, controls, electronics, power, and instrumentation systems.

Computer engineers design new computer systems and applications.

Other engineering programs available at U of A or U of C are material science, engineering physics, mining, petroleum, biomedical, geomatics, manufacturing and software.

The Program

The first year of studies at Red Deer College will provide you with an understanding of mathematics and physical sciences such as Physics and Chemistry. You will apply this understanding to solving engineering problems in such courses as Engineering Statics, Dynamics and Design.

You will take one course in computer programming so as to use computers in solving engineering problems. You will also use computer-aided graphics.

You must also learn to communicate effectively in the English language.

Transfer Features

The courses in this program can be transferred in full to University of Alberta or University of Calgary or University of Saskatchewan or University of Regina. You must decide on the transfer university when you enter the program. It is imperative that students who will apply to University of Alberta take the full first year in one academic year.

Admission Requirements

1. Minimum average of 65% with no mark below 50% in:
   a. Chemistry 30
   b. ELA 30-1
   c. Mathematics 30-1
   d. Mathematics 31
   e. Physics 30

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Other Requirements

1. That the Engineering program admission be contingent upon submission of a personal profile as described in Other Requirement #2 and completion of an information session with members of the engineering faculty as described in Other Requirements #3.
2. A written personal profile describing student's goals, commitment, knowledge, interests, and expectations. A detailed description of the topics for the profile will be provided.
3. An information session with members of the Engineering Faculty to inform students about the engineering program.

Program Content

Please note these credits are U of A and U of C credits.

For University of Calgary transfer:
CHEM 203/CHEM 205 (6 credits)
ENCP 200 (3 credits)
ENGG 230 (3 credits)
ENPH 231 (3 credits)
PHYS 269/PHYS 359 (6 credits)
MATH 212/MATH 213/MATH 223 (9 credits)
Complementary Studies Course (3 credits)

For University of Alberta transfer:
CHEM 203/CHEM 205 (4.3+3.8 credits)
ENCP 200 (3.8 credits)
ENGG 200 (2 credits)
ENGG 230 (4 credits)
ENPH 231 (4.3 credits)
PHYS 269 (3.8 credits)
MATH 212/MATH 213/MATH 223 (4+3.5+3.5 credits)
Complementary Studies Course (3 credits)

For transfer to the University of Saskatchewan or University of Regina, see Planning Guides in Academic Advising.

Program Cost Estimates - 2014/2015

Tuition	$	4,641.00
Student Association Fees	$	231.00
Fees	$	40.00
Activity & Wellness Fee	$	44.00
Facility, Service & Tech Fee	$	420.00
Books/Materials	$	1,200.00
Total	$	6,576.00

Bachelor of Science in Environmental & Conservation Sciences

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

One-Year University Transfer Program

Students in BSc Environmental and Conservation Sciences will choose one major: Conservation Biology, Environmental Economics and Policy, Human Dimensions of Environmental Management, Land Reclamation, or Wildlife and Rangeland Resources.

For the most current university program and transfer information, see Planning Guides in Academic Advising.

Related Careers

BSc Environmental and Conservation Sciences is for students interested in environmental and conservation issues. Graduates have a strong background in both the basic and applied sciences. They are able to evaluate effects of human land use on plant, soil, water, animal, and human resources and to assess and facilitate conservation, reclamation, and remediation measures for natural and damaged ecosystems. They are not only reactive but also agents for positive, responsible stewardship and change.

Transfer Features

The courses in this program can be transferred in full to BSc in Environmental and Conservation Sciences at University of Alberta. Refer to University of Alberta calendar for the complete listing of courses under the Faculty of Agricultural, Life and Environmental Sciences.

Admission Requirements

1. Minimum average of 60% with no mark below 50% in:
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1
   e. Subject from Group A, B, C or D (See "Alberta Grade 12 Course Groups," page 8)

OR

2. Mature Student
   You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Please note these credits are U of A credits.

University of Alberta

Suggested Pattern Year 1
BIOL 218 (3 credits)
CHEM 211/CHEM 351 (6 credits)
ECON 201/ECON 202 (6 credits)
ENGL 219/one of ENGL 220,COMM 271 or COMM 361) (6 credits)
MATH 202 (or MATH 203)/STAT 251 (6 credits)
Free Elective (3 credits)

Program Cost Estimates - 2014/2015

Tuition	$	4,199.00
Student Association Fees	$	209.00
Fees	$	120.00
Activity & Wellness Fee	$	44.00
Facility, Service & Tech Fee	$	380.00
Books/Materials	$	1,200.00
Total	$	6,152.00

Bachelor of Science Environmental Science or Bachelor of Science Environmental Management

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

Two-Year University Transfer Program

Red Deer College offers the first two years of study towards BSc Environmental Science or BSc Environmental Management at Royal Roads University in Victoria, British Columbia. A unique feature of this BSc Environmental science program is the intensive 12-month program that allows students with at least two years of post-secondary education to complete the degree in just one year.
For the most current university program and transfer information, see Planning Guides in Academic Advising.

Related Careers

These degrees give students the scientific skills essential to problem solving and skills that can immediately be applied to the workplace. The program produces graduates who are capable decision makers on issues of environmental concern in government or industry. Students are employed in a range of environmental jobs.

Transfer Features

Admission to BSc Environmental Science or BSc Environmental Management is competitive and based on the following criteria: completion of a minimum 60 credits (including 24 credits in required prerequisite courses) and an overall GPA of B (3.00). Flexible admission is available for students who may be missing certain academic prerequisites but who have significant, relevant work experience (contact an academic advisor).

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1 or Mathematics 30
   e. Subject from Group A, B, C or D (See "Alberta Grade 12 Course Groups," page 8)

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1 or Mathematics 30

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content
Royal Roads University

Suggested Pattern Year 1
ENGL 219/220 (6 credits)
Two of BIOL 217, 218, 317, 318 (6 credits)
CHEM 211/CHEM 212 or 351 (6 credits)
4 Options (12 credits)

Year 2
See an Academic Advisor

Program Cost Estimates - 2014/2015

Tuition	$	4,199.00
Student Association Fees	$	209.00
Fees	$	120.00
Activity & Wellness Fee	$	44.00
Facility, Service & Tech Fee	$	380.00
Books/Materials	$	1,200.00
Total	$	6,152.00

Bachelor of Science in Forestry

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

One-Year University Transfer Program

For the most current university program and transfer information, see Planning Guides in Academic Advising.

Related Careers

A growing interest in forest management, resource management, and preservation of the natural ecology means an increasing number of jobs in the field of Forestry.
There are jobs in many federal and provincial government agencies.
Typical jobs include

- silviculture
- reforestation
- forest tree improvement
- forest management
- fire control
- forest research

The Program

Red Deer College offers a modified first year of study that provides credit for first year of BSc Forestry.

Transfer Features

The courses in this program can be transferred in full to BSc Forestry at University of Alberta. Note that this recommended program does not correspond exactly with the first year at the University of Alberta (some courses are from subsequent years in the program). Refer to the University of Alberta calendar for the complete listing of courses under the Faculty of Agricultural, Life and Environmental Sciences.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1
   e. Subject from Group A, B, C, or D (See "Alberta Grade 12 Course Groups," page 8)

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Please note these credits are U of A credits.

Forestry Suggested Patten Year 1
COMM 271 or COMM 361 (3 credits)
CHEM 211 (3 credits)
ECON 201/ECON 202 (6 credits)
ENGL 219/ENGL 220 (6 credits)
MATH 202 (or MATH 203)/STAT 251 (6 credits)
2 Free Electives (6 credits)

Program Cost Estimates - 2014/2015

Tuition	$	4,199.00
Student Association Fees	$	209.00
Fees	$	120.00
Activity & Wellness Fee	$	44.00
Facility, Service & Tech Fee	$	380.00
Books/Materials	$	1,200.00
Total	$	6,152.00

Bachelor of Science in Forest Business Management

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

One-Year University Transfer Program

For the most current university program and transfer information, see Planning Guides in Academic Advising.

Related Careers

This program develops graduates with the abilities required of foresters and of business professionals. Graduates should appreciate the need to manage forested areas with due concern for all resources and be capable of managing forested areas as integrated ecological entities. Graduates should also fully understand and appreciate the business management skills needed to manage organizations effectively and efficiently within the forest industry.

BSc Forest Business Management is intended to prepare students for careers as professional foresters and is for individuals planning careers focusing on forest practices, but who also demand specialized knowledge in business management practices. The Forest Business Management program prepares students for careers as Registered Professional Foresters. Graduates may immediately apply to the Alberta Registered Professional Foresters Association to complete the registration process.

The Program

The Red Deer College program is a pre.professional year that prepares the student for admission to the degree program. Normally, three additional years of study are required.

Transfer Features

The courses in this program can be transferred in full to BSc Forest Business Management at University of Alberta. Note that this suggested course sequence does not correspond exactly with the first year at University of Alberta (some courses are from subsequent years in the program). Refer to University of Alberta calendar for the complete listing of courses under the Faculty of Agricultural, Life and Environmental Sciences.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1
   e. Subject from Group A, B, C, or D (See "Alberta Grade 12 Course Groups," page 8)

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Please note these credits are U of A credits.

Suggested Pattern Year 1
CHEM 211 (3 credits)
ECON 201/ECON 202 (6 credits)
ENGL 219/COMM 271 or COMM 361 (6 credits)
MATH 202 (or MATH 203)/STAT 251 (6 credits)
Two of ACCT 202, BUS 303, BADM 132 (6 credits)
1 Free Elective (3 credits)

Program Cost Estimates - 2014/2015

Tuition	$	4,199.00
Student Association Fees	$	209.00
Fees	$	120.00
Activity & Wellness Fee	$	44.00
Facility, Service & Tech Fee	$	380.00
Books/Materials	$	1,200.00
Total	$	6,152.00

Bachelor of Science in Human Ecology

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

One-Year University Transfer Program

Human Ecology is about people and their environments, including their home, clothing, family, and community. From fashion design, to textile science, to credit counseling and skills education to community development and services, Human Ecologists have the skills to enhance both their own and other's lives. Beginning in 2000 new programs have been designed to meet professional development and potential job opportunities. Students in BSc in Human Ecology will choose one major: Family Ecology or Textiles and Clothing.

Two-Year University Transfer Program

For the most current university program and transfer information, see Planning Guides in Academic Advising.

Related Careers

Clothing and Textiles (including Textile Science)

- Fashion and textile design
- Functional clothing design (military, sportswear)
- Textile testing, textile science and quality control
- Museum conservation and curatorship
- Fashion business management
- Fashion media
- Interior design

Family Ecology

- Consumer education and advocacy
- Financial counselling/planning
- Family and sexuality education
- Child care program planning
- Child welfare
- Career counseling
- Addictions counseling
- Community development
- Community nutrition and health
- Immigrant and refugee family services
- Cross-cultural program planning International development
- Cultural policy and program development
- Health promotion and education

Transfer Features

The courses in this program can be transferred in full to BSc Human Ecology program at the University of Alberta. Refer to University of Alberta calendar for the complete listing of courses under the Faculty of Agricultural, Life and Environmental Sciences.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. Chemistry 30 or Biology 30
   b. ELA 30-1
   c. Mathematics 30-1 or Mathematics 30-2
   d. Subject from Group A or C
   e. Subject from Group A, B, C, or D (See "Alberta Grade 12 Course Groups," page 8)

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. Chemistry 30 or Biology 30
   b. ELA 30-1
   c. Mathematics 30-1

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Note: If you plan to major in the science aspects of Clothing and Textiles you should present Chemistry 30. You may present Clothing and Textiles 30 or 5 credits in advanced CTS Fashion Studies strands for admission.

Program Content

Please note these credits are U of A credits.

Suggested Pattern Year 1
ECON 201/202 (6 credits)
Social Science or Humanities Core (3 credits)
SOCI 310 or STAT 251 (3 credits)
ENGL 219/ENGL 220 (6 credits)
1 Free Elective (3 credits)
COMM 271 or COMM 361 (3 credits)
2 Science Requirements (6 credits)

Program Cost Estimates - 2014/2015

Tuition	$	4,199.00
Student Association Fees	$	209.00
Fees	$	120.00
Activity & Wellness Fee	$	44.00
Facility, Service & Tech Fee	$	380.00
Books/Materials	$	1,200.00
Total	$	6,152.00

Bachelor of Science in Mathematics or Statistics or Math and Economics

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

One Year University Transfer Program

For the most current university program and transfer information, see Planning Guides in Academic Advising.

Related Careers

- business
- industry
- government
- teaching
- private consulting

The Program

Red Deer College offers the first year of studies toward BSc Specialization in Actuarial Sciences, Mathematics, Computational Science, Mathematics & Economics, and Mathematics & Finance; BSc Specialization or Honors in Statistics.

Transfer Features

The courses offered in this program can be transferred to most universities.

Admission Requirements

1. **Minimum average of 60% and no mark below 50% in:**
   a. ELA 30-1
   b. Mathematics 30-1
   c. Mathematics 31
   d. One of Biology 30, Chemistry 30, Physics 30, Computing Science (CSE) Advanced Level - Career and Technology Studies (CTS) (5 credits)
   e. 30-level subject from Group A or C (science recommended) (See "Alberta Grade 12 Course Groups," page 8)

OR

2. **Mature Student:**
   You must be 19 years of age or older, out of school for at least one full year before the program starts, and have a minimum average of 60% and no mark lower than 50% in the following courses or their equivalents:
   a. ELA 30-1
   b. Mathematics 30-1
   c. Mathematics 31
   d. Physics 30

Note: At least one other 30-level science subject will be required for science options.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Please note these credits are U of A credits.

University of Alberta

Suggested Pattern Year 1 Mathematics, Computational Science (Mathematics) & Specialization or Honors in Statistics
ENGL 219/ENGL 220 (6 credits)
MATH 203/MATH 204/MATH 221 (9 credits)
CMPT 201 (3 credits)
4 Options (12 credits)

Suggested Pattern Year 1 Mathematics and Finance
ECON 201/ECON 202 (6 credits)
ENGL 219/ENGL 220 (6 credits)
MATH 203/MATH 204/MATH 221 (9 credits)
STAT 251 (3 credits)
CMPT 201 (3 credits)
1 Option (3 credits)

Suggested Pattern Year 1 Mathematics and Economics
ECON 201/ECON 202 (6 credits)
STAT 251 (3 credits)
MATH 203, MATH 204, MATH 221 (9 credits)
ENGL 219/ENGL 220 (6 credits)
CMPT 201 (3 credits)
1 Option (3 credits)

University of Calgary

Suggested Pattern Year 1 Mathematics and Statistics
MATH 201 (or MATH 203)/MATH 204/MATH 221 (9 credits)
5 Non-Science Options (15 credits)
2 Options (6 credits)

Program Cost Estimates - 2014/2015

Tuition	$ 4,199.00
Student Association Fees	$ 209.00
Fees	$ 120.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 380.00
Books/Materials	$ 1,200.00
Total	$ 6,152.00

Bachelor of Science in Nutrition and Food Science

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

One Year University Transfer Program

This program is offered in the Faculty of Agricultural, Life, and Environmental Sciences at University of Alberta.

For the most current university program and transfer information, see Planning Guides in Academic Advising.

Related Careers

Nutrition and Food Science involves applying basic sciences (Chemistry, Biology, Biochemistry, and Microbiology) to the processing, preservation, and distribution of food. Graduates will find work in all aspects of the food handling industry:

- Dietitians
  - home economists
  - nutritionists
- Government
  - control of food processing
- Private industry
  - food processing
- International agencies
  - Canadian International Development Agency
  - United Nations
- Research
  - food handling, processing, and preserving

The Program

The program at Red Deer College is one year of study toward Bachelor of Science Nutrition and Food Science.

Three majors are offered: Food Science and Technology, Nutrition and Food, and Nutrition. The Food Science and Technology Major meets the guidelines of the Canadian Institute of Food Science and Technology (CIFST) and the Institute of Food Technologists (IFT). The Nutritional Science Major, with appropriate courses chosen from the approved program electives, is accredited by the Dietitians of Canada. Students planning to be Registered Dietitians should carefully read the information provided in the University of Alberta calendar.

Transfer Features

The courses in this program can be transferred in full to BSc Nutrition and Food Sciences at University of Alberta. Refer to University of Alberta calendar for the complete listing of courses under the Faculty of Agricultural, Life and Environmental Sciences.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1
   e. Subject from Group A, B, C, or Macroeconomics 30 and Micro.eonomics 30, or a minimum of five credits in Career and Technology subjects at the Advanced level from the following strands: Agriculture, Community Health, Foods, Forestry or Wildlife. (See "Alberta Grade 12 Course Groups", page 8)

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Please note these credits are U of A credits.

University of Alberta Food Science & Technology Major and Nutrition and Food Major
BIOL 217 (3 credits)
KNSS 244 (3 credits)
ECON 201/ECON 202 (6 credits)
CHEM 211/CHEM 212 (6 credits)
ENGL 219/ENGL 220 (6 credits)
Mathematics Core/Core Requirement or Free Elective (6 credits)

Nutrition
ECON 201ECON /202 (6 credits)
BIOL 217 (3 credits)
KNSS 244 (3 credits
ENGL 219/ENGL 220 (6 credits)
CHEM 211/CHEM 212/ CHEM 351 (9 credits)
STAT 251 (3 credits)

Program Cost Estimates - 2014/2015

Tuition	$ 4,199.00
Student Association Fees	$ 209.00
Fees	$ 120.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 380.00
Books/Materials	$ 1,200.00
Total	$ 6,152.00

Bachelor of Science in Physics or Geophysics

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

One-Year University Transfer Program

For the most current university program and transfer information, see Planning Guides in Academic Advising.

Related Careers

- condensed matter physicists
- industrial and applied physicists
- atomic and molecular physicists
- geophysicists
- particle physicists
- medical physicists
- mathematical physicists
- astronomers
- meteorologists • optical physicists

Physicists are involved in the development of such products as the CANDU reactor and the computer-aided Magnetic Resonance Imaging (M.R.I.) technology. Some physicists provide weather-forecasting services, monitor the environment, and teach physics.

The Program

Red Deer College offers the first year of studies toward honours or specialization BSc Physics or Geophysics.

Transfer Features

The courses offered in this program can be transferred to most universities. However, some of these courses do not satisfy the physics program requirements at U of C.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. Chemistry 30
   b. ELA 30-1
   c. Mathematics 30-1
   d. Physics 30
   e. Subject from Group A, B, or C
   (Mathematics 31 recommended) (See "Alberta Grade 12 Course Groups," page 8)

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. Chemistry 30
   b. ELA 30-1
   c. Mathematics 30-1
   d. Physics 30

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Please note these credits are U of A credits.

University of Alberta Suggested Pattern Year 1 Physics
MATH 202 (or MATH 203)/MATH 204/ MATH 221 (9 credits)
PHYS 241/PHYS 247 (6 credits)
3 Arts Option (9 credits)
2 Science Options (6 credits)

Geophysics
CHEM 211/CHEM 212 or CHEM 351 (6 credits)
PHYS 241/PHYS 247 (6 credits)
MATH 202 (or MATH 203)/MATH 204/MATH 221 (9 credits)
3 Arts Options (9 credits)

Program Cost Estimates - 2014/2015

Tuition	$	4,199.00
Student Association Fees	$	209.00
Fees	$	120.00
Activity & Wellness Fee	$	44.00
Facility, Service & Tech Fee	$	380.00
Books/Materials	$	1,200.00
Total	$	6,152.00

Bachelor of Science in Physiology

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

One Year University Transfer Program

For the most current university program and transfer information, see Planning Guides in Academic Advising.

Related Careers

- research assistant
- government biological laboratories
- pharmaceutical laboratories
- clinical investigation
- Master's Degrees and medical research units in hospital
- similar, but more senior positions, to those above
- the most suitable honors program to prepare for a career in medicine

The Program

Red Deer College offers the first year of studies toward Honors BSc Physiology.

Transfer Features

The courses offered in this program can be transferred to most universities.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1
   e. Physics 30

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Please note these credits are U of A credits.

University of Alberta Suggested Pattern Year 1
BIOL 217/BIOL 218 (6 credits)
CHEM 211/CHEM 212 (6 credits)
CHEM 251/CHEM 352 (6 credits)
ENGL 219/ENGL 220 (6 credits)
Arts or Science Options (6 credits)

Program Cost Estimates - 2014/2015

Tuition	$ 4,199.00
Student Association Fees	$ 209.00
Fees	$ 120.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 380.00
Books/Materials	$ 1,200.00
Total	$ 6,152.00

Bachelor of Science in Psychology

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

Two-Year University Transfer Program

For the most current university program and transfer information, see Planning Guides in Academic Advising.

Related Careers

- social services
- advertising
- government and civil service
- research
- retail sales
- administration
- law enforcement and corrections
- counselling
- industrial relations
- public relations
- management
- radio and television
- real estate
- recreation
- journalism
- insurance
- urban planning
- consulting

Through graduate studies in Psychology, students may become chartered psychologists, working in clinical settings with clients who have emotional problems or mental illness. They may also study to become research psychologists in one of the many areas of psychology. Graduates may also go on to professional studies in fields such as medicine, law, or business.

Psychology graduates generally have superior skills in problem solving, critical thinking, collecting, analyzing and interpreting data, writing and communicating.

The Program

Red Deer College offers the first two years of studies toward specialization and honors BSc Psychology.

Transfer Features
The courses offered in this program can be transferred to most universities. The courses you select must meet the program requirements of the university chosen.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. Biology 30
   b. ELA 30-1
   c. Mathematics 30-1
   d. Chemistry 30 or Physics 30
   e. Subject from Group A, B, or C (Math 31 recommended) (See "Alberta Grade 12 Course Groups," page 8)

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. Biology 30
   b. ELA 30-1
   c. Mathematics 30-1
   d. Chemistry 30 or Physics 30

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Please note these credits are U of A credits.

University of Alberta (Honours or Specialization)

Suggested Pattern Year 1
BIOL 217/BIOL 218 (6 credits)
CHEM or PHYS (6 credits)
ENGL 219/ENGL 220 (6 credits)
PSYC 260/PSYC 261 (6 credits)
2 of MATH 202 (or MATH 203), MATH 204, MATH 221, CMPT 201 (6 Credits)

Suggested Pattern Year 2 (Honors)
PSYC 312 (6 credits)
PSYC 369 (3 credits)
PSYC 375 (3 credits)
2 of: PSYC 341, PSYC 353, PSYC 358, PSYC 383 (6 credits)
2 of: ANTH, ECON, POLI &/or SOCI (6 credits)
2 Science Options (6 credits)

Suggested Pattern Year 2 (Specialization)
2 of: PSYC 353, PSYC 383, PSYC 341, PSYC 358 (6 credits)
PSYC 312 (6 credits)
PSYC 369, PSYC 375 (6 credits)
4 Arts &/or Science Options (12 credits)

Please note these credits are U of C credits.

University of Calgary

Suggested Pattern Year 1
ENGL 219/ENGL 220 (6 credits)
PSYC 260/PSYC 261 (6 credits)
BIOL 217/BIOL 218 (6 credits)
CHEM 211/CHEM 212 (6 credits)
MATH 202 (or 203) (3 credits)
PHYS 205 or MATH 221 (3 credits)

Suggested Pattern Year 2
PSYC 312 (6 credits)
4 Senior Psychology courses (12 credits)
4 Breadth Requirements (12 credits)

Please note these credits are U of L credits.

University of Lethbridge

Suggested Pattern Year 1
PSYC 260/PSYC 261 (6 credits)
3 Electives (Sciences recommended) (9 credits)
2 Fine Arts or Humanities Requirements (6 credits)
3 Social Science Requirements (9 credits)

Suggested Pattern Year 2
PSYC 312 (6 credits)
PSYC 375/PSYC 341 (6 credits)
4 Electives (Sciences recommended) (12 credits)
2 Fine Arts or Humanities Requirements (6 credits)

Program Cost Estimates - 2014/2015

Tuition	$	4,199.00
Student Association Fees	$	209.00
Fees	$	120.00
Activity & Wellness Fee	$	44.00
Facility, Service & Tech Fee	$	380.00
Books/Materials	$	1,200.00
Total	$	6,152.00

Bachelor of Science

Pre-Professional Programs

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630
See page 25 for general information.

Pre-professional course work for **Dental Hygiene and Medical Laboratory Science** is available at Red Deer College. Please see the Chairperson or an Academic Advisor.

Please note that course work for pre.professional programs varies as per university. It is a student's responsibility to ensure they are taking correct pre.professional coursework when applying to a University other than specified in the Calendar.

For the most current university program and transfer information, see the Planning Guides in Academic Advising.

International Students and Students Applying to Programs Outside of their Home Province
You are advised to consult the calendar of the institution to which you will be applying regarding its policy on admitting international and out-of.province students. This may vary between institutions.

Pre-Professional Program for

Chiropractic

Pre-Professional Program

Related Careers

- private practitioner
- research

The Program

With the exception of the New Zealand College of Chiropractic, a Pre-Chiropractic program requires three years of post-secondary study. RDC offers the first two years after which the third year is completed at a university.

In Canada, the Canadian Memorial Chiropractic College in Toronto offers the Doctor of Chiropractic program in English and the Universite du Quebec offers Doctorat en Chiropractique in French.

Students may also attend one of the many chiropractic colleges in the United States or the New Zealand College of Chiropractic. The New Zealand College of Chiropractic requirements can be met at RDC after two years of study. The New Zealand College of Chiropractic does not require a third year of study at a university.

Program Admission Features

Admission to the Pre-Professional Program for Chiropractic at Red Deer College does not guarantee admission to a chiropractic college. You should fulfill the Pre-Professional Program to meet chiropractic college admission requirements and also design your program so you can work towards a Bachelor's degree. Competitive admission to professional programs requires a high grade point average. Check with universities to be aware of specific admission requirements.

Admission Requirements

1. Minimum average of 60% with no mark below 50% in:
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1
   e. Subject from Group A, B or C* (See "Alberta Grade 12 Course Groups," page 8)

Note: *Physics 30 required for most chiropractic colleges in the U.S.A.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Admission to chiropractic colleges requires a minimum of two or three full years of university study while some colleges require a Bachelor's degree. You must make sure you meet admission and minimum course load requirements for the professional program as well as your alternate degree program.

Minimum program content includes:

Suggested Pattern Year 1
BIOL 217/BIOL 218 (6 credits)
CHEM 211/CHEM 212 (6 credits)
ENGL 219/ENGL 220 (6 credits)
PSYC 260 (3 credits)
Social Sciences or Humanities (9 credits)

Year 2
See an academic advisor for details.

Pre-Professional Program for

Dentistry

Two Year Pre-Professional Program

Related Careers
- private practice
- various provincial and federal government agencies
- the Armed Forces Royal Canadian Dental Corps

The Program
The Pre-Dentistry program is the first two years of a Bachelor of Science program, tailored to meet the admission requirements of the Doctor of Dental Surgery program at the University of Alberta.

Program Admission Features
This program is designed to prepare students to meet admission requirements to The Doctor of Dental Surgery (DDS) program in the Faculty of Medicine and Dentistry at the University of Alberta. Competitive admission to professional programs requires a high grade point average. You should check with universities to be aware of specific admission requirements.

Because space is limited in the Dentistry program at University of Alberta, admission to the Pre-Professional Program for Dentistry at Red Deer College does not guarantee admission to University of Alberta. You should meet all of the Pre-Dentistry requirements, but also design your program so that you can complete a Bachelor of Science degree.

Consult U of A Calendar for other admission requirements.

Selecting the right courses for the first two years is vital when choosing courses for the Pre-Professional Program for Dentistry at University of Alberta. You must see an academic advisor before selecting courses.

Admission Requirements
1. **Minimum average of 60% with no mark below 50% in:**
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1
   e. Physics 30

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content
You must make sure you meet admission and minimum course load requirements for the professional program as well as your alternate BSc program.

University of Alberta Please note these credits are U of A credits.

Suggested Pattern Year 1
BIOL 217/BIOL 218 (6 credits)
CHEM 211/CHEM 212 (6 credits)
ENGL 219/ENGL 220 (6 credits)
3 Arts or Science options (9 credits) CHEM 351 (3 credits)

Year 2
See an academic advisor for details.

Pre-Professional Program for

Medicine

Two Year Pre-Professional Program

Related Careers
Apart from general practice, there are over 30 specialties of study and practice. There are also many fields of research and further study.

The Program
The Pre-Medicine program is the first two years of a Bachelor of Science program.

Program Admission Features
This program is designed to meet the admission requirements of the Doctor of Medicine programs at both University of Alberta and University of Calgary.

The Pre-Professional Medicine program is a minimum two full years of post.secondary study. You must maintain the required GPA to be considered for admission to Medicine. Competitive admission to professional programs requires a high grade point average. You should check with universities to be aware of specific admission requirements.

Admission Requirements
1. **Minimum average of 60% with no mark below 50% in:**
   a. Biology 30
   b. Chemistry 30
   c. English 30 or ELA 30-1
   d. Mathematics 30 or Mathematics 30-1
   e. Physics 30

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

You must make sure you meet admission and minimum course load requirements for the professional program as well as your alternate BSc program.

Suggested Pattern Year 1
BIOL 217/BIOL 218 (6 credits)
CHEM 211/CHEM 212/CHEM 351 (9 credits)
ENGL 219/ENGL 220 (6 credits)
MATH 202 (or MATH 203) or Arts Option (3 credits)
STAT 251 (3 credits)
1 Arts Option (3 credits)

Year 2
See an academic advisor for details.

Pre-Professional Program for

Optometry

Pre-Professional Program

Related Careers

- clinical practice
- private clinics
- partnerships
- public health units
- education services
- public or industrial consultants
- research and advanced study

The Program

The Pre-Optometry program at RDC is the first two years of the three year pre.professional program required for admission to Doctor of Optometry at University of Waterloo in Waterloo, Ontario. Your third year of study will be completed at a university of your choice. You must make sure you meet admission and minimum course load requirements for the professional program as well as your alternate degree program.

Program Admission Features

Admission to the Pre-Optometry program at Red Deer College does not guarantee admission to Doctor of Optometry at University of Waterloo. You should meet the admission requirements of the professional school, and also design your program so that you can complete a Bachelor of Science degree. Competitive admission to professional programs requires a high grade point average. You should check with universities to be aware of specific admission requirements.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1
   e. Physics 30

Program Content

Suggested Pattern Year 1
BIOL 217/BIOL 218 (6 credits)
CHEM 211/CHEM 351 (6 credits)
ENGL 219 (3 credits)
MATH 202 (or MATH 203) /STAT 251 (6 credits)
3 Arts or Science Options (9 credits)

Year 2
See an academic advisor.

Pre-Professional Program for

Pharmacy

Two-Year Pre-Professional Program

Related Careers

- retail pharmacies
- hospital pharmacies
- non-hospital health care services
- government agencies
- pharmaceutical industry including drug inspection and research, pharmaceutical marketing and sales, and administration

The Program

The Pre-Pharmacy program is the first two years of a Bachelor of Science program tailored to meet the admission requirements to BSc Pharmacy in the Faculty of Pharmacy and Pharmaceutical Sciences at University of Alberta.

Program Admission Features

Admission to BSc Pharmacy requires completion of a minimum of one year of pre-professional course work and a high grade point average. Admission to the pre-professional program at RDC does not guarantee admission to the professional program. You should check with the university to be aware of specific admission requirements.

RDC Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a Biology 30
   b Chemistry 30
   c. ELA 30-1
   d Mathematics 30-1
   e Subject from Group A, B, or C
   (Physics 30 recommended) (See "Alberta Grade 12 Course Groups," page 8)

OR

2. **Mature Student:**
   You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1
   (Physics 30 recommended)

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

You must make sure you meet admission and minimum course load requirements for the professional program as well as your alternate BSc program.

Suggested Pattern Year 1
BIOL 217 (3 credits)
CHEM 211/CHEM 212 (6 credits)
CHEM 351(3 credits)
ENGL 219/ENGL 220 (6 credits)
MATH 202 (or MATH 203)/STAT 251 (6 credits)
2 Options (6 credits)

Suggested Pattern Year 2
BIOC 393 or BIOC 301 (3 credits)
CHEM 352 (3 credits)
8 Options (24 credits)

For transfer and course selection specifics it is strongly recommended that students see an Academic Advisor.

Pre-Professional Program for

Veterinary Medicine

Two-Year Pre-Professional Program (University of Saskatchewan)

Related Careers

Graduates find work in both private practice and government agencies. Their work involves caring for the health of farm livestock, poultry, and pet animals; also areas such as public health work, health care of zoo animals, and the field of veterinary research.

The Program

The Pre-Veterinary Medicine program is the first two years of a Bachelor of Science program, tailored to meet the admission requirements of the Western College of Veterinary Medicine (WCVM) at University of Saskatchewan in Saskatoon,Saskatchewan.

Program Admission Features

The Western College of Veterinary Medicine requires successful completion of 20 specific courses plus a high GPA to be eligible for admission.

Please note that University of Saskatchewan strongly encourages prospective students to work towards obtaining a Bachelor of Science degree while preparing for admission to the Doctor of Veterinary Medicine program. Most successful applicants have 3 or 4 years of university study prior to admission.

Admission to Red Deer College does not guarantee admission to WCVM at University of Saskatchewan. The quota for Alberta students is 20 per year. Competitive admission to professional programs requires a high grade point average. You should check with universities to be aware of specific admission requirements.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1
   e. Physics 30

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Please note these credits are U of S credits.

Suggested Pattern Year 1
BIOL 217/BIOL 218 (6 credits)
CHEM 211/CHEM 212/CHEM 351 (9 credits)
ENGL 219/ENGL 220 (6 credits)
Two of MATH 202 (or MATH 203), MATH 204, MATH 221 or STAT 251 (6 credits)
1 Option (3 credits)

Suggested Pattern Year 2
BIOC 393 (3 credits)
BIOL 317 (3 credits)
MICR 365 (3 credits)
PHYS 205(3 credits)
GENE 370 (3 credits)
CHEM 352 or Option (3 credits)
4 Options (12 credits)

Pre-Professional Program for

Veterinary Medicine

Two-Year Pre-Professional Program (University of Calgary)

Related Careers

The program will prepare graduates for work in both private practice (community and rural practise), and government agencies. and also such areas as public health work, health care of zoo animals and the field of veterinary research.

The Program

This pre-professional Doctor of Veterinary medicine may fulfill credit towards a Bachelor of Science, or other degree program.

Program Admission Features

The University of Calgary Veterinary Medicine (UCVM) program requires successful completion of 48 credits of full time post secondary course work (4 full time post secondary terms) to be eligible for admission consideration. Applicants must complete 10 required courses (30 credits) plus another 18 credits of course work. UCVM will not normally consider applicants who present required courses taken more than 10 years prior to the application date. Admission is highly competitive, meeting admission criteria does not necessarily guarantee admission to UCVM, and only residents of Alberta are eligible to appy. UCVM strongly encourages students to apply to the program as soon as they meet the minimum requirements. The requirements can be met after two years at RDC.

Prospective veterinary medicine students are advised to design their 2 year program to meet admission requirements at UCVM while pursuing an alternate degree suitable to their interests and possible future employment.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. Biology 30
   b. Chemistry 30
   c. ELA 30-1
   d. Mathematics 30-1
   e. Subject from Group A, B, or C (Physics 30 recommended - required for U of S)

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Please note these are U of C credits

Suggested Pattern Year 1
BIOL 217/BIOL 218 (6 credits)
CHEM 211/CHEM 212 (6 credits)
CHEM 351 or STAT 251(3 credits)
ENGL 219 (3 credits)
2 Option (6 credits)

Year 2
Please see an Academic Advisor

APPRENTICESHIP & TRADES

Trades & Industry Training

Pre-Employment

Pre-Employment programs are offered on an open enrollment cost recovery basis in different trades areas including:

- Electrical
- Heavy Equipment Technician
- Welding

These programs vary in length and will be offered at varying times. They will provide first period and some second period Apprenticeship shop and theory training.

Admission Requirements

These vary with program. To qualify for the Apprenticeship Provincial exam, students must successfully complete the Pre-employment program.

Certification

You will receive a Red Deer College Certificate of Completion upon successfully meeting the course requirements. The programs are recognized by Apprenticeship & Industry Training.

Open Enrollment Programs include:

- Transportation Safety Director
- Power Engineering
- Master Electrician
- Air Brake Q Endorsement
- Occupational Health and Safety
- Woodworking - Introduction to Cabinet and Furniture Making
- Basic Welding - GTAW- TIG Level 1
- Pumpinstaller
- Water Well Driller - Online
- Rig Tech - Level 1 on-line
- CWB and B-Pressure Testing
- "B" Pressure for Journeyman Welders

For more information call 403.356.4900 or www.rdc.ab.ca/continuing-education

Apprenticeship Training

Dean
Tony Appels
Local calls: 403.342.3100
Toll Free: 1.888.475.1101 OR
Alberta Advanced Education & Technology Apprentice and Industry Training
Local regional office: 403.340.5151
Website: www.tradesecrets.gov.ab.ca

The Programs

Red Deer College has 15 apprenticeship programs leading to journeyman status:

Automotive Service Technician - 4 years including four 8-week in-class sessions. Services and repairs automobiles and light trucks.

Carpenter -4 years including four 8-week in-class sessions. Works with wood and wood substitutes in the construction of buildings and other structures.

Cook - 3 years including three 240 hours in-class sessions. Cooks prepare food in eating establishments including hotels, restaurants, institutions, trains and ships. Their major responsibilities are nutrition, food costs and sanitation.

RDC now offers all 3 periods of training. The program operates on a Weekly Apprenticeship Training System (WATS) model providing technical training in short segments (one day a week) over an extended period of time (30 or 40 weeks), thereby enabling the apprentice to remain employed full time while training.

Electrician - 4 years including three 8-week and one 12-week in-class sessions. Installs, alters, repairs and maintains electrical systems to supply heat, light, power, controls and signals or fire alarms.

Heavy Equipment Technician - 4 years including four 8-week in-class sessions. Maintenance and repairs of heavy vehicles, other heavy industrial mobile and stationary equipment.

Instrument Technician - 4 years including two 8-weeks in the 1st and 2nd year and two 10-weeks in the 3rd and 4th years. Instrument technicians install, maintain and repair the measuring and control instruments used in industrial and commercial processing. RDC is now offering all 4 years of training.

Locksmith - 4 years including four 8-week in-class sessions or distance delivery. Installs, replaces, rebuilds. rearranges, repairs or readjusts locking devices or safes; makes keys; and circumvents locking devices. Training also available through Distance Delivery.

Millwright - 4 years, including four 8 week in-class sessions. Millwrights install, maintain, repair and troubleshoot stationary industrial machinery and mechanical equipment in factories, production plants and recreational facilities. Red Deer College now offers all 4 periods of training.

Parts Technician & Materials Technician - The new trade resulting from the merging of the Parts Technician trade and the Warehousing occupation has two branches: Parts Technician and Parts Technician .Materials Technician. The Parts Technician branch of the trade is a 3-year program with a technical training format of 6-8-6 weeks in its respective 1st, 2nd and 3rd period. Parts Technicians manage and dispense parts inventories, which may include automotive, heaby duty, farm implement, industrial, recreational vehicle, jobbers, plumbing, electrical, etc. They may also be responsible for stock handling, warehousing, identifying and cataloguing parts and assemblies as well as ordering, receiving, inspecting, sorting, pricing and selling, depending on business areas. Red Deer College now offers all three years of training.

Plumber - 4 years including four 8-week in-class sessions. Installs piping, fixtures, appliances, equipment and controls for water, gases and sanitation purposes in residential and commercial establishments.

Rig Technician - 3 years, including three 4 week in-class sessions. Rig Technicians operate oil and gas drilling rigs. There are three levels of training and each period of technical training consists of 4 weeks of in-class sessions. Graduates of the Rig Technician apprenticeship program are certified journeypersons who will be able to take responsibility for personal safety and the safety of others, supervise, coach and train apprentices and floor hands and perform the duties of a Motorhand (Level 1), Derrickhand (Level 2) or Driller (Level 3). They also perform assigned tasks in accordance with quality and production standards required by Industry.

Sprinkler Systems Installer - 4 years including three 8-week in-class sessions Installs and maintains fixed fire extinguishing systems. Steamfitter/Pipefitter - 3 years, including three 8-week in-class sessions Installs and maintains piping, equipment and controls for hot water, steam, process and chemical systems in industrial and commercial establishments.

Water Well Driller -2 years including two 6-week in-class sessions Drills, installs and services water wells, and installs and services water well pumping systems.

Welder -3 years including three 8-week in-class sessions. Joins metal by fusion using oxyacetylene flame, electric arc or other welding processes.

Trade Careers - A Smart Choice

www.tradesecrets.gov.ab.ca

Trades careers have a lot going for the skilled men and women who work in them, more than most of them imagined when they first started out!

- Many trades offer the right kind of challenge as they are highly technical, involve math and science, and are changing quickly.
- A trade career can lead to supervision, management, the professions and business entrepreneurship.
- Most tradespeople can write a "Red Seal' exam and earn an Interprovincial Standards Red Seal on their journeyman certificate. The Red Seal is widely recognized by industry as a standard of excellence.
- Pay rates vary; generally they are good.
- While some trades occasionally are affected by temporary economic slowdowns, the aging workforce means an overall increase in future demand for skilled tradespeople. Employers need people with the right skills!

Learning a Trade

Apprenticeship Program

Apprenticeship: The short story
An apprentice is someone learning a trade while he or she is employed.

Apprenticeship is a combination of on-the-job training, work experience and technical training in a trade.
Apprentices spend about 80% of the time learning on-the-job from a qualified tradesperson. The rest of the time they take technical training, usually at a college or technical institution. Depending on the trade and the region in Alberta, there may be other methods of delivery of technical training.

An apprenticeship program lasts 1 to 4 years, depending on the trade. From day one, apprentices earn money for their time on the job. First-year apprentices earn about half of a journeyman's wage. The pay increases as the training progresses.

When apprentices successfully complete their apprenticeship program, they graduate to certified journeymen. The Alberta Journeyman Certificate proves to themselves and to any future employer that they meet Alberta's high industry standards.

There are 50 approximately apprenticeable trades in Alberta (See Trades & Occupations)

Who can enter an apprenticeship program?
Age doesn't matter. You can enter apprenticeship during high school or any time after. Most first-time apprentices are in their late teens or early 20s.

To be an apprentice you need to:
- Complete grade 12 (some trades do not require Grade 12, but many employers prefer to hire high school graduates), or
- Write and pass an entrance exam, or
- Take part in the Registered Apprenticeship Program (RAP) while you're still in high school, earning an income and credit toward your apprenticeship and your high school diploma.

In many cases, students who have taken certain Career and Technology Studies (CTS) program modules may receive credits toward an apprenticeship. The same applies for those who have taken certain kinds of post-secondary training. These credits can shorten the time it takes to complete an apprenticeship and become a certified journeyman.

Aboriginal people interested in becoming an apprentice to learn a trade may find useful information in the Step Into the Trades brochure and on the ThinkTrades website.

'OK, I'm interested. What's next?'

Step One: Choose a trade

Check the list of apprenticeable trades and narrow your choices (see Trades & Occupations). Get as much information as you can about your choices from school counsellors, the Internet, your local library, or your nearest Apprenticeship and Industry Training Office.

Next, talk to people working in the trades that interest you. Speak to their employers – maybe they'll let you 'job-shadow' to see what the day-to-day work is like. Ask lots of questions!

Step Two: Find an employer

Thousands of employers hire and train apprentices, however, there's no getting around the fact that finding an employer to train you is the hardest part of the process. You must be employed to be an apprentice.

Step Three: Apply

Once you have an employer, download and print an Apprenticeship Training Application/ Contract or contact any of the offices for an application. You and your employer complete the application/ contract, and you return it to one of Apprenticeship and Industry Training offices. Then they will help you with Step Four.

Step Four: The Apprenticeship Contract

The application/contract is an agreement between you and your employer. It outlines the responsibilities of each participant during your apprenticeship program.

You are responsible for completing both your technical and on-the-job training.

Your employer is responsible for paying you a certain percentage of the journeyman wage rate, increasing your pay as you progress through training, training you on the job, and for allowing you to attend technical training.

Technical training can involve 4 to 12 weeks of classroom sessions annually. In some trades alternate delivery methods are available including distance learning, weekly apprenticeship training (attend classes one day a week), and Competency-Based Apprenticeship Training (CBAT).

Year-by-year: Do it!

To move from one year (or period) of apprenticeship to the next, and to receive your wage increases, each year you must:
- Have the required number of months of on-the-job training.
- Have the required number of hours of on-the-job training.
- Successfully complete technical training.
- Pass the industry exams.
- Ensure your Record Book is updated by your employer.
- Send your Record Book to the nearest Apprenticeship and Industry Training Office for a Certificate of Progress stamp.

How much does apprenticeship training cost?
There is a tuition fee for technical training. Like all other adult learners, apprentices pay a portion of the cost of their training. The apprentice must pay the tuition fee to the educational institution before commencement of the class.

Tuition fees are presently under review and subject to change.

Class Length	Tuition	Shop Material Fee	Activity & Wellness Fee	Student Association	Faculty, Service & Technology	Total
4 weeks	$386.00	$66.00	$22.00	$20.00	$36.00	$530.00
6 weeks	$579.00	$66.00	$22.00	$30.00	$54.00	$751.00
7 weeks	$675.50	$66.00	$22.00	$35.00	$63.00	$861.50
8 weeks	$772.00	$66.00	$22.00	$40.00	$72.00	$ 972.00
10 weeks	$965.00	$66.00	$22.00	$50.00	$90.00	$1193.00
12 weeks	$ 1,158.00	$66.00	$22.00	$60.00	$108.00	$1414.00

All Apprenticeship E-Campus courses will be assessed an additional $50.00 E-Campus Technology Fee. The above fees do not include textbooks or modules.

Additional costs include student association, locker, parking and other facility fees, textbooks and other classroom materials. Apprentices who must travel to receive technical training are responsible for travel, accommodation and meals.

Financial assistance is available to apprentices in a variety of forms:
- Several scholarships are available for apprentices. Sources include Red Deer College, the Federal Government, and the Provincial Government.
- Most apprentices are eligible for employment insurance (EI) while attending technical training.
- Based on need, financial assistance may be available to apprentices while attending training through Alberta Works - Apprenticeship Grant.

More information and applications are available at the Student Funding & Awards Office - Room 1101, by telephoning 403.342.3254 or by e-mailing financialaid@rdc.ab.ca.

How do apprentices register for technical training?
In May of each year, employers and apprentices receive a mailing from Apprenticeship and Industry Training that includes information about where and when training is available, and instructions on how to apply at each institute or college.
The apprentice, after consulting with their employer, applies directly to the institute or college before the training starts.
- Class registration is on a first-come, first-served basis. Early application is recommended because training space may be limited.
- The apprentice may need to pay either the full tuition fee or a deposit at the time of application.

The institute or college will verify the apprentices eligibility and provide written confirmation of registration to both the apprentice and the employer.

For more information about Alberta's Apprenticeship Program

www.tradesecrets.gov.ab.ca

CERTIFICATE & DIPLOMA PROGRAMS

Red Deer College offers diplomas and/or certificates, or both, in many different career areas:

Certificates

- Administrative Professional
- Automotive Service
- Career & Academic Preparation
- Carpentry & Construction
- Computer Systems
  - Networking
  - Software Developer
- Early Learning & Child Care
- Educational Assistant
- Health Related Programs
  - Guided Practice Course
  - Health Care Aide
- Hospitality and Tourism Management
- Medical Laboratory Assistant
- Open Studies
- Pharmacy Technician
- Transitional/Vocational Program
- Unit Clerk Program
- Virtual Assistant

Diplomas

- Business Administration
- Computer Systems
  - Computer Information Systems Diploma
  - Network Systems Technology Diploma
- Early Learning & Child Care
- Electrical Engineering Technology
- Financial Services
- Kinesiology and Sport Studies
- Legal Assistant Diploma
- Mechanical Engineering Technology
- Motion Picture Arts
- Music
- Occupational Therapist & Physiotherapist Assistant
- Practical Nurse
- Social Work
- Theatre and Entertainment Production
- Theatre Performance and Creation
- Visual Art

Alternate Delivery

- Communications
- Educational Assistant (formerly Teachers Assistant)
- High School Equivalency
- Office Administration
- Pharmacy Technician
- Virtual Assistant

Career Development Certificate Programs

- Multimedia Web Developer
- Professional Bookkeeping
- Alberta Senior Citizens Housing Association/Red Deer College Certificate
  - Site Managers
  - Activity Coordinators
- University of Alberta/Red Deer College Certificate
- Occupational Health & Safety -English as a Second Language
- Pre-Trades

Other Training Opportunities

- Aviation
- Professional Accountant
- Continuing Education (credit-free programming)

Two programs that can lead you to an education equivalent to Alberta High School, and prepare you to go on to other programs at the College:

- Career and Academic Preparation
- Open Studies

Employment readiness and job skills training are available:

- Trades Introduction Programs
- Transitional/Vocational

Programs in trades lead to journeyman status:

- Apprenticeship Training

The College offers support courses for Sky Wings Aviation Academy:

- Aviation

Continuing Education offers a wide range of credit-free courses, seminars, workshops, and other programs.

Administrative Professional

Donald School of Business - Downtown
Associate Dean
Dr. Diane Janes
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

The Administrative Professional Certificate Program may be taken on a full- or part-time basis.

One Year Certificate

An administrative assistant is the cornerstone of the modern office. This person is adept at utilizing current computer software and technology and has learned how to be a life-long learner! The Administrative Professional Certificate Program provides students with the software training to be competitive in a continuously changing field. In addition to well-defined keyboarding skills, you will gain basic bookkeeping knowledge, oral and written communication knowledge, training in office procedures and you will have the opportunity to grow personally and professionally through a personal leadership course. A practicum placement in an office setting provides you with an opportunity to combine your newly developed skills and knowledge with on-the-job-training. You will be qualified for entry-level office positions.

Related Careers

There is an on-going local and national demand for well-trained office personnel, especially in the growing business community of Central Alberta. Employers have expressed a strong interest in hiring one-year college graduates. Graduates will find work in both small and large centres.

The Program

Graduates of the Administrative Professional Certificate program will:

1. Compose and accurately produce and proofread business documents using appropriate software and equipment within specified timelines.
2. Identify and practice current professional busines procedures and standards.
3. Integrate computer, computation, and communication skills to accomplish officetasks.
4. Demonstrate professional interpersonal skills, human relations skills.
5. Demonstrate critical thinking in making decisions and completing tasks and projects.

Transfer Features

The Administrative Professional Certificate transfers to all Office Administration Diploma Programs in colleges in Alberta.

Completion of the Administrative Professional Certificate grants 11 credits for: Accounting course (4 credits), Business Administration 204 (3 credits) and Business Administration 207 (4 credits) towards the Management Certificate.

Two Administrative Professional Certificate courses are equivalent to courses offered from the Canadian Institute of Bookkeeping as part of their Certified Bookkeeper credential. See additional information regarding this program at www.cibcb.com.

Graduates may complete a second year of training in the Online Administrative Professional Diploma. Through a collaboration among Keyano College, Red Deer College and SAIT, you can complete an Administrative Professional Diploma entirely online. Apply through Keyano College.

Admission Requirements

A) Academic Requirements

1. 50% in ELA 30-1 or
   65% in ELA 30-2 A minimum score at the 50th percentile on the English component of the College Board Placement Test and a score of 2-3 on a writing sample.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Note: While not an admission requirement for the program, some practicum agencies and field placements may require Police Information Check of students working in their organizations. Information about obtaining Police Information Checks will be provided to students after they have been admitted to the program.

Program Content

Year 1 Fall Term

APRO 100	Information Processing I
APRO 110	Document Processing I
APRO 126	Basic Accounting
APRO 130	Office Systems I
APRO 150	Fundamentals of College and Workplace Writing

Year 1 Winter Term

APRO 101	Spreadsheet Fundamentals
APRO 102	Computer Essentials
APRO 111	Document Processing II
APRO 131	Office Systems II
APRO 135	Introduction to Industry Sectors
APRO 160	Personal Leadership

Year 1 Spring Term

APRO 170	Practicum

Program Cost Estimates - 2014/2015

Tuition	$ 4309.00
Student Association Fees	$ 214.50
Fees	$ 37.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 390.00
Books/Materials	$ 1,390.00
Total	$ 6,384.50

Recognition of Prior Learning/ Experience

Students may receive Recognition of Prior Learning in courses where the learning of skills, knowledge or competencies has been acquired through work, formal and informal education or training, or self study. To qualify for the program credential students must complete at least 25% of the credit requirements through enrollment in the program. Application forms for Recognition of Prior Learning are available through the Registrar's Office. Students with keyboarding speed of 35 nwam should apply for Prior Learning Assessment in APRO 110.

Graduation Requirements

You must pass all courses and achieve a minimum cumulative GPA of 2.00.

Automotive Service

E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Note: This program is suspended for the current academic year.

One Year Certificate

The Program

This Certificate provides students with the knowledge, skills and experience to enter automotive service occupations. Students will learn basic skills in repairing, maintaining and overhauling a motor vehicle. Students will also learn skills for success in the workplace (communication skills, computer literary, customer service, team work and conflict management). The program covers the complete content of the First Period of Automotive Service Apprenticeship technical training. Graduates will be eligible to challenge the First Period Automotive Services Technician apprenticeship exam. Once employed, graduates of the Certificate may continue their education by enrolling in Automotive Service Technician apprenticeship. When indentured as an apprentice, the time at Red Deer College may be used as a credit towards apprenticeship.

Other graduates will find employment in jobs in automotive service, parts, small engine repair, sales, RV repair, and repair of agricultural machinery.

Admission Requirements

1. 50% in Math 10C or 50% in Math 20-2 or Math 20-3 and 50% in English 10 or 50% in English 23

OR

2. College Board Placement Test
   - a minimum score above the 43rd percentile on the English component of the College Board Placement Test (written on campus) or the Test of Adult Basic Education (written off campus) and a score of 2 on a writing sample.
   - a minimum score above the 53rd percentile on the Math component of the College Board Placement Test (written on campus) or the Test of Adult Basic Education (written off campus).

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Fall Term

EMP 101	Employment & Communications I
AUTO 101	Tools and Safety
AUTO 102	Brakes
AUTO 103	Electrical I
AUTO 104	Welding
AUTO 105	Powertrains and Drivelines
AUTO 106	Basic Transmissions
AUTO 180	Practicum I

Winter Term

EMP 102	Employment & Communications II
AUTO 107	Steering and Suspension
AUTO 108	Wheel Alignment
AUTO 109	Engine Fundamentals
AUTO 110	Electrical II
AUTO 181	Practicum II

Graduation Requirements

You must pass all courses and achieve a minimum cumulative GPA of 2.0.

Business Administration

Donald School of Business - Downtown
Associate Dean
Dr. Diane Janes
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

The department offers both a Business Administration Diploma and Management Certificate program.

Two-Year Diploma

The Program

This two-year program provides a broad background in accounting, finance, human resource management, information technology, marketing, economics, statistics, management, law, and policy. Four majors are offered: Accounting, Financial Services, General, and Marketing.

The Business Administration Diploma may be completed in two years if a student proceeds through their program of study by completing five (5) courses per semester, as set out under "Program Content" below. Alternatively, students may choose to take fewer (from one to four-courses per semester) in order to accommodate other obligations, such as work, family or a slower academic pace.

Related Careers

The Business Administration program prepares you for a wide range of careers in different business and public sector organizations. Students select the Accounting, General or Marketing Major, as they enter Year 2. Often, the specialized skills acquired in a major will facilitate a graduate's successful entry into the work force in a position that relates directly to their Major.

Transfer Features

Red Deer College has agreements with the following groups regarding course credits toward these programs:

- Purchasing Management Association of Canada.
- Mount Royal University - Graduates of RDC's Business Administration diploma with a major in Accounting, Financial Services, General or Marketing can transfer into the Bachelor of Business Administration with a major in General Management. Years three and four of the BBA degree are completed at RDC.
- Athabasca University - Bachelor of Management (Post Diploma): Graduates of RDC Business Administration Diploma Program receive up to 60 credits towards the degree program. Students may complete the program in one year of full-time study or may progress at their own pace on a part-time basis.
- Athabasca University - Bachelor of Commerce (Post Diploma): Students with approved two-year college diplomas in business or a closely related field will receive a block transfer award of 60 credits towards the first two years of the Bachelor of Commerce (Post Diploma) General Degree.
- University of Lethbridge - Business Administration Diploma graduates may complete the Post-Diploma Bachelor of Management Degree which is offered in Calgary, Edmonton and Lethbridge. A 3.0 GPA is required for admission.
- Okanagan College - Business Administration Diploma graduates will receive 2 years of credit toward the 4 Year Bachelor of Business Administration Degree.
- NAIT, SAIT, Grant MacEwan University, Mount Royal University - Business Administration graduates may receive up to two years of credit towards the Bachelor of Applied Business Administration Degree.

Admission Requirements

Business Administration Diploma

1. **High School Diploma Minimum average of 60% with no mark below 50% in:**
   a. ELA 30-1
   b. Math 30-1
   OR
   Minimum average of 65% with no mark below 50% in:
   a. ELA 30-2
   b. Math 30-2
   OR
   Minimum average of 62.5% with no mark below 50% in one of the following combinations:
   a. ELA 30-1 and Math 30-2
   OR
   b. ELA 30-2 and Math 30-1
2. **Mature Student You must be 19 years of age or older, out of high school at least one full year before the program starts and have a minimum average of 60% with no mark below 50% in:**
   a. ELA 30-1
   b. Math 30-1
   OR
   Minimum average of 65% with no mark below 50% in:
   a. ELA 30-2
   b. Math 30-2
   OR
   Minimum average of 62.5% with no mark below 50% in one of the following combinations:
   a. ELA 30-1 and Math 30-2
   OR
   b. ELA 30-2 and Math 30-1
3. **Successful completion of RDC's Management Certificate Students not meeting these standards can consider applying for admission to the Management Certificate Program.**

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Communications Course Placement Testing

Students will be required to take a College placement test before registering in a 200-level written communications course. (Students with 60% or greater in English 30 or ELA 30-1 will be exempted from this test). Students who do not achieve a satisfactory mark in this test will be required to complete COMM 150 before they can register in the required 200-level course. Students should take the placement test early in the event preparatory work (COMM 150) is required.

Computing Skills

Students entering the program should have a working knowledge of file management and word processing It is recommended that students without this prerequisite knowledge complete CMPT 071 and CMPT 083, or a course that includes these modules prior to taking BADM 210.

Program Content

All BADM Students - Year 1

ACCT 102	Introductory Accounting I*
ACCT 103	Introductory Accounting II*
BADM 110	Introduction to Management
BADM 111	Introduction to Statistics
BADM 132	Introduction to Marketing
BADM 210	Business Technology I
BUS 303	Introduction to Organizational Behaviour
COMM 250	Business and Workplace Writing
ECON 100	Introduction to Business Microeconomics
ECON 101	Introduction to Business Macroeconomics
FINS 150	Personal Finance

*Students have the option of replacing ACCT 102 and ACCT 103 with ACCT 202, a 5-hour course that covers similar material at an accelerated pace. Taking ACCT 202 allows students to have extra Open Option which will increase flexibility and be beneficial in acquiring all required prerequisites for an accounting, financial services, or other professional program.

Accounting Major - Year 2

ACCT 104	Managerial Accounting OR
ACCT 204	(Strongly Recommended)
ACCT 209	Intermediate Financial Accounting I
ACCT 210	Intermediate Financial Accounting II
BADM 111	Introduction to Statistics
BADM 260	Introduction to Finance (or BUS 310 – strongly recommended)
BADM 270	Business Integration
BADM 281	Human Resource Management
BUS 311	Legal Foundations of the Canadian Economy
Business option	Choose from Business Options (as listed below)**
Open Option ***	

**Students pursuing an accounting designation are encouraged to take ACCT 205 and ACCT 206 as their options and BUS 307 as their open option in order to maximize the number of credits toward an accounting designation.

Marketing Major - Year 2

ACCT 104	Managerial Accounting
BADM 111	Introduction to Statistics
BADM 241	Marketing Communications
BADM 242	Marketing Research
BADM 260	Introduction to Finance
BADM 270	Business Integration
BADM 281	Human Resource Management
BUS 311	Legal Foundations of the Canadian Economy
Business option	Choose from Business Options (as listed below)**
Open Option ***	

Financial Services Major – Year 2

ACCT 104	Managerial Accounting
BADM 111	Introduction to Statistics
BADM 260	Introduction to Finance
BADM 270	Business Integration
BADM 281	Human Resource Management
BADM 285	Introduction to Tax Planning
FINS 250	Mutual Funds
FINS 251	Managing Personal Credit
FINS 287	Advanced Financial Planning
BUS 311	Legal Foundations of the Canadian Economy
BADM 262	Investments****
FINS 286	Insurance in Canada****
FINS 320/321	Selected Topics in Financial Services****
FINS 280	Financial Services Work Experience****

****These courses are optional and are NOT required for completing the Financial Services major. However, FINS 286 and BADM 262 are recommended, in addition to the required courses, for students pursuing a financial service designation.

General Diploma - Year 2

ACCT 104	Managerial Accounting
BADM 111	Introduction to Statistics
BADM 260	Introduction to Finance
BADM 270	Business Integration
BADM 281	Human Resource Management
BUS 311	Legal Foundations of the Canadian Economy
Three Business Options	Choose from Business Options as listed below)
Open Option ***	

Business Options:

ACCT 205	Cost Accounting
ACCT 209	Intermediate Financial Accounting I
ACCT 210	Intermediate Financial Accounting II
BADM 285	Introduction to Tax Planning
BADM 204	Interpersonal Skills
BADM 211	Management Information Systems
BADM 232	Business Technology II
BADM 233	Programming for the Web
BADM 234	Web Design
BADM 235	Applied Database Development
BADM 238	Electronic Commerce
BADM 240	Personal Selling
BADM 241	Marketing Communications
BADM 242	Marketing Research
BADM 243	Marketing Surveys
BADM 247	Retail Management
BADM 249	Events Management
BADM 251	Entrepreneurship
BADM 253	Project Management
BADM 261	Financial Management
BADM 262	Investments
BADM 280	Industrial Relations
BADM 290	Work Practicum
BADM 320	Selected Topics in Management
BADM 321	Selected Topics in Management
BUS 305	Organization Theory and Design
BUS 307	Intro to Business Statistics II
FINS 180	Financial Products & Services
FINS 250	Mutual Funds
FINS 251	Managing Personal Credit
FINS 286	Insurance in Canada
FINS 320	Selected Topics in Financial Services
FINS 321	Selected Topics in Financial Services

*** The open option may be a 3-credit College Level Business or a Non-Business course approved by the department.

Note: Notes 1-7 refer to equivalent courses that may be taken in lieu of various specified courses. Students may receive credit for only one of each equivalency. Students considering university transfer or an accounting designation should consult with an Academic Advisor or their Chairperson regarding these courses.

1. ACCT 202 is equivalent to ACCT 102 plus ACCT 103
2. ACCT 204 is equivalent to ACCT 104
3. ECON 201 is equivalent to ECON 100
4. ECON 202 is equivalent to ECON 101
5. BUS 306 is equivalent to BADM 111
6. BUS 310 is equivalent to BADM 260 and is acceptable as a prerequisite for BADM 270.
7. BADM 170, BADM 107, BUS 358, CMPT 261 and CMPT 170 are not accepted for credit towards the Business Administration Diploma

Accreditation

FINS 250 (Mutual Funds) and FINS 286 (Insurance in Canada) are offered in conjunction with the Investment Fund Institute of Canada (IFIC). FINS 250 is the required course for those seeking to sell mutual funds in Canada, At the completion of this course all students will write the qualifying exam and if they attain a grade of 60% or greater will be qualified to seek registration as a Mutual Funds Salesperson in Canada. FINS 250 (Mutual Funds) and FINS 286 (Insurance in Canada) will require students to pay examination registration fees (includes an electronic copy of the textbook). These fees are subject to change without notice from IFIC.

FINS 250, FINS 287, FINS 286, BADM 260, BADM 262, and BADM 285 are granted equivalences by Canadian Institute of Financial Planning (CIFP) towards a certified financial planner diploma and designation.

The Canadian Institute of Financial Planning (CIFP) recognizes FINS 287 as credit towards the Institute's Registered Retirement Planning Certificate (RRC). This course requires additional course materials and an examination fee which is paid directly to the CIFP. The final exam in FINS 287 shall be the final qualifying exam towards the Registered Retirement Consultant (RRC) certification and upon successful completion of this exam; students will earn the RRC certification.

Program Cost Estimates - 2014/2015

Year 1

Tuition	$ 3,867.50
Student Association Fees	$ 192.50
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 350.00
Books/Materials	$ 1,050.00
Total	$ 5,503.50

Program Readmission

See page 10.

Graduation Requirements

You must pass all courses and achieve a minimum cumulative GPA of 2.00.

Career & Academic Preparation

Chairperson
Gail Brunner
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

The Career and Academic Preparation (CAP) program gives adult students an opportunity to

- Upgrade academic skills
- Acquire a High School Equivalency Diploma that is accepted by other colleges and universities in Alberta and by most employers.
- Upgrade to meet entrance requirements for vocational, career, and university programs.
- Develop teamwork skills, work with others, practice problem-solving, and develop effective study skills.
- Prepare for entry to the workplace or a chosen career.
- Create a portfolio of identifiable skills.

Program Delivery

You can learn in a traditional, classroom setting with an instructor.
Courses by Independent Study
Some courses in our program may be taken as 1-credit modules (Computing).

Admission Procedures

1. Placement Assessments. The RDC Testing Centre will arrange testing to help place you in the appropriate level of courses. Assessments are not required for current CAP students or students who have been out of school or college for less than one year.
2. Placement interview. You will meet with a n Academic Advisor to review the assessment results and your career goals. The advisor will help you create a Learning Plan and register you into appropriate courses based on the assessment, your prior learning, and your career goals.

Note: Transcripts will be required if you have attended high school or another post.secondary institution.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

The Career and Academic Preparation program offers high school equivalency in all academic disciplines. These courses are accepted in place of Alberta Education courses for admission and prerequisite purposes at Red Deer College. The following describes the course numbering system: 40/50 Levels -Pre-high school refresher courses (English, Mathematics) 75 Levels -Grade 10/11 in high school 85 Levels -Grade 11 in high school 90/95/96 Levels -Grade 12 in high school

Expenses

You will have to buy your own textbooks. Textbooks range from $80.00 to $150.00 per course. In addition, a graphing calculator is required for your Math 85 and Math 96 courses. It will cost approximately $160.00.

Graduation Requirements

Since most post-secondary programs have special requirements for the admission of mature students, it is strongly recommended that students contact an Academic Advisor or Department Chair in specific program areas to determine how best to meet these entry requirements.

Few programs require mature students to possess a complete high school diploma. For those students who wish to receive a high school equivalency diploma, the Career and Academic Preparation program will grant a High School Equivalency Diploma if the student has not received one previously. Students must apply to the Registrar to receive this diploma. Red Deer College High School Equivalency Diploma Requirements: You must have 5 courses in order to qualify.
(2 of the 5 courses must be completed at Red Deer College)
These must include:

1. ENGL 090 or ENGL 095
2. Mathematics 075 or higher
3. Biology 075 or Chemistry 075 or Physics 075 or higher
4. Social Studies 090 or Social Studies
5. One other course of at least 2 credits course that is not a prerequisite to any of the required courses listed above courses (eg Accounting, Computing).
6.

Note: Students going on to any degree program or to a technical institute are responsible for checking on the Admission Requirements of their future program. Consult with an Academic Advisor.

Program Cost Estimates - 2014/2015

Fall

Tuition	$ 1,547.00
Student Association Fees	$ 77.00
Fees	$ 37.00
Activity & Wellness Fee	$ 22.00
Facility, Service & Tech Fee	$ 140.00
Books/Materials	$ 570.00
Total	$ 2,393.00

Winter

Tuition	$ 1,768.00
Student Association Fees	$ 88.00
Fees	$ 37.00
Activity & Wellness Fee	$ 22.00
Facility, Service & Tech Fee	$ 160.00
Books/Materials	$ 570.00
Total	$ 2,645.00

Carpentry & Construction

E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Note: This program is suspended for the current academic year.

One Year Certificate

The Program

The Carpentry and Construction Certificate will provide graduates with knowledge, skills, and experience to assist their entry into carpentry/construction occupations. The program is designed for individuals who are interested in the carpentry trade but who have litmited or no previous exposure to the trade through work, school, volunteer activities, or life experiences. Students will learn terminology and basic skills in word working and carpentry. This will include safe and proper use of hand and power tools, building procedures, how to work with concrete forms, floor and wall framing, roofs, doors and windows, blueprint reading, shop drawing, applied mathematics, and safety. Students will also learn skills to help them succeed in the workplace such as communication skills, job search techniques, teamwork, conflict management, and customer service. The program covers the complete content of the First Period and a portion of Second Period of Carpentry Apprenticeship technical training.

Graduates may find employment in the construction industry, including areas such as residential, commercial, and industrial construction, carpentry, manufacturing of wood products, and related businesses. Graduates may apply to challenge the First Period Carpentry Apprenticeship exam upon successful course completion. Some graduates may continue their education by becoming indentured in the Carpentry Apprenticeship program. When indentured as an apprentice, the time at RDC may be used as credit towards apprenticeship based on the discretion of the Apprenticeship Board and your employer. For full information on Apprenticeship, please contact Apprenticeship and Industry Training or go the www.tradesecrets.gov.ab.ca.

Admission Requirements

1. 50% in Mathematics 10C or 50% in Mathematics 20-2 or 20-3 and 50% in English 10-1 or ELA 20-2

OR

2. College Board Placement Test
   - a minimum score above the 43rd percentile on the English component of the College Board Placement Test (written on campus) or the Test of Adult Basic Education (written off campus) and a score of 2 on a writing sample
   - a minimum score above the 53rd percentile on the Math component of the College Board Placement Test (written on campus) or the Test of Adult Basic Education (written off campus).

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Fall Term

EMP 101	Employment & Communications I
CARP 1 00	Carpentry Trade Introduction
CARP 1 03	Blueprints I
CARP 1 05	Trade Mathematics I
CARP 1 07	Carpentry Projects
CARP 1 20	Construction Safety I
CARP 1 80	Carpentry Practicum I

Winter Term

EMP 102	Employment & Communications II
CARP 1 04	Blueprints II
CARP 1 06	Trade Mathematics II
CARP 1 08	Carpentry Projects II
CARP 1 10	Building Procedures
CARP 1 21	Construction Safety II C
ARP 1 81	Carpentry Practicum II

Graduation Requirements

Students must pass all courses and achieve a minimum cumulative GPA of 2.0. To be eligible to challenge the first period industry exams students must achieve a GPA of at least 2.0 in all courses.

Computer Information Systems

E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Note: This program is suspended for the current academic year.

Two-Year Diploma

The Program

Computer technology enables people .from cellular phones to MP3 players to gaming systems and business applications. Technology is embedded in all aspects of our daily lives. Information technology (IT) professional create these technologies. Computer Information Systems (CIS) graduates have the skills to develop software applications for today's new technologies.

Related Careers

Career opportunities in the IT field continue to grow and expand, both nationally and internationally. CIS graduates are well positioned to take advantage of this increased market demand for IT skills because they are well prepared with the knowledge-base and skill-sets necessary to successfully engage in an exciting, challenging, and well-compensated futures.

Types of positions:
Software Developer
- Client Server Applications
  - Enterprise Computing
  - Mobile Applications
  - Advanced Web Development
- Systems Analyst
  - Program and Application Design
- Database Administrator

Most graduates will integrate into their IT profession as a software developer or systems analyst. With experience and proven ability, students may advance into information technology management and/or specialized areas of technology such as database administration.

The CIS program will be applying for accreditation by the Canadian Information Processing Society (CIPS), an organization representing computing professionals in Canada. This accreditation provides graduates of the program with national recognition towards a CIPS Information Systems Professional (ISP) designation.

Learning Outcomes

Graduates of the CIS program will possess the following skills and knowledge:

1. Analyse business problems and develop Information Technology solutions
2. Use online resources to investigate and analyse potential solutions
3. Participate in the implementation of projects individually and/or within a team environment
4. Develop and deploy desktop, web-based, mobile and distributed applications
5. Plan and navigate development processes through the software lifecycle stages
6. Develop interactive websites
7. Write SQL statements to manipulate data and databases
8. Consider the impact of network technologies on applications
9. Practice industry standard codes of conduct
10. Complete relevant documentation, activity reports, project plans, and proposals
11. Consider the international context within the work environment
12. Identify and engage in learning that is responsive to the workplace and that advances career path
13. Practice effective interpersonal communication skills in the following situations:
    - presentation skills
    - client interaction
    - conflict resolution
    - teaching (clients and co-workers)
    - leading small teams
    - cultural sensitivity

Transfer Features

Red Deer College

Depending on electives chosen, graduates of the CIS program may apply up to 6 of 8 required courses towards a Management Certificate from Red Deer College. Required courses for the CIS program that also meet requirements for the Management Certificate program include COMM 250, ITEC 170, BADM 204, BADM 253, and two Business Options.

This Certificate is offered by the Business Adinistration Department at Red Deer College. Students must complete eight business courses approved by the Business Administration program Chairperson to be awarded a Management Certificate.

Please contact an academic advisor for details regarding this program and/or the Chairperson of the Business Administration Department.

Athabasca University

Holders of a CIS diploma will be awarded 60 credits towards the 120 credit Bachelor of Science in Computing and Information Systems Degree (Post Diploma).

Graduates of the Computer Information Systems diploma may receive up to 39 credits for IT core courses. Students may also get additional credit for non-IT diploma courses. Students may apply this credit to a Bachelor of Arts - Information Systems degree or a Bachelor of Science .Computing Information Systems degree.

Students may work toward a degree through Athabasca's distance education programs. This may be done on a part-time basis.

University of Lethbridge
Students may complete a two year (20 course) Post-Diploma B.Sc. Degree in Computer Science.

Students are eligible to the Bachelor of Management Degree (25-course Post-Diploma program) with a diploma GPA of 3.0 or higher. Students with a diploma GPA of below 3.0 may be admissible, depending on individual circumstances.

NAIT/SAIT
Graduates of the Computer Information Systems diploma may apply to complete the 2 year Post-Diploma Bachelor of Applied Information Systems Technology at NAIT or the Bachelor of Applied Technology Information Systems at SAIT.

Admission Requirements

A. Academic Requirements

1. High School Diploma with no mark below 50% in:

a. ELA 30-1
b. Mathematics 30-1
OR
50% in ELA 30-1 & 65% in Mathematics 30-2 with either Physics 30 or Chemistry 30 or Science 30 with a minimum mark of 50%

OR

2. Mature Student

You must be 19 years of age or older, out of high school at least one full year before the program starts, and have a minimum make of 50% in Mathematics 30-1
OR
a minimum mark of 65% in Mathematics 30-2 and either Chemistry 30 or Physics 30 or Science 30 with a minimum mark of 50%

AND

B. Other Requirements

All CIS students must have a laptop computer that is using Microsoft Windows as the operating system. Please contact department Chair for minimum specifications

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Recommendations

Applicants are also expected to have working skill sets in at least the following areas of workstation management and operations through course work and/or industry experience:

- word processing
- e-mail communications
- internet research and download
- file and print management
- basic operating systems literacy

Applicants requesting further information, skill assessment, and/or learning support courses (CMPT 083, 086, 087, or 089) should contact an academic advisor and/or the Information Technology Department Chairperson for assistance.

Communications Course Placement Testing

Students will be required to take a College placement test before registering in a written communications course. (Students with 60% or greater in English 30 will be exempted from this test.) Students who do not achieve a satisfactory mark in this test will be required to complete COMM 150 before they can register in the required course, COMM 254. Students should take the placement test early in the event preparatory work (COMM 150) is required. Students needing to do COMM 150 will have the opportunity to complete all the Communications requirements within the two year time frame.

Program Content

Year 1

COMM 250	Business and Workplace Writing
ITEC 100	IT Service Desk
ITEC 105	Discrete Mathematics
ITEC 115	Operating Systems
ITEC 120	Computer Networking
ITEC 140	Desktop Operating Systems
ITEC 150	Structured Programming
ITEC 153	Visual Programming
ITEC 156	Object Oriented Programming
ITEC 160	Web Design
ITEC 163	Web Clent
ITEC 166	Web Server
ITEC 170	Systems Analysis and Design
ITEC 175	Object Oriented Analysis and Design
ITEC 180	Career Skills
ITEC 190	Project I

Year 2

BADM 204	Interpersonal Skills
BADM 253	Project Management
ITEC 251	Data Structures
ITEC 254	Advanced Java
ITEC 257	Extensible Markup Language
ITEC 261	Advanced Web Programming
ITEC 264	Mobile Applications
ITEC 267	Distributed Applications
ITEC 271	Database Server Configuration
ITEC 274	Structured Query Language
ITEC 280	IT Profession
ITEC 290	Project II
Business Option	
Business Option	
IT Option	
ITEC 193	Practicum
OR	
ITEC 196	Work Experience
OR	
ITEC 293	Practicum
OR	
ITEC 296	Work Experience

Note: One of ITEC 193, ITEC 196, ITEC 293, or ITEC 296 is required for graduation. This course can be taken at the end of the student's first or second year.

Program Electives

As part of the graduation requirements for a Diploma in Computer Information Systems, students are required to pass a minimum of three different elective courses. One course must be from the Information Technology department. Two courses must be from the Business department.

With prior written approval from the department chair, a Science course may be substituted for a Business elective course. Should a student possess any oither course(s) and/or credentials not listed above for which they wish to have considered for advanced credit, please contact the Information Technology Department Chairperson

Graduation Requirements

You must pass all courses and achieve a minimum cumulative GPA of 2.00.

Early Learning & Child Care

Chairperson
Jane Proudlove
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

One-Year Certificate
Two-Year Diploma

The diploma program is suspended for the current academic year

The importance of the early years in a child's development is well established. There is a critical need for a variety of programs for children and families and for trained staff to ensure children's developmental needs are being met. The Early Learning & Child Care Program trains professionals to work with children from birth to eight years, with some related preparation for working with children from eight to twelve years of age. Throughout the program, there is an emphasis on developing caring relationships with children and families.

A one-year certificate and/or a two-year diploma can help prepare students for a rewarding career. This program is designed to provide students with the opportunity to gain knowledge and develop competencies in such areas as child development, interpersonal relations, curriculum content, family studies, exceptional children, and program management.

Focus is placed on the integration of theory and practice. This is accomplished by an extended practicum in a variety of early learning and care program environments.

Related Careers

Graduates of the Certificate program in Early Learning & Child Care may find employment in a variety of positions:

- Early childhood caregivers in child care programs.
- Instructional assistants in kindergarten programs and primary grades.
- Teachers in a nursery school.
- Caregivers in school-age careprograms.
- Family day home providers.

As well as the above, other opportunities for employment for Diploma graduates include:

- Day care directors and administrators.
- Family support workers/visitors.
- Child care program coordinators (in a women's shelter, for instance)
- Family support workers.
- Instructional assistants to children with special needs in preschool or school programs.

The Program

Red Deer College offers a one-year certificate and a two-year diploma program in Early Learning & Child Care. Each course you take focuses on a different topic important to those who work with young children - everything from child development, to guiding behavior, to planning snacks and bulletin boards, to planning and participating in play experiences, to interacting with children who have special needs.

The ELCC department operates in partnership with college and community programs serving children from birth to twelve years of age. Students work in practicum placements in these programs as a method of integrating theory and practice. There are two practicum courses in each of the ELCC programs. By the end of the Diploma Program, students assume many of the responsibilities related to preschool care and education in their practicums.

Outreach (Distance) Delivery

The Outreach Program in Early Learning & Child Care offers the opportunity to study at the college level, to continue working, and to remain in your community for most of the experience. There are several methods of Outreach Delivery: The certificate program is available by Blended Delivery based at RDC and the diploma is available online.

Certificate Distance (Blended) Delivery courses are based in Red Deer and combine the strengths of print-based independent study materials, with computer-facilitated support, as well as on-site classroom delivery two Saturdays throughout the Semester per course.

All the Diploma courses are provided "on.line". These are offered on a rotational basis.

A complete cycle of ELCC courses can be completed through part-time study over a four-year period or less. This multi-delivery approach is highly effective in meeting the diverse needs of adult students.

Students with an ELCC Diploma may transfer to related fields in some university programs. Students wishing to transfer to these universities should seek information on additional admission requirements from the institution.

Students can enter the program in September, January or May and can register as part-time or full-time students.

Admission Requirements

A) Academic Requirements Certificate Program

1. **High School Diploma with a minimum mark of 50% in ELA 30-1 OR a minimum mark of 65% in ELA 30-2**

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school at least one full year before the program starts, and have a minimum mark of 50% in ELA 30-1 OR a minimum mark of 65% ELA 30-2 OR a minimum score at the 50th percentile on the English component of the College Board Placement Test (written on campus) or the Test of Adult Basic Education (written off campus) and a score of 2-3 on a writing sample.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Note: Government requires people who work directly with young children to have a current immunization record and a Police Information Check. While not an admission requirement for the program, some practicum agencies and field placements may require Police Information Checks of students working in their organizations. Information about obtaining Police Information Checks will be provided to students after they have been admitted to the program. Some programs may require medical examinations, as well.

Part Time and Outreach Students

1. You may meet the requirements above

OR

2. **Mature Students** may be admitted as conditional students to two ELCC courses in the certificate program. Upon the successful completion of these courses, and the recommendation of the Chairperson, they may be admitted to the Early Learning & Child Care Program.

Diploma Program

1. **Early Learning & Child Care Certificate** with a minimum G.P.A. of 1.7, or consent of the Chair
2. Transferring students from another post-secondary institution will be required to present an equivalent academic program.

Communications Course Placement Testing

ELCC Students are required to have at least 60% in ELA 30-1 to register in COMM 250. If they do not meet this requirement they will be registered in COMM 150. If a student does not have ELA 30-1 or an equivalent course they will be required to take the College Board Placement Test (CBPT) to determine placement in COMM 150 or COMM 250 based on the test score achieved. If the CBPT is failed the student is not eligible to register in COMM 150 or COMM 250 which is a requirement for the ELCC certificate program.

Program Content

Year 1 - Certificate Program

COMM 150	Fundamentals of College and Workplace Writing or
COMM 250	Business and Workplace Writing
ELCC 201	Foundations of Early Childhood Development
ELCC 206	Child Development & Exceptionalities
ELCC 210	Practicum I
ELCC 211	Child Development
ELCC 212	Program Planning I
ELCC 213	Interpersonal Relations I
ELCC 215	Program Planning II
ELCC 217	Guiding Behavior
ELCC 218	Program Planning III
ELCC 220	Practicum II

Note: Students are encouraged to take COMM 250 if they qualify.

Year 2 - Diploma Program

*ELCC 305	School Age Care
*ELCC 308	Family Support
*ELCC 309	Aboriginal Children & Families
ELCC 310	Practicum III
ELCC 313	Interpersonal Relations II
ELCC 314	Children in Society
ELCC 315	Program Administration
ELCC 317	Program Planning V
ELCC 320	Practicum IV
ELCC 321	Family Studies
ELCC 323	Program Planning IV
ELCC 325	Children With Special Needs

*One of ELCC 305, ELCC 308, ELCC 309 or one other option approved by the Chair.

Special Fees and Expenses

Practicum courses are usually in the Red Deer area, but you should expect some extra costs for travel, clothes, etc.

Program Cost Estimates - 2014/2015

Tuition	$	3,867.50
Student Association Fees	$	192.50
Fees	$	90.00
Activity & Wellness Fee	$	44.00
Facility, Service & Tech Fee	$	350.00
Books/Materials	$	975.00
Total	$	5,519.00

Graduation Requirements

A certificate will not be granted if a diploma has been awarded. You must pass all first year courses to receive a certificate and pass all second year courses to receive a diploma.

Educational Assistant

Chairperson
Maria Cicman
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

One-Year Certificate

Related Careers

Both full- and part-time jobs are available, with salaries varying widely across the province. See the school board in the area you plan to seek work for contract details. There is an increased demand for assistants to work with students with special needs.
Jobs include the following:

- Classroom assistants at all levels from early childhood to adult education.
- Assistants to students with special needs including private agencies.
- Library assistants.
- Playground and lunch room supervisors.

The Program

Graduates assist teachers in both instructional and non-instructional tasks. This program will train you in a wide range of interpersonal and practical skills needed for such work.

Note: This program is also available through on-line delivery. Distance students require regular access to a computer with internet service. Please contact the program for details.

Admission Requirements

A minimum mark of 50% in ELA 30-1
OR
A minimum mark of 65% in ELA 30-2 or equivalent.
OR
A minimum score at the 50th percentile on the English component of the College Board Placement Test or the Test of Adult Basic Education and a score of 2 or higher on a writing sample.
OR
Previous completion of at least three College-level courses with a minimum G.P.A. of 2.00.
OR
Conditional admission is available for those who do not meet the academic requirements. Clear admission will be granted by the Chairperson after successful completion of three Educational Assistant courses in the program, with a minimum GPA of 2.0.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Note: Applicants are advised that they will be required to provide a Police Information Check to most agencies where they will be placed for practicum experiences. The existence of a Police Information Check may prevent practicum placement, program completion, and therefore affect future employment prospects. It is recommended that applicants, with a criminal record, check with employers to determine if they would be eligible for practicum placements or future employment. It is each agency's or institution's decision to accept or reject a student for placement or observation experience based on the results of the Police Information Check.

Program Content

Length of program: 10 months (September to June)

COMM 150	Fundamentals of College and WorkplaceWriting
CMPT 261	Introduction to Computing OR
CMPT 170	Microcomputer Applications
EDAS 111	Role of the Assistant
EDAS 114	Field Experience
EDAS 116	Human Relations
EDAS 151	History and Trends in Exceptionalities
EDAS 152	Overview of Exceptionalities
EDAS 153	Fostering Positive Behaviour
EDAS 160	Assisting the Language Learning Teacher
EDAS 161	Assisting the Math Teacher
EDAS 181	Field Practice

Option: 45 hours

Note: If they qualify, students are encouraged to replace COMM 150 with a 200 level COMM or ENGL. Students on academic warning or probation will not be placed in practicum (EDAS 181 or EDAS 114) until they have cleared this status.

Options: Students need one of EDAS 156, EDAS 157, EDAS 158, EDAS 159, or 3 of EDAS 163, EDAS 164, EDAS 165, EDAS 166, EDAS 167 and EDAS 168. (You may receive credit for one option if you qualify for advance credit or prior learning credit). Additional credit may be received for course equivalencies.

Program Cost Estimates - 2014/2015

Tuition	$ 4,198.50
Student Association Fees	$ 209.00
Fees	$ 22.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 380.00
Books/Materials	$ 800.00
Total	$ 5,653.50

Special Fees and Expenses

All EDAS eCampus courses: $50.00

Advanced Standing and Challenge Examinations

If you are applying for Advanced Standing in any Educational Assistant Course, please contact the Department for additional forms. Advanced standing or credit may be granted for courses in other departments. Advanced credit is not given for EDAS 181 Field Practice.

Courses not open to challenge: EDAS 181

Graduation Requirements

You must pass eleven compulsory courses and 45 hours of optional credits, and achieve a minimum cumulative GPA of 2.00.

Electrical Engineering Technology

Contact
Brian McLachlin
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Two Year Diploma

The Program

Technology is everywhere - from the cars we drive to the cell phones in our hands to the heat in our homes. Electrical Engineering Technologists are professionals who apply the principles of electricity to develop, implement, and maintain systems that deliver power, transmit information, or control electro.mechanical devices. The Electrical Engineering Technology (EET) program at Red Deer College is a unique blend of the "traditional" discipline of power generation and distribution with the more contemporary specialization of instrumentation and Automatic control.

All Engineering Technologists learn fundamental skills in mathematics, sciences, computer programming, technical writing, and project management. EET students at Red Deer College pursue advanced studies in power distribution, maintenance and troubleshooting, PLC programming, Electric Machines, Industrial Data Networks and Data Acquisition Systems. Elective courses in the fourth semester allow EET students to customize their program according to their own interests or the demands of industry. Graduates will meet the National Technology Benchmarks of their field and will develop knowledge and skills that enable them to:

- Install and test power systems equipment.
- Communicate design ideas by producing reports, sketches and presentations.
- Specify electrical and electronic components for manufacture.
- Demonstrate a high level of critical thinking and troubleshooting ability.
- Use project management principles to create and execute business plans.
- Support continuous product improvement by utilizing forensic engineering practices.
- Write functional programs for embedded microcontrollers, robotics and PLCs.
- Use telecommunication and networking principles to acquire data and connect interdependent sub-systems.
- "Tune" process control systems common to industrial instrumentation.
- Apply the principles of mathematics, physics and other sciences to solve engineering problems.
- Comply with industry standards of safety, ethics, and workplace practices.

Related Careers

A diploma in Electrical Engineering Technology provides the skill set for an exciting career and is excellent preparation for further study in business, law or medicine. Engineering Technology graduates may go on to earn Engineering degrees that prepare them for a higher level of responsibility on the job. Alternatively, many Electrical Technologists apprentice to become Journeyperson Electricians or Instrument Technicians. An EET graduate may find employment as a/an:

- Power Electrician
- Testing and Commissioning Technologist
- Instrument Technician
- Project Manager
- Alternate energy systems designer and installer
- Technical salesperson
- Power Technology Consultant
- Quality assurance Technician
- Safety Officer
- Technical Writer

Admission Requirements

A minimum average of 65% with no mark below 50% in:

a. ELA 30-1 or ELA 30-2 or equivalent
b. Mathematics 30-1 or equivalent
c. Physics 20 or equivalent
d. Two of Chemistry 30, Mathematics 31, Physics 30, Science 30 or of Computer Science Advanced-Level CTS (5 credits) or equivalent.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Other Requirements

Note: Applicants are required to have a laptop computer that uses Microsoft Windows 7 as the operating system with a 64 bit processor, Intel i3 CPU or better, and 8GB RAM or more.

Note: Applicants may be required to undergo a Police Information Check to the satisfaction of some agencies where they might be placed for practicum experiences. The existence of a criminal record may affect practicum placement and program completion; therefore impacting future employment prospects. The decision to accept or reject a student for placement or observation experience based on the results of the Police Information Check would rest solely with the respective organization.

Program Content

Year 1

GET 100	Professional Practice
GET 105	Engineering Communications
GET 110	Math & Differential Calculus
GET 115	Advanced Calculus
GET 120	Statistics
GET 125	Microcontroller Applications I
EET 100	Project Management
EET 105	Physics and DC Analysis
EET 110	AC Analysis
EET 115	DC Machines
EET 120	Applied Electronics
EET 125	Electrical Systems Design I
EET 130	Microcontroller Applications II

Year 2

EET 200	AC Machines
EET 205	Programmable Controllers
EET 210	Power Systems
EET 215	Power Electronics
EET 220	Control and Instrumentation
EET 225	Electrical Systems Design II
EET 230	SCADA and HMI
EET 235	Industrial Networks
EET 240	Forensic Engineering
EET 245	Topic in Emerging Technologies
EET 246	Topic in Instrumentation
EET 247	Topic in Power Systems
EET 250	EET Capstone Project I
EET 251	EET Capstone Project II

Note: Students must complete a minimum of three Special Topics courses.

Graduation Requirements

Students must pass all courses and achieve a minimum cumulative GPA of 2.00.

Program Cost Estimates - 2014/2015

Year 1

Tuition	$ 4,309.50
Student Association Fees	$ 214.50
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 390.00
Books/Materials	$ 2,500.00
Total	$ 7,458.00

Year 2

Tuition	$ 4,530.50
Student Association Fees	$ 225.50
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 410.00
Books/Materials	$ 1,200.00
Total	$ 6,410.00

Health Related Programs

Chairperson
Maureen Matejka
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Health Care Aide Program

Note: The on campus program is suspended for the current academic year.

This program prepares the graduate to work in the full role of the Health Care Aide, in acute care facilities, continuing care facilities as well as in clients' homes.

Please check with the Registrar's Office for the dates of the next offering.

Related Careers

Health Care Aides may work in continuing care, in clients' homes or in hospital.

The Program

The HCA program consists of a variety of learning approaches including clinical practice supervised by a program instructor in a continuing care facility. Following the supervised clinical practice students are required to complete a preceptored clinical experience. Graduates complete the approved Alberta Health & Wellness Health Care Aide 2010 curriculum and are certified as Health Care Aides in Alberta.

Admission Requirements

1. Successful completion of ELA 10-1 or ELA 10-2 or an equivalent (or equivalency testing)

OR

G.E.D.

2. Immunization to be completed prior to program start.

Call RDC Test Centre for details on testing requirements.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Note: While not an admission requirement for the program, applicants are advised that they will be required to provide a Police Information Check (also known as a Criminal Record Check)

and Vulnerable Sector Check to most agencies where they will be placed for practicum experiences. The existence of police information or a criminal record may prevent practicum placement, program completion, professional licensure and therefore affect future employment prospects. It is the decision of each agency or institution to accept or reject a student for placement or observation experience based on the results of the police information check. The current police information check process used by Alberta Health Services can change during the academic year.

Program Content

HCA 141	Working Safely and Effectively as a HCA
HCA 142	Communication in a Health Care Environment
HCA 143	Structure & Function of the Human Body-Health & Chronic Illness
HCA 144	Providing Client Care & Comfort
HCA 145	Meeting Complex Care Needs
HCA 146	Assisting with Medication Delivery
HCA 147	Special Activities for Diverse Clients
HCA 122	HCA Supervised Clinical Practice
HCA 123	HCA Preceptored Clinical Practice

Graduation Requirements

Students must successfully complete all required courses, including practicum and preceptorship and receive a minimum cumulative GPA of 2.0.

Health Care Aide Program - High School Career and Technology Studies Route

The Health Care Aide - High School CTS Route is designed for high school students who wish to take the CTS health studies stream to complete the requirements for the Health Care Aide program. RDC partners with high schools to offer the content from the HCA provincial curriculum that is not already part of the CTS health stream. Students begin the program by registering for the CTS health studies courses then register at RDC to take the additional courses to receive an RDC, HCA credential. The program will prepare graduates to work in institutional and community settings.

Program Content

Block recognition for the following CTS Health Studies Courses:

HSS 1010	Health & Wellness Foundations
HSS 1020	Nutrition & Wellness
HCS 1050	Musculoskeletal System I
HCS 1060	Digestive System
HCS 1070	Respiratory System
HCS 1080	Cardiovascular System
HCS 1100	Infection & Immunity I
HCS 1110	Infection & Immunity 2
HCS 2020	First Air/CPR with AED
HCS 2050	Nervous System & Senses
HCS 2060	Endocrine System
CCS 2010	Health Care 1
CCS 3030	Aging and Frailty
CCS 3010	Health Care 2
CCS 3020	Health Care 3
HCA 122	Health Care Aide Supervised Clinical Practice
HCA 123	Health Care Aide Preceptored Clinical Practice
HCA 124	HCA Theory - CTS Route

Hospitality and Tourism Management

Donald School of Business - Main Campus
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Note: This program is suspended for the current academic year.

One-Year Certificate/Two-Year Diploma

Tourism, both in Canada and around the world is predicted to maintain a rapid pace of growth. This translates into continued demand for program graduates and increased opportunities for advancement within the Hospitality & Tourism industry. There are opportunities for professionally trained personnel in all areas of this "people business." Red Deer College and the hospitality industry have formed a partnership that benefits the student and the industry. Both partners contribute to all aspects of the program, from development to accreditation.

The program offers a one-year certificate and a two-year diploma in two areas of specialization:
1. Accommodation and Marketing Management
2. Food and Beverage Management

The certificate is designed to give the student the basic skills and knowledge required for entry-level and supervisory positions. The diploma is designed to prepare the student for management positions.

Career and Employment Opportunities

One of the biggest benefits to graduates is the diversity of careers available, whether close to home or around the world. Red Deer College graduates have chosen careers such as Front Office Manager, Sales and Marketing Manager, Restaurant Manager, Food and Beverage Manager, Human Resources Manager, Event Coordinator and Entrepreneur.

Our graduates have earned positions with major hotel, food service and tourism operations throughout Canada and the World. Hong Kong, Great Britain, Switzerland, Mexico, Australia, the Cayman Islands and the United States are a few countries where our graduates have chosen to work.

Transfer Features

The Hospitality and Tourism Program may provide graduates with advanced standing in various university degree programs:
University of New Brunswick (Saint John)
- Bachelor of Applied Management in Hospitality and Tourism

University of Lethbridge
- Bachelor of Management

Athabasca University
- Bachelor of Administration
- Bachelor of Professional Arts, Communication Studies Major

University of Calgary
- Bachelor of Hotel and Resort Management

Malaspina University College
- Bachelor of Tourism Management

Royal Roads University
- Bachelor of Arts in International Hotel Management

Please contact the Chairperson for further information.

Admission Requirements

Academic Requirements Certificate

1. High School Diploma

OR

2. General Equivalency Diploma

OR

3. Mature Student

You must be 19 years of age or older, out of high school at least one full year before the program starts, AND obtain a satisfactory mark (score of 50% or greater) on a test of basic English and Math administered by the College and a score of 2 or higher on a writing sample.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Note: While not an admission requirement for the program, some practicum agencies and field placements may require Police Information Checks of students working in their organizations. Information about obtaining Police Information Checks will be provided to students after they have been admitted to the program. Prospective students who have a criminal record should discuss the matter with the department Chair prior to applying for admission.

Program Content

1. Accommodation and Marketing Management Certificate

Fall & Winter Terms

COMM 140	Fundamentals of Workplace Communications
HOSP 203	Front Office Procedures
HOSP 204	Guest Room Management
HOSP 206	Hospitality Marketing
HOSP 208	Hospitality Sales and Advertising
HOSP 213	Computers
HOSP 215	Food Safety and Sanitation Management
HOSP 220	Basic Food Preparation
HOSP 221	Basic Dining Room Service
HOSP 233	Quality Service Integration
HOSP 240	Hospitality Human Resource Management
HOSP 241	Strategic Career Development I
HOSP 243	Workplace Safety and Responsibility
HOSP 244	Introduction to Hospitality Services and Facilities
HOSP 313	Advanced Computers for Hospitality

Spring Term

WKEP 230	1st Year Field Work

Diploma

Fall and Winter Terms

HOSP 202	Introductory Accounting
HOSP 205	Security and Emergency Management
HOSP 214	Food, Beverage and Labor Cost Controls
HOSP 236	Hospitality Management Accounting
HOSP 242	Strategic Career Development II
HOSP 303	Convention and Event Management
HOSP 306	Accommodation and Restaurant Law
HOSP 308	Tourism Operations
HOSP 312	Hospitality Operations and Entrepreneurship
HOSP 318	Contemporary Hospitality Management Theory
HOSP 328	Electronic Marketing for Hospitality and Tourism

Option* 3 credits

Spring Term

WKEP 330	2nd Year Field Work

2. Food and Beverage Management
Certificate
Fall and Winter Terms

COMM 140	Fundamentals of Workplace Communications
HOSP 206	Hospitality Marketing
HOSP 208	Hospitality Sales and Advertising
HOSP 213	Computers
HOSP 215	Food Safety and Sanitation Management
HOSP 220	Basic Food Preparation
HOSP 221	Basic Dining Room Service
HOSP 228	Bar and Beverage Management
HOSP 230	Introduction to Wine
HOSP 233	Quality Service Integration
HOSP 239	Food Purchasing and Production Hospitality
HOSP 240	Human Resource Management
HOSP 241	Strategic Career Development I
HOSP 243	Workplace Safety and Responsibility
HOSP 244	Introduction to Hospitality Services and Facilities

Spring Term

WKEP 230	1st Year Field Work

Diploma
Fall and Winter Terms

HOSP 202	Introductory Accounting
HOSP 205	Security and Emergency Management
HOSP 214	Food, Beverage and Labor Cost Controls
HOSP 226	Menu Planning and Design
HOSP 236	Hospitality Management Accounting
HOSP 242	Strategic Career Development II
HOSP 303	Convention and Event Management
HOSP 306	Accommodation and Restaurant Law
HOSP 312	Hospitality Operations and Entrepreneurship
HOSP 318	Contemporary Hospitality Management Theory
HOSP 322	Fine Dining Food Preparation
HOSP 320	Fine Dining Service
HOSP 321	Beverage Operations
Option*	3 credits

Spring Term

WKEP 330	2nd Year Field Work

*Options may not include high school equivalency courses. If you plan to transfer to a university refer to the Alberta Transfer Guide.

Graduation Requirements

A student must pass all courses and achieve a minimum cumulative GPA of 2.0 to graduate from the certificate or diploma program.

International Business

Donald School of Business - Downtown
Associate Dean
Dr. Diane Janes
email: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

One Year Graduate Certificate Related Careers

The Graduate Certificate in International Business builds on previous post-secondary education to give students the skills they need to enter an exciting career working with people and organizations globally.

The Program

The Graduate Certificate in International Business is offered within the Red Deer College Donald School of Business and in partnership with the Forum for International Trade Training (FITT). There are two routes available: Graduate Certificate in International Business or Graduate Certificate in International Business, Practicum Enhanced. Features of this program include:

- Guest speakers who are active in international business;
- Opportunities to network with industry representatives;
- Opportunities to hone business writing and presentation skills;
- Practical advice with regard to obtaining international employment;
- Opportunity to earn a Forum for International Trade Training (FITT) Certificate and Diploma in addition to the RDC Certificate;
- After one year of international trade experience, graduates also qualify to apply for the Certified International Trade Professional (CITP) designation.

Upon completion of this program, students will be able to:

- Evaluate the benefits and challenges of the international business environment for Canada;
- Develop strategies to manage the financial and legal risks of international business;
- Collaborate effectively with others in a variety of situations;
- Design effective strategies for communication in multi-cultural settings;
- Develop a foreign market entry strategy for a specific product or service;
- Create a customized international business plan to support the global initiative of a real company.

Admission Requirements

An Undergraduate degree from an accredited institution in any discipline

OR

a two year diploma or equivalent training from an accredited institution in any discipline with the equivalent of two years' full-time work experience. Applicants with an equivalent combination of education and experience may be admitted upon approval by the Associate Dean.

Note: In addition to the program admission requirements, applicants whose first language is not English must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

MGMT 410	Global Business Environment
MGMT 470	Corporate Social Responsibility
INTB 410	Managing Cultural Difference
INTB 415	International Marketing Management
INTB 420	Financing International Trade
INTB 425	International Trade Logistics
INTB 430	Legal Aspects of International Trade
INTB 435	International Trade Research
INTB 440	International Trade Management
INTB 445	International Market Entry Strategies

Program Content (Practicum Enhanced)

MGMT 410	Global Business Environment
MGMT 470	Corporate Social Responsibility
INTB 410	Managing Cultural Difference
INTB 415	International Marketing Management
INTB 420	Financing International Trade
INTB 425	International Trade Logistics
INTB 430	Legal Aspects of International Trade
INTB 435	International Trade Research
INTB 440	International Trade Management
INTB 445	International Market Entry Strategies
and	
INTB 450	International Practicum

Program Cost Estimates – 2014/2015 – not available

Note: Practicum Expenses – Students choosing the Practicum Enhanced route are responsible for arranging and paying for travel, accommodation and meals related to practicum.

Graduation Requirements

You must pass all 10 courses and achieve a minimum cumulative GPA of 2.0.

OR

You must pass all 10 courses with a minimum cumulative GPA of 3.0, with no grade below C in any of the courses, and receive a grade of CR on the practicum.

Kinesiology and Sport Studies

Chairperson
Sharon Hamilton
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Two-Year Diploma Program

Kinesiology is the study of the science of movement. The Red Deer College Kinesiology and Sport Studies program offers 2-year diploma specializations in the following areas:

- Kinesiology and Sport Studies General
- Kinesiology and Sport Studies Adapted Physical Education
- Kinesiology and Sport Studies Coaching & Sport Performance
- Kinesiology and Sport Studies Fitness and Health Promotion
- Kinesiology and Sport Studies Sport Management

The diploma programs allow you to acquire knowledge and experience in either Adapted Physical Education, Coaching and Sport Performance, Fitness and Health Promotion, Sport Management or take the General Diploma pattern of courses. After completing the 2-year Diploma Program, you may transfer to a university to complete a 4-year Bachelor's Degree program (see Kinesiology and Sport Studies - University Transfer Programs, page 50).

The Program

The objective of the diploma program is to educate and prepare qualified leaders in the field of Kinesiology and Sport Studies who are prepared for employment in related fields and agencies in the private and public sectors.

Admission Requirements

1. **Minimum average of 60% with no mark below 50% in:**
   a. ELA 30-1
   b. Subject from Group A* and/or C (for this program only, Math 30-2 may also be used as one of these subjects)
   c. Subject from Group A* or C
   d. Subject from Group C (Biology 30 recommended)
   e. Subject from Group B, C, or D
   (see "Alberta Grade 12 Course Groups", page 8)

* Only one language other than English will be accepted OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school for at least one full year before the program starts, and have a minimum average of 60% with no mark below 50% in:
   a. ELA 30-1
   b. Subject from Group C (Biology 30 recommended)

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Note: After completing your diploma and if you are applying to transfer to the Faculty of Kinesiology at the University of Calgary, you must present ELA 30-1, Biology 30, Mathematics 30-1 and Chemistry 30 for admission. For the U of C .Exercise and Health Physiology Major .Mathematics 30-1 (minimum grade of 70%) is required. Math 31 is recommended. For the U of C .Biomechanics Major - Mathematics 30-1 ((minimum grade of 70%) and Math 31 are required; Physics 30 is recommended.

Note: If you are applying to the University of Alberta Bachelor of Science Kinesiology (BScKin), admission to this program requires the following high school subject requirements - English Language Arts 30-1, Chemistry 30, Mathematics 30-1, Physics 30, and one of Biology 30 or Physical Education 30 (5 credit) or approved 35 level equivalent (5 credit), including Exercise Science 35, Sports Medicine 35, or Sport Performance 35.

Program Content

Diploma - Kinesiology and Sport Studies - General

This program is designed for students who wish to (1) complete the General Diploma or (2) continue on to complete a four year Bachelor's Degree. The General Diploma is the University of Alberta and University of Calgary Transfer Programs pattern of courses.

General Diploma (transfer to Bachelor of Physical Education Degree at the University of Alberta)

Year 1

KNSS 200	Structural Anatomy
KNSS 201	Biomechanics
KNSS 204	Sociocultural Foundations of P.E. Leisure & Sport
KNSS 210	Fitness and Wellness Theory & Practice
KNSS 240	Adapted Physical Education
KNSS 270	Leadership & Instruction in Physical Activity
KDNC 200	The Spectrum of Dance in Society
ENGL 219/ENGL 220	Essay Composition and Critical Reading/Literary Analysis

One Physical Activity Course - KPAC/KDNC

Year 2

PSIO 258	Elementary Physiology I
PSIO 259	Elementary Physiology II
KNSS 202	Physiology of Exercise
KNSS 203	Skill Acquisition & Performance
KNSS 205	History of Sport
KNSS 250	Intro to the Admin of Sport, Physical Activity, & Recreation Programs

One Physical Activity Course -KPAC/KDNC

Two of:

KNSS 209	Measurement and Evaluation
KNSS 244	Introduction to Nutrition Studies
KNSS 253	Psychological Sport Performance
KNSS 307	Growth and Development
PSYC 260	Basic Psychological Processes

One of:

KNSS 220	Introduction to Athletic Therapy
KNSS 260	Introduction to Coaching Theory
KNSS 280	Introduction to Outdoor Education*
KNSS 299	Directed Studies in Kinesiology and Sport Studies
INTD 240	Integrated Arts Approach to Movement

*Participation in KNSS 280 requires that all students complete and return a participant information package in early August. If you do not receive an information package by the end of July, please contact the Kinesiology Department at 403.342.3201. KNSS 280 includes a one week camp during the fourth week of August.

General Diploma (transfer to Bachelor of Kinesiology Degree at the University of Calgary).

Year 1

KNSS 200	Structural Anatomy
KNSS 201	Biomechanics
KNSS 204	Sociocultural Foundations of P.E. Leisure & Sport
KNSS 210	Fitness and Wellness Theory & Practice
KNSS 240	Adapted Physical Education
KNSS 270	Leadership & Instruction in Physical Activity
KDNC 200	The Spectrum of Dance in Society

Two Approved Options

Two Physical Activity Courses - KPAC/ KDNC or KNSS 280*

Year 2

PSIO 258	Elementary Physiology I
PSIO 259	Elementary Physiology II
KNSS 205	History of Sport
KNSS 209	Measurement and Evaluation
KNSS 244	Introduction to Nutrition
KNSS 307	Growth and Development
BIOL 217	Introduction to Cell Biology

Two Physical Activity Courses - KPAC/ KDNC or KNSS 280*

Two of:

One Approved Option

KNSS 203	Skill Acquisition & Performance
KNSS 220	Introduction to Athletic Therapy
KNSS 250	Intro to the Admin of Sport, Physical Activity, & Recreation Programs
KNSS 253	Psychological Sport Performance
KNSS 260	Introduction to Coaching Theory
KNSS 299	Directed Studies in Kinesiology and Sport Studies
INTD 240	Integrated Arts Approach to Movement

Note: Students should plan to take KNSS 200, PSIO 258, PSIO 259 and BIOL 217 at RDC before transferring to U of C. Approved Options should be selected after consultation with an Academic Advisor and considering the major you will choose upon transferring. General Major Approved Options are ENGL 219 and/or PSYC 260.

Students interested in pursuing the Leadership in Pedagogy and Coaching Major at the U of C should discuss, with an Academic Advisor, requirements for admission to this program at U of C prior to commencement of their RDC Kinesiology program.

Diploma - Kinesiology and Sport Studies - Adapted Physical Education

The Adapted Physical Education Program is designed for students who wish to (1) complete a diploma with a focus in adapted physical education (2) pursue the university transferable program of studies in the area of Kinesiology and Sport Studies or the University of Calgary Bachelor of Community Rehabilitation Program.

The 2-year Adapted Physical Education program is designed so that the students will acquire the knowledge, skills and attitudes in preparation for a career in the area of adapted physical education program development and delivery.

Course Selection

Year 1

KNSS 200	Structural Anatomy
KNSS 201	Biomechanics
KNSS 204	Sociolcultural Foundations of PE Leisure and Sport
KNSS 210	Fitness and Wellness Theory & Practice
KNSS 240	Adapted Physical Education
KNSS 270	Leadership and Instruction in Physical Activity
KDNC 200	The Spectrum of Dance in Society
KNSS 307	Human Growth & Development

One Physical Activity Course - KPAC/KDNC
Approved Option (ENGL 219 or PSYCH 260 recommended)

Year 2

PSIO 258	Elementary Physiology I
PSIO 259	Elementary Physiology II
KNSS 250	Intro to the Admin of Sport, Physical Activity, & Recreation Programs
KNSS 299	Directed Studies in Kinesiology and Sport Studies
INTD 240	Integrated Arts Approach to Adapted Physical Education
KNSS 306	Values and Ethics in Adapted Physical Education
KNSS 285	Physical Activity & Aging
KNSS 340	Pedagogies in Adapted Human Movement

Two Approved Options: (Recommended: BIOL 217 (U of C Transfer); KNSS 202, KNSS 205, KNSS 209, KNSS 260, KNSS 244, KNSS 253, One KPAC/KDNC, PSYCH 260, ENGL 219, ENGL 220)

The diploma program requires the completion of the above listed courses or acceptable replacement courses.

Acceptance into the Adapted Physical Education Diploma Program is limited by quota based on a minimum GPA of 2.0, Directed Study placement availability, an interview, and completion of the following additional requirements: Standard First Aid, CPR-HCP & AED certification (or equivalent). Proof of completion of the additional requirements must be provided prior to the start of year 2.

Students normally apply to this diploma program starting December 1 of their first year of studies in the Kinesiology and Sport Studies Program.

Diploma - Kinesiology and Sport Studies - Coaching & Sport Performance

This Diploma Program is designed for students who wish to (1) complete a diploma with a focus on Coaching & Sport Performance or (2) pursue the university transferable program of studies in the area of Kinesiology and Sport Studies.

The 2-year Coaching & Sport Performance program is designed so that the students will acquire the necessary knowledge, skills and attitudes required to coach select individual or team sports.

Course Selection

Year 1

KNSS 200	Structural Anatomy
KNSS 201	Biomechanics
KNSS 204	Sociocultural Foundations of PE Leisure & Sport
KNSS 210	Fitness and Wellness Theory & Practice
KNSS 240	Adapted Physical Education
KNSS 270	Leadership & Instruction in Physical Activity
KDNC 200	The Spectrum of Dance in Society
Approved Option	
Approved Option	

One Physical Activity Course - KPAC/KDNC

Year 2

PSIO 258	Elementary Physiology I
PSIO 259	Elementary Physiology II
KNSS 202	Physiology of Exercise (U of A transfer only)
KNSS 250	Intro to the Admin of Sport, Physical Activity, & Recreation Programs
KNSS 253	Psychological Sport Performance
KNSS 260	Intro to Coaching Theory
KNSS 299	Directed Studies in Kinesiology & Sport Studies

One of:	
KNSS 203	Skill Acquisition & Performance
KNSS 220	Introduction to Athletic Therapy
One of:	
BIOL 217	Intro to Cell Biology (required for U of C transfer students)
KNSS 205	History of Sport
KNSS 209	Measurement and Evaluation
KNSS 244	Introduction to Nutrition (recommended for U of C transfer students)
KNSS 307	Growth and Development
One of:	
KPAC 290	Metabolic Conditioning
KPAC 321	Applied Resistance Training An Advanced KPAC

The diploma program requires the completion of the above listed courses or acceptable replacement courses. The Coaching Diploma also requires the completion of First Aid and CPR.

Acceptance into the Coaching Diploma Program is limited by quota based on a minimum GPA of 2.0, Directed Study placement availability and an interview.

Students normally apply to this diploma program starting December 1 of their first year of studies in the Kinesiology and Sport Studies Program.

Diploma - Kinesiology and Sport Studies - Fitness and Health Promotion

This Diploma Program is designed for students who wish to (1) complete a diploma with a focus on Fitness and Health Promotion or (2) pursue the university transferable program of studies in the area of Kinesiology and Sport Studies.

The 2-year Fitness and Health Promotion Program is designed so that the students will acquire the necessary knowledge, skills and attitudes required to plan and instruct fitness classes, perform a variety of fitness testing protocols, counsel individuals and groups regarding fitness programs and establish and operate fitness programs in industry, clubs and communities.

Course Selection

Year 1

KNSS 200	Structural Anatomy
KNSS 201	Biomechanics
KNSS 204	Sociocultural Foundations of PE Leisure & Sport
KNSS 210	Fitness and Wellness Theory & Practice
KNSS 240	Adapted Physical Education
KNSS 270	Leadership & Instruction in Physical Activity
KDNC 200	The Spectrum of Dance in Society
Approved Option	
KPAC 290	Metabolic Conditioning

Year 2

PSIO 258	Elementary Physiology I
PSIO 259	Elementary Physiology II
KNSS 202	Physiology of Exercise (U of A transfer only)
KNSS 209	Measurement & Evaluation
KNSS 244	Introduction to Nutrition
KNSS 250	Intro to the Admin of Sport, Physical Activity, & Recreation Programs
KNSS 299	Directed Study
KPAC 321	Applied Risistance Training
Two of:	
KNSS 203	Skill Acquisition and Performance
KNSS 205	History of Sport
KNSS 220	Athletic Therapy OR
KNSS 280*	Outdoor Education
KNSS 253	Psychological Sport Performance
KNSS 307	Growth and Development
BIOL 217	Intro to Cell Biology (required for U of C transfer students)
PSYC 260	Basic Psychological Processes
One Physical Activity Course - KPAC/ KDNC	
BUS 201	Introduction to Business
BADM 132	Introduction to Marketing

The diploma program requires the completion of the above listed courses or acceptable replacement courses. The Fitness and Health Promotion Diploma Program also requires the following certifications:

AFLCA -Alberta Fitness Leadership Certification Association certification in one of the four specialities: Older Population, Aerobic, Aquatic, Resistance Training (AFLCA Certification includes CPR) OR the NCCP Level I Weightlifting - Instructional Stream AFLCA group exercise OR the NCCP Level I Weightlifting - Instructional Stream Athletic First Aid (Standard First Aid accepted) and CPR Level B or C. CSEP-CPT (Certified Personal Trainer) - Students are able to write the CSEP-CPT national certification examination upon completion of their Fitness & Health Promotion Diploma coursework.

These certifications are available through the Kevin Sirois Fitness and Resource Centre at Red Deer College at a cost of approximately $60-$150 per certification. Acceptance into the Fitness and Health Promotion Diploma Program is limited by quota based on a minimum GPA of 2.0, Directed Study placement availability and an interview.

Students normally apply to this diploma program starting December 1 of their first year of studies in the Kinesiology and Sport Studies Program.

Diploma - Kinesiology and Sport Studies - Sport Management

This program is designed for students who wish to (1) complete a diploma with a focus on sport management or (2) pursue the university transferable program of studies in the area of Kinesiology and Sport Studies.

The 2-year diploma program in Sport Management is designed to provide knowledge and practical skills so that the graduate of this program can work in a variety of sport management settings. Employment positions may include: planning and directing programs and activities in clubs, leagues, and summer camps; civic or provincial sport governing organizations or a variety of other sport, recreation and fitness agencies.

Students will acquire administration and leadership skills necessary for the planning, designing, marketing and implementing of sports programs, as well as instruction and analytical skills necessary for teaching and coaching.

Course Selection

Year 1

KNSS 200	Structural Anatomy
KNSS 201	Biomechanics
KNSS 204	Sociocultural Foundations of PE Leisure & Sport
KNSS 210	Fitness and Wellness Theory & Practice
KNSS 240	Adapted Physical Education
KNSS 270	Leadership & Instruction in Physical Activity
KDNC 200	The Spectrum of Dance in Society
Approved Option	
Approved Option	
One Physical Activity Course - KPAC/KDNC	

Year 2

PSIO 258	Elementary Physiology I
PSIO 259	Elementary Physiology II
KNSS 250	Intro to the Admin of Sports, Physical Activity, & Recreation Programs
KNSS 299	Directed Studies in Kinesiology & Sport Studies
One of:	
KNSS 205	History of Sport
KNSS 253	Psychological Sport Performance
Four of:	
ACCT 202	Introductory Financial Accounting
BUS 201	Introduction to Business
BADM 132	Introduction to Marketing (no U of C transfer)
BUS 303	Introduction to Organizational Behavior (if not taken in year 1)
BUS 311	Legal Foundations of the Canadian Economy
ECON 201	Introduction to Microeconomics
One of:	
KNSS 202	Physiology of Exercise (U of A transfer only)
KNSS 203	Skill Acquisition and Performance
KNSS 205	History of Sport
KNSS 209	Measurement and Evaluation
KNSS 220	Introduction to Athletic Therapy
KNSS 244	Introduction to Nutrition
KNSS 253	Psychological Sport Performances
KNSS 260	Introduction to Coaching
KNSS 280*	Introduction to Outdoor Education
BIOL 217	Intro to Cell Biology (required for U of C transfer)
INTD 240	Integrated Arts Approach to Movement
One Physical Activity Course - KPAC/ KDNC	

*Participation in KNSS 280 requires that all students complete and return a participant information package in early August. If you do not receive an information package by the end of July, please contact the Kinesiology Department at 403.342.3201. KNSS 280 includes a one week camp during the fourth week of August.

The diploma program requires the completion of the above listed courses or acceptable replacement courses.

Acceptance into the Sport Management Diploma program is limited by quota based on a minimum GPA of 2.0, Directed Study placement availability and an interview. Students normally apply to this diploma program starting December 1 of their first year of studies in the Kinesiology and Sport Studies Program.

Program Cost Estimates - 2014/2015

General Year 1

Tuition	$ 3,536.00
Student Association Fees	$ 176.00
Fees	$ 79.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 320.00
Books/Materials	$ 1,050.00
Total	$ 5,205.00

Year 2

Tuition	$ 3,646.50
Student Association Fees	$ 181.50
Fees	$ 45.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 330.00
Books/Materials	$ 1,050.00
Total	$ 5,297.00

Graduation Requirements

You must complete all courses with a minimum cumulative grade point average of 2.0 with no grade less than D in any course to receive the Kinesiology and Sport Studies Diploma.

Legal Assistant

Donald School of Business - Downtown
Associate Dean
Dr. Diane Janes
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Two-Year Diploma

Related Careers

Legal assistants often find work in law offices, governments, financial institutions, and in the oil and gas sector. They work under a lawyer's supervision, completing routine legal and administrative processes.

Specific examples of Legal Assistant duties include real estate transactions; preparing common forms of wills, estates, and probate and collection work, as well as litigation and corporate work. Students are eligible to become members of the Alberta Association of Professional Paralegals.

The Program

This two-year program prepares students to work within the legal profession as a highly skilled administrative professional providing support to lawyers within law firms, legal departments of corporations and government agencies. Students will develop knowledge and skills in legal terminology and procedures, technology, and communication through the following outcomes:

- Complete processes and documents related to default judgments and contested actions, collections and chambers applications.
- Complete processes, searches, documents, and letters related to a variety of real estate purchases and sales.
- Create wils and power of attorney, personal directives and applications for trusteeship and guardianship.
- Complete applications for probate and administration.
- Complete processes and documents for application for divorce, custody, access, support and matrimonial property pursuant to the various family statutes.
- Register a variety of types of businesses, and prepare and maintain a corporate minute book.
- Demonstrate a basic understanding of the Canadian legal system.
- Demonstrate a basic understanding of criminal law.
- Identify components of contracts and assemble selected contracts.
- Create messages, letters and documents with appropriate style and format, using correct grammar and spelling. Proofread and edit own work and the work of others.
- Complete math calculations common to a law office.
- Demonstrate technical competence related to information technology commonly used in legal environments.
- Use interpersonal communication skills to promote positive client relations, resolve conflict and promote a positive team working environment.
- Demonstrate initiative, attitude and positive presentation of self, appropriate to the legal environments.
- Behave in an ethical manner based on the Code of Professional Conduct of the Law Society of Alberta.
- Demonstrate job search skills.
- Locate, evaluate, select, organize and summarize information using appropriate resources.
- Identify common problems encountered in the role of legal assistant and demonstrate problem solving strategies.
- Demonstrate time management and organizational skills.

Admission Requirements

A minimum of 50% in ELA 30-1 or 65% in ELA 30-2, or equivalent, OR
A minimum score at the 50th percentile on the English component of the College Board Placement Test or the Test of Adult Basic Education and a score of 2 or higher on a writing sample.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Note: Applicants are advised that they are exempt from the Communication Course Placement Testing as COMM 150 and COMM 250 are program requirements.

Note: It is to your advantage to have basic keyboarding and grammar before beginning the Program.

Note: Applicants are advised that they may be required to provide a Police Information Check to some agencies where they will be placed for practicum experiences. The existence of a criminal record may affect practicum placement and program completion therefore impact future employment prospects. It is each agency's or institution's decision to accept or reject a student for placement or observation experience based on the results of the Police Information Check

Program Content

Year 1

COMM 150	Business and Workplace Writing
COMM 250	Business and Workplace Writing
LEGL 100	Beginning Keyboarding
LEGL 105	Introduction to the Canadian Legal System
LEGL110	Litigation I
LEGL 115	Litigation II
LEGL 120	Corporate Law
LEGL 125	Contracts
LEGL 130	Real Estate I
LEGL 135	Business Keyboarding
LEGL 140	Introductory Information Processing for the Legal Assistant
LEGL 145	Criminal Law

Year 2

LEGL 200	Professional and Interpersonal Skills
LEGL 205	Estate Planning
LEGL 210	Litigation III
LEGL 215	Litigation IV
LEGL 220	Intermediate Information Processing for the Legal Assistant
LEGL 225	Estate Administration
LEGL 230	Real Estate II
LEGL 233	Commercial Law
LEGL 235	Real Estate III
LEGL 240	Family Law
LEGL 245	Technology Integration for the Legal Assistant
LEGL 250	Practicum

LEGL 250 Practicum is usually completed during May and June following the second year.

Program Cost Estimates - 2014/2015

Year 1

Tuition	$ 3,536.00
Student Association Fees	$ 176.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 320.00
Books/Materials	$ 1,065.00
Total	$ 5,141.00

Year 2

Tuition	$ 3,646.50
Student Association Fees	$ 181.50
Fees	$ 57.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 350.00
Books/Materials	$ 1,145.00
Total	$ 5,424.00

Graduation Requirements

You must pass all courses and achieve a minimum cumulative GPA of 2.00.

Management Certificate

Donald School of Business - Downtown
Associate Dean
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Local calls: 403.342.3400
Toll Free: 1.888.732.4630

This program is designed for students who work full-time and study part-time. The Certificate permits part-time students to earn a college credential. Students can also be admitted to the Management Certificate on a full-time basis. You must complete eight business courses as outlined below to be awarded the certificate. To meet graduation requirements, students must complete all courses with a minimum grade of "D" and a minimum grade point average (GPA) of 2.00 (62%).

Related Careers

The Management Certificate provides basic business skills leading to management positions within an organization. The certificate also provides opportunities to further advance your studies at RDC in the field of business.

Business Administration Diploma or Financial Services Diploma after the Management Certificate

Students wanting to advance their studies in busines administration or financial services are able to apply the Management Certificate courses to the two-year Business Administration or Financial Services Diploma. However, course selection should be given careful consideration as part of the overall planning for the Management Certificate.

Students who have completed the Management Certificate program and successfully fulfill the graduation requirement for the Business Administration Diploma or Financial Services Diploma will be granted the Business Administration Diploma or Financial Services Diploma only.

Admission Requirements

There are no formal admission requirements. The English and Mathematics requirements for the Business Administration Diploma programs are highly recommended, but not required.

Communications Course Placement Testing

Where possible, it is recommended that students meet the English and Mathematics requirements of the diploma program. Students will be required to take a College placement test before registering in a written communications course. (Students with 60% or greater in English 30 or ELA 30-1 will be exempt from this test.) Students who do not achieve a satisfactory mark in this test will be required to complete COMM 150 prior to registering in the required diploma course COMM 250. Students should take the placement test early in the event that COMM 150 is required. COMM 150 is not accepted for credit as an option in the Management Certificate, the Business Administration Diploma or the Financial Services Diploma.

Computing Skills

Students entering the program should have a working knowledge of word processing and spreadsheet software. Students without the prerequisite knowledge can take CMPT 261, or CMPT 170 for credit toward their Management Certificate. BADM 107 is not accepted for credit in the Management Certificate. It is recommended that students with requisite computing skills take BADM 207.

Program Content - Eight Courses

1 Accounting Course (except ACCT 075) ACCT 102 Recommended
1 Computing Course (3 or 4 credits) (BADM 207 Recommended)
BUS 303 - Intro to Org Behaviour
1 Economics Course ECON 101 Recommended
4 Business Options

Courses are to be selected from those listed under "Program Content" for the Business Administration Diploma.

Red Deer College Continuing Education course work may be used for up to two course equivalents. Generally, forty five hours of approved Continuing Education courses will be considered equivalent to one three credit Business Option course. For students planning to ladder into the Business Administration Diploma or Financial Services Diploma, Continuing Education courses will not be accepted for credit. Exceptions to the above are to be approved by the Department.

It is recommended that students take either one of BUS 201 - Introduction to Business or BADM 110 - Introduction to Management as one of their four (4) business options. It is recommended that students choosing ACCT 102 - Introductory Accounting I also take, as an option course, ACCT 103 - Introductory Accounting II. Students entering the Management Certificate program with requisite computer skills and who are planning on applying to the Business Administration Diploma or Financial Services Diploma are highly recommended to take CMPT 071 and CMPT 083, or a course that includes these modules as a prerequisite to BADM 207.

Notes: Notes 1-7 refer to equivalent courses that may be taken in lieu of various specified courses. Students may receive credit for only one of each equivalency.

1. ACCT 202 is equivalent to ACCT 102 plus ACCT 103
2. ACCT 204 is equivalent to ACCT 104
3. ECON 201 is equivalent to ECON 100
4. ECON 202 is equivalent to ECON 101
5. BUS 306 is equivalent to BADM 111
6. BUS 310 is equivalent to BADM 260 and is acceptable as a prerequisite for BADM 270
7. BADM 170, BADM 107, BUS 358, CMPT 261 and CMPT 170 are not accepted for credit towards the Business Administration or Financial Services Diploma.

Graduation Requirements

Students must complete all courses with a minimum grade of "D" and a minimum grade point average (GPA) of 2.00 (62%).

Program Cost Estimates - 2014/2015

Tuition	$	3,646.50
Student Association Fees	$	181.50
Activity & Wellness Fee	$	44.00
Facility, Service & Tech Fee	$	330.00
Books/Materials	$	900.00
Total	$	5,102.00

Mechanical Engineering Technology

Contact
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Toll Free: 1.888.732.4630

Two Year Diploma

The Program

The Mechanical Engineering industry is growing rapidly and the Mechanical Engineering Technology (MET) program comes as a natural response to meet this growth. Graduates of this program will have general mechanical engineering knowledge such as materials, thermodynamics, management and more, in addition to the required skills and knowledge to compete effectively in the mechanical engineering field. MET is a program that combines problem solving skills, analytical and lean thinking, strong troubleshooting practices and project management skills. This combination will prepare MET graduates for rewarding careers in the field of Mechanical Engineering Technology. Students of this program will be exposed to topics highly in demand for the industry such as NDT, CIM, Lean, and FMEA. The components of the program were developed based on feedback from industry stakeholders to meet the needs and expectations of an exciting and diversified career area. Graduates will meet the National Technology Benchmarks of their field and will develop knowledge and skills that enable them to:

- Communicate design ideas by producing sketches, 2D and 3D drawings and prototypes.
- Prepare product specifications for manufacturing.
- Demonstrate high level of thechnical communications and critical thinking skills.
- Use project management principles to plan and execute projects.
- Conduct failure analysis to identify defects and risks in products.
- Operate various metal removal machines including CNC.
- Demonstrate the understanding of plastics manufacturing.
- Write functional programs for robotics and utilize PLCs.
- Apply math, physics and other science topics to solve design problems.
- Comply with industry standards of s afety, ethics, and workplace practices.

Related Careers

As a graduate from MET, you may find employment with firms that manufacture products such as valves, pressure vessels, agricultural equipment, oilfield equipment, lumber, medical testing equipment and other hydraulic firms. There are other employment opportunities with engineering consulting firms in design, fabrication, production and quality control as well as in municipal and government agencies.

- Engineering Research and Development Technician.
- Manufacturing and Process Automation Technician.
- Testing, Structure and Design Technician.
- Process Planning and Improvement Coordinator/Manager.
- Fabrication Coordinator of Metal/ Non-Metal Products.
- Technical Sales Position.
- Steel Fabricators Quality Assurance Manager.
- CAD Operator/Designer Mechanical Components, Sales Estimator.

Admission Requirements

A minimum average of 65% with no mark below 50% in:

a. ELA 30-1 or ELA 30-2 or equivalent
b. Mathematics 30-1 or equivalent
c. Physics 20 or equivalent
d. Two of Chemistry 30, Mathematics 31, Physics 30, Science 30 or of Computer Science Advanced-Level CTS (5 credits) or equivalent.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Other Requirements

Note: Applicants are required to have a laptop computer that uses Microsoft Windows 7 as the operating system with a 64 bit processor, Intel i3 CPU or better and 8 GB Ram or more.

Note: Applicants may be required to undergo a Criminal Records Check to the satisfaction of some agencies where they might be placed for practicum experiences. The existence of a Criminal Record may affect practicum placement and program completion; therefore impacting future employment prospects. The decision to accept or reject a student for placement or observation experience based on the results of the criminal record check would rest solely with the respective organization.

Program Content

Year 1

GET 100	Professional Practice
GET 105	Engineering Communications
GET 110	Math and Differential Calculus
GET 115	Advanced Calculus
GET 120	Statistics
MET 100	Physics
MET 105	Engineering Drafting
MET 110	Engineering Management
MET 115	Metrology
MET 120	Statics
MET 125	Materials Science
MET 130	Fluid Mechanics
MET 135	Thermodynamics
MET 140	Computer Aided Design
MET 145	Manufacturing I

Year 2

MET 200	Fundamentals of FMEA
MET 205	Dynamics
MET 210	Building systems
MET 215	Pneumatics and Hydraulics
MET 220	Strength of Materials
MET 225	Tool and Fixture Design
MET 230	Robotics
MET 235	CIM
MET 245	Manufacturing II
MET 246	Manufacturing III
MET 249	CNC Manufacturing
MET 250	Control Systems
MET 255	AMET Capstone Project I
MET 256	AMET Capstone Project II
MET 260	Manufacturing Automation

Graduation Requirements

The student must pass all courses and achieve a minimum cumulative GPA of 2.00.

Program Cost Estimates - 2014/2015

Year 1

Tuition	$ 4,199.00
Student Association Fees	$ 209.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 380.00
Books/Materials	$ 2,300.00
Total	$ 7,132.00

Year 2

Tuition	$ 4,420.00
Student Association Fees	$ 220.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 370.00
Books/Materials	$ 1,200.00
Total	$ 6,254.00

Medical Laboratory Assistant

Chairperson
Dr. Bryan Rowsell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

23-week Certificate Program

The program is designed so that students complete sixteen weeks of classroom and laboratory study at RDC followed by a seven week practicum of clinical laboratory training. The Medical Lab Assistant certificate includes four major areas of study: phlebotomy, urinalysis, histology, and microbiology. Students are trained to collect, process, and prepare patient specimens, enter data, perform clerical and reception services, perform electrocardiograms and urinalysis, and carry out basic laboratory procedures. Graduates of the MLA program are eligible to write the Canadian Society for Medical Laboratory Science MLA national certification examination. During practicum experience, students will address a limited selection of competency in a simulation lab. The remainder of the unpaid practicum occurs in settings whose staffing includes Medical Laboratory Assistants. The available practicum sites are located primarily in central Alberta.

All students are expected to travel to clinical agencies throughout Central Alberta Health Services Region for the clinical practicum. Students require access to reliable transportation that will enable them to complete the requirements for the clinical practicum. During the clinical practicum students may also be required to arrange alternate accommodation for up to 7 weeks during the winter semester. Students are responsible for costs associated with this travel.

Related Careers

There is a high demand for Medical Lab Assistant in Central Alberta, as well as in other areas provincially and interprovincially. Medical Lab Assistants find employment in hospitals, community health centers, and public or private clinical laboratories.

Note: There is one annual intake in Fall for the MLA program usually beginning in October.

Admission Requirements

A) Academic Requirements

1. **Minimum average of 60% and no mark below 50% in:**
   a. English 30-1 or 30-2
   b. Chemistry 20
   c. Biology 20
   d. Math 10C or Math 20-2
2. **Keyboarding skills (minimum 30 words per minute with 90% accuracy)**
3. **Basic computer literacy exam**

AND

Additional Requirements

A completed Career Investigation report that documents a visit or job shadow in a clinical laboratory or blood collection site.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

International Applicants

Please refer to Page 9 for information.

Career Investigation

Applicants are required to complete a Medical Laboratory Assistant Program Specific Career Investigation Report Form. A visit to a clinical laboratory or collection site and completion of a Career Investigation form specific to the Medical Laboratory Assisting program are required.

B) Non-academic Requirements

Immunization Requirements

Once accepted into the Medical Laboratory Assistant program, students will be given an immunization requirement form to be completed by their physician, public health nurse or health professional. Your immunization must be up-to-date prior to orientation. Your completed immunization requirement form must be submitted at your program's orientation in September.
Don't wait - start updating your immunization today. You will need immunization against tetanus and diptheria, polio, measles, mumps, rubella, varicella (chicken pox) and hepatitus B (including Hepatitis B titre). You will also be required to undergo tuberculosis screening within a specified time prior to practicum placement. Failure to do so will prevent you from participating in program activities and clinical placement. A copy of your records may be obtained from your public health clinic or physician's office.

Note: While not an admission requirement for the program, applicants are advised that they will be required to provide a Police Information Check (also known as a Criminal Record Check) and Vulnerable Sector Check to most agencies where they will be placed for practicum experiences. The existence of police information or a criminal record may prevent practicum placement, program completion, professional licensure and therefore affect future employment prospects. It is the decision of each agency or institution to accept or reject a student for placement or observation experience based on the results of the police information check. The current police information check process used by Alberta Health Services can change during the academic year.

Program Content

Year 1 Oct-April (irregular term)

MLA 100	Professional Relations
MLA 101	Basic Electrocardiography
MLA 102	Quality Management
MLA 103	Basic Anatomy and Physiology
MLA 104	Medical Terminology
MLA 105	Infection Control and Safety
MLA 106	Blood Collection & Handling
MLA 107	Introduction to General Laboratory Procedures
MLA 108	Introduction to Medical Laboratory Testing
MLA 109	Miscellaneous Speciman Processing
MLA 110	Urinalysis
MLA 115	Clinical Practicum

Graduation Requirement

You must pass all required courses including clinical practicum and achieve a minimum cumulative GPA of 2.0.

Program Cost Estimates - 2014/2015

Tuition (Domestic Students Only)	$ 3,094.00
Student Association Fees	$ 140.00
Fees	$ 800.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 280.00
Books/Materials	$ 1,090.00
Total	$ 5,448.00

Motion Picture Arts

Contact Persons
Dr. Dale Wheeler
Larry Reese
Don Armstrong
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

The Program

The Applied Degree in Motion Picture Arts enables students who have completed two years of post-secondary theatre sttudies (or equivalent) to expand and apply their primary theatre training to the rapidly growing motion picture, television and multimedia industries. The two years of completed theatre studies is followed by a program year (3rd year) of intensive theory and hands-on instruction culminating in an advanced certificate in Performance or Production. Students may then choose to go on to the final (4th year) which is a credited mentored work experience the equivalent of two four-month terms or the opportunity to complete a substantial motion picture project. The program has two streams: the Production Stream and the Acting Stream.

Related Careers

The motion picture industry is a major contributor to the North American economy and is at the forefront of the digital revolution. The producers of feature films, television series and commercials seek gifted storytellers, actors, artists and technicians with strong backgrounds in the dramatic arts. Existing theatre programs provide a solid foundation for advanced study in narrative motion picture acting and production. The MPA program provides students with the specific skills and experience they need to gain an advantage in this highly competitive industry.

Graduates of the Production Stream will apply their broad-based understanding of the nature of production to pursue multiple job tracks as their careers progress. Typically, graduates will begin employment at entry levels in various areas of the industry, including cinematography, camera operation, digital editing, production design, sound recording, production management, and special effects. Some graduates may choose to act as self-employed contractors in their own creative business ventures.

Acting Stream graduates will be prepared to audition for performance roles in feature films, movies of the week, series television, commercials, and voice-overs.

With experience and proven ability, graduates from both streams may also advance into entrepreneurial roles as directors, writers, and producers, supervising content creation in a wide variety of current and emerging media.

Admission Requirements

1. You must have successfully completed 2 years of a post-secondary Theatre Studies Diploma Program (or equivalent) with a minimum 2.00 GPA. Other related post-secondary credits and/or equivalent experience will be considered.

AND

2. You must complete a successful audition and/or interview/ portfolio. Further guidelines regarding audition/ interview expectations are available at www.rdc.ab.ca/performing_arts.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Production Stream

Year 3

MPA 301	Motion Picture Fundamentals I
MPA 302	Motion Picture Fundamentals II
MPA 303	Motion Picture Business/Career Path
MPA 304	Screenwriting Techniques
MPA 305	Motion Picture Directing
MPA 311	Motion Picture Technology
MPA 315	Motion Picture Production I
MPA 316	Motion Picture Production II
MPA 320	Motion Picture Projects I
MPA 321	Motion Picture Projects II

Program Cost Estimates - 2014/2015

Tuition	$ 3,757.00
Student Association Fees	$ 187.00
Fees	$ 960.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 340.00
Books/Materials	$ 350.00
Total	$ 5,638.00

Acting Stream

Year 3

MPA 301	Motion Picture Fundamentals I
MPA 302	Motion Picture Fundamentals II
MPA 303	Motion Picture Business/ Career Path
MPA 304	Screenwriting Techniques
MPA 305	Motion Picture Directing
MPA 312	Audition Techniques
MPA 317	Motion Picture Acting I
MPA 318	Motion Picture Acting II
MPA 320	Motion Picture Projects I
MPA 321	Motion Picture Projects II

Program Cost Estimates - 2014/2015

Tuition	$ 3,757.00
Student Association Fees	$ 187.00
Fees	$ 960.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 340.00
Books/Materials	$ 350.00
Total	$ 5,638.00

Graduation Requirements

You must pass all of the required Year 3 courses in the Production or Performance Stream with a GPA of 2.00 to receive the Advanced Certificate in Motion Picture Arts.

Music

Chairperson
Dr. Dale Wheeler
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Related Careers

Music is one of the largest and fastest-growing industries in North America. The following is a short list of opportunities in this field:

Performance: Solo, small and large ensembles (eg. bands, orchestras) music theatre accompanying, recording artist, studio musician, conductor.

Composition: Song writing, arranging, transcription, film scoring, computer- generated music.

Music Business: Promotion/publicity, management, music sales, budgeting/ accounting, copyright.

Technology: Recording engineer, sound technician, equipment maintenance and set up, concert hall technical director.

Teaching: Private and group instruction in a home studio, private and group instruction in music academies, colleges, and universities.

One-Year Music Preparatory Program

The one-year Music Preparatory Program is designed to:

1. provide an opportunity for students who have a general interest in music to broaden their knowledge and skills;
2. provide an entry-level opportunity for students with limited formal musical training who are considering a career in music and intend on pursuing the Music Diploma program.

In this program you will learn the fundamentals of reading, writing, hearing, and performing music. Through classroom instruction and private lessons you will gain valuable knowledge and will sharpen your playing skills. Optional participation by audition in small and/or large ensembles will allow you to further develop your performance abilities.

The program has three main components:

1. **Core Classes**
   All students are required to take classes in music rudiments and aural skills, introductory music history, basic piano, and communications (or English). These courses will provide fundamental training in the basics of music.

2. **Primary Instrument Study**
   Each semester of the program you will take private lessons on the instrument on which you had a successful entrance audition. Lessons are available on most standard instruments (subject to instructor availability). Current options include: Voice Classical Piano Woodwinds Jazz Piano Brass Classical Guitar Percussion Elecrical Guitar Strings Bass Guitar Organ

3. **Optional Classes**
   Depending on your interests, course load and performance abilities, a variety of music ensembles are open to all students on the basis of audition.

Note: Completion of the Preparatory Program does not guarantee admission into the Music Diploma Program.

Students who wish to pursue the two-year Music Diploma program at Red Deer College after completing the Music Preparatory program will be required to re-audition on their primary instrument. Since there is some overlap in course requirements between the two programs, students who complete the Music Preparatory program will have already fulfilled some of the requirements for the Music Diploma.

Admission Requirements

A) Academic Requirements

1. **High School Diploma** with a minimum mark of 50% in ELA 30-1 or ELA 30-2

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school at least one full year before the program starts, and have a minimum mark of 50% in ELA 30-1 or ELA 30-2, or a minimum score at the 50th percentile on the English component of the College Board Placement Test (written on campus) or the Test of Adult Basic Education (written off campus) and a score of 2.3 on a writing sample.

AND

B) Other Requirements

1. **Audition:** College music study assumes that an acceptable standard of proficiency in an instrumental or vocal area has already been acquired. You must declare a principal instrument (eg. guitar, voice, piano, etc.) when you apply and then present a performance audition on this instrument. You will continue to pursue lessons on this instrument during your time in the program.
   The audition consists of the following elements:
   a. A polished performance of two contrasting pieces of your choice that demonstrate your performance abilities.
   b. A demonstration of technical skills appropriate to your instrument (eg. scales, chords, arpeggios, long tones, tonguing, rudiments etc. as appropriate to your instrument).
   c. Aural tests (eg. recognition of chord qualities and melodic intervals, clapback of rhythmic patterns).
   d. Playing or singing a short unfamiliar excerpt at sight.
   e. A brief interview to discuss your musical background, interests and goals.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

2. **Theory placement test:** This written test covers key signatures, major and minor scales, triads, intervals, meter and rhythm, clefs, cadences and common musical terms. A score of 75% or greater is required. Students with Royal Conservatory Advanced Rudiments (or equivalent) are exempt. Requests for exemption should be directed to the Assessment & Test Centre.

Note: The audition requirements and the theory placement test are the same for both the Music Preparatory program and the Music Diploma program. The results of these evaluation tools will determine the appropriate program placement.

Further guidelines regarding audition expectations and the theory placement test, consult the Auditions page on our Music Department website.

Communications Course Placement Testing

Students will be required to take a College placement test before registering in a written communications course. (Students with 60% or greater in English 30 will be exempted from this test.) Students who do not achieve a satisfactory mark in this test will be required to complete COMM 150 before they can register in the required course, COMM 250. Students should take the placement test early in the event preparatory work (COMM 150) is required.

Program Content

MUSI 194	Introductory Music Theory I
MUSI 195	Introductory Aural Skills I
MUSI 196	Introductory Music Theory II
MUSI 197	Introductory Autal Skills II
MUSS 145/ MUSS 145	Private Lessons (repeated for credit)
MUSI 233	Introduction to Music History
MUSI 241/ MUSI 242	Basic Piano I & II*
COMM 250	Business & Workplace Writing (ENGL 219, ENGL 210 or ENGL 200 (may be substituted if you have English 30-1)
Open Options	(may include Music) (3 credits)

*(Students with Gr. 4 Piano from the Royal Conservatory or equivalent are exempt from Basic Piano. Requests for exemption should be directed to the Assessment & Test Centre).

* See "Communications Course Placement Testing" above.
Other approved music options may be selected providing you have the necessary prerequisites and the courses fit your timetable.

Program Cost Estimates - 2014/2015

Tuition	$	2,983.50
Student Association Fees	$	148.50
Fees	$	400.00
Activity & Wellness Fee	$	44.00
Facility, Service & Tech Fee	$	270.00
Books/Materials	$	1,350.00
Total	$	5,196.00

Note: For each semester add $440 if taking MUSS private lessons. In addition to tuition and course fees, you should budget for the following: music scores (approximately $150), instrument purchase (if necessary), instrument maintenance (strings, reeds, drum heads, etc.; approximately $200.00), plus textbooks and materials (approximately $1000).

Two-Year Music Diploma Program

The two-year Music Diploma may be taken for general interest or to help prepare you for a professional career in music. In today's world, musicians are required to be highly-trained, well-rounded, and versatile. The Music Diploma program provides you with a solid core of essential courses while allowing you to focus on particular areas of interest. Our unique blend of traditional and contemporary courses provides you with the utmost flexibility in pursuing career choices.

The Music Diploma program is designed to:

1. provide a solid foundation of transferable courses for those students who wish to use the Diploma as a stepping stone towards a 4-year university degree;
2. provide valuable skills and hands-on experience for those students who may choose to pursue more immediate interests in the music industry, in the pop/rock field, or in private teaching.

The program has four main components:

1. **Core Classes**
   All students are required to take classes in music theory, aural skills, music history, music business, basic piano, and english.

2. **Primary Instrument Study**
   Each semester of the program you will take private lessons (MUSP) on the instrument on which you had successfully auditioned. Lessons are available on most standard instruments subject to instructor availability.
   Current options include:

Voice	Classical Piano
Woodwinds	Jazz Piano
Brass	Classical Guitar
Percussion	Electric Guitar
Strings	Bass Guitar
Organ	

   Private instruction in areas such as Conducting or Composition may be available to qualified students.

3. **Ensembles**
   It is expected that you will participate in at least one MUSE performance ensemble each semester and that you remain in the same ensemble for an entire year.

4. **Specialized Options**
   You will choose an additional 9 credit hours of course options in consultation with your music faculty advisor that allow you to pursue individual areas of interest. Some examples of possible options include:

MUSI 401	Graduation Recital
MUSI 361/MUSI 362	Composition I & II
MUSI 321	Music Business: Career & Products
MUSI 322	Music Business: Performance
MUSI 280/	Recording Studio
MUSI 282	Technology I & II

   Additional music ensembles or private lessons
   Courses outside the music area (ex. Psychology, Science, etc.)

Transfer Features

Graduates of the Music Diploma may be able to pursue university degree studies in a variety of areas. These include baccalaureate degrees in Music, Arts, and Education as well as a number of more specialized areas such as Music Business and Music Therapy. Individual courses in the Music Diploma program can be transferred to many North American universities on a course-by-course basis.

Transfer arrangements are different at each university and you are advised to consult the Alberta Transfer Guide, your Chairperson, academic advisors and the university to which you will transfer for more information.

The following transfer arrangements are currently in place:

The University of Alberta - Augustana Faculty

Music Diploma graduates who have a GPA of 2.30 and have majored in classical piano, organ, classical voice, classical guitar or an orchestral instrument may be accepted into the B.Mus. program at the University of Alberta-Autustana Faculty.

The University of Lethbridge

Music Diploma graduates who have a GPA of 2.50 and have majored in classical piano, classical voice, classical guitar or an orchestral instrument may be accepted into the Post-Diploma B.Mus./B.Ed program at the University of Lethbridge. Students who wish to pursue a more general music and education combination may also choose the B.A. (Music)/B.Ed. route.

Canadian University College

Music Diploma graduates who have a GPA of 2.50 and have majored in classical piano, organ, classical voice, classical guitar or an orchestral instrument may be accepted into the B.Mus or B.A. (Music) program at Canadian University College.

Admission Requirements

A) Academic Requirements

1. **High School Diploma** with a minimum mark of 50% in ELA 30-1 or ELA 30-2

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school at least one full year before the program starts, and have a minimum mark of 50% in ELA 30-1 or ELA 30-2, or a minimum score at the 50th percentile on the English component of the College Board Placement Test (written on campus) or the Test of Adult Basic Education (written off campus) and a score of 2-3 on a writing sample.

AND

B) Other Requirements

1. **Audition:** College music study assumes that an acceptable standard of proficiency in an instrumental or vocal area has already been acquired. You must declare a principal instrument (eg. guitar, voice, piano, etc.) when you apply and then present a performance audition on this instrument. You will continue to pursue lessons on this instrument during your time in the program. The audition consists of the following elements:
   a. A polished performance of two contrasting pieces of your choice that demonstrate your playing or singing abilities
   b. A demonstration of technical skills appropriate to your instrument (eg. scales, chords, arpeggios, long tones, tonguing, rudiments, etc. as appropriate to your instrument).
   c. Aural tests (eg. recognition of chord qualities and melodic intervals, clapback of rhythmic patterns).
   d. Playing or singing a short unfamiliar excerpt at sight.
   e. A brief interview to discuss your musical background, interests and goals.

2. **Theory placement test:** This written test covers key signatures, major and minor scales, triads, intervals, meter and rhythm, clefs, cademces and common musical terms. A score of 75% or greater is required. Students with Royal Conservatory Advanced Rudiments (or equivalent) are exempt. Requests for exemption should be directed to the Test & Assessment Centre.

Note: The audition requirements and the theory placement test are the same for both the Music Preparatory program and the Music Diploma program. The results of these will determine the appropriate program placement.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

For further guidelines regarding audition expectations and the theory placement test consult the Auditions page on our Music Department website.

Program Content

Year 1

MUSI 257/ MUSI 258	Comprehensive Music Theory I & II
MUSI 259/ MUSI 260	Comprehensive Aural and Keyboard Skills I & II
MUSE 201/202	Symphonic Winds I & II
or	
MUSE 205/206	Jazz Ensemble I & II
or	
MUSE 217/218	Chamber Choir I & II
MUSP 145/ MUSP 245	Private Lessons
MUSI 233	Introduction to Music History
MUSI 241/ MUSI 242	Basic Piano I & II*
ENGL 219	Language & Literature
or	
COMM 250 may be substitued if you have English 30-1	

*Students with Gr. 4 Piano from the Royal Conservatory or equivalent are exempt. Requests for exemption should be directed to the Test & Assessment Centre.

Year 2

MUSI 346/ MUSI 347	Comprehensive Music Theory III & IV
MUSI 348/ MUSI 349	Comprehensive Aural and Keyboard Skills III & IV
MUSE xxx	Performance Ensemble (4 credits)
MUSP 360/ MUSP 460	Private Lessons
MUSI 321	Music Business: Career and Products
or	
MUSI 322	Music Business: Performance

Note: Students who wish to attend the NAMM Winter Show in Los Angeles are required to enroll in MUSI 321.

Year 1 or 2

Choose one of the following music history classes:

MUSI 304	History of Medieval, Renaissance & Baroque Music
MUSI 301	History of Classical and Romantic Music
MUSI 302	History of Post-Romantic & 20th Century Music
AND	
Music Options	(3 credits)
Open Options	(may include Music) (6 credits)

Note: Options should be selected after consultation with your music faculty advisor.

Program Cost Estimates - 2014/2015

Year 1

Tuition	$ 4,199.00
Student Association Fees	$ 209.00
Fees	$ 400.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 380.00
Books/Materials	$ 1,350.00
Total	$ 6,582.00

Year 2

Tuition	$	3,867.50
Student Association Fees	$	192.50
Fees	$	950.00
Activity & Wellness Fee	$	44.00
Facility, Service & Tech Fee	$	350.00
Books/Materials	$	1,350.00
Total	$	7,010.00

Note: For each semester add $200 if taking MUSP private lessons and $440 if taking MUSS private lessons. In addition to tuition and course fees, you should budget each year for the following: music scores (approximately $150.00), instrument purchase (if necessary), instrument maintenance (strings, reeds, drum heads, etc.; approximately $200.00), plus textbooks and materials (approximately $1000.00).

Note: MUSI 321 - special materials fee of $550. for the NAMM field trip.

Graduation Requirements

You must pass all courses for Year 1 and 2 and achieve a minimum cumulative GPA of 2.0.

Note: Those students considering a transfer to the Post-Diploma B. Mus./B.Ed. at the University of Lethbridge or the B.Mus. at Canadian University should be aware that a minimum GPA of 2.50 is required for admission. Those students considering a transfer to the B.Mus at the University of Alberta - Augustana Faculty should be aware that a minimum GPA of 2.30 is required for admission.

Networking

E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Note: This program is suspended for the current academic year.

One Year Certificate

People are enabled by computer technology - from cellular phones to MP3 players to gaming systems and business applications. Technology is embedded in all aspects of our daily lives. Networking Certificate graduates support many of today's new technologies.

Related Careers

Career opportunities in the Information Technology (IT) field continue to grow and expand, both nationally and internationally. Networking Certificate graduates will be positioned to take advantage of this increased market demand for IT skills because they are well prepared with the knowledge-base and skill-sets necessary to successfully engage in an exciting IT career in either business or industrial environments. A career in IT will appeal to applicants who are looking for exciting, challenging, and well-compensated futures.

Types of positions: entry-level positions in:

- Desktop support - configuration, setup, maintenance, trouble shooting and updates (hardware).
- Network support - servers, Local Area Network maintenance.
- IT service desk - providing support for hardware and software.

With experience and proven ability, students may advance into specialized areas of technology. Many courses in the Networking Certificate program help to prepare students to write certification exams from the Microsoft Certified System Administrator credential, the Disco Certified Network Administrator credential, and the following CompTIA exams: A+, Network+, Server+, and Wireless+.

Learning Outcomes

Graduates of the Networking Certificate will possess the following skills and knowledge:

1. Troubleshoot common software and hardware problems in a network environment.
2. Use online resources to identify solutions.
3. Participate in the implementation of projects individually and/or within a team environment.
4. Install, configure, and troubleshoot devices in a network.
5. Configure, maintain and troubleshoot routing protocols between routers.
6. Control network access firewalls and ACLs.
7. Provide common network Help Desk support.
8. Configure,maintain and repair desktop systems.
9. Manage a network environment using debugging tools and scripting.
10. Write structured software programs.
11. Practice industry standard codes of conduct.
12. Complete relevant documentation and activity reports.
13. Practice effective communication with clients including cultural sensitivity.
14. identify and engage in learning activities that are responsive to the workplace.

Admission Requirements

A) Academic Requirements

1. High School Diploma with no mark below 50% in:

a. ELA 30-1
b. Mathematics 30-1 OR
50% in ELA 30-1 & 65% in Mathematics 30-2 with either Physics 30 or Chemistry 30 or Science 30 with a minimum mark of 50%

OR

2. Mature Student

You must be 19 years of age or older, out of high school at least one full year before the program starts, and have a minimum mark of 50% in Mathematics 30-1 OR a minimum mark of 65% in Mathematics 30-2 and either Chemistry 30 or Physics 30 or Science 30 with a minimum mark of 50%.

AND

B) Other Requirements

All Networking Certificate students must have a laptop computer that is using Microsoft Windows as the operating system. Please contact department Chair for minimum specifications.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Recommendations

Applicants are also expected to have working skill sets in at least the following areas of workstation management and operations through course work and/or industry experience:

- word processing
- e-mail communications
- internet research and download
- file and print management
- basic operating systems literacy

Applicants requesting further information, skill assessment, and/or learning support courses (CMPT 083, 086, 087 or 089) should contact an academic advisor and/or the Information Technology Department Chairperson for assistance.

Communications Course Placement Testing

Students will be required to take a College placement test before registering in a written communications course. (Students with 60% or greater in English 30 will be exempted from this test.) Students who do not achieve a satisfactory mark in this test will be required to complete COMM 150 before they can register in the required course, COMM 250. Students should take the placement test early in the event preparatory work (COMM 150) is required. Students needing to do COMM 150 will have the opportunity to complete all the Communications requirements with the two year time frame.

Program Content

COMM 250	Business and Workplace Writing
ITEC 100	IT Service Desk
ITEC 105	Discrete Mathematics
ITEC 110	Computer Hardware
ITEC 115	Operating Systems
ITEC 120	Computer Networking
ITEC 122	Wireless Technology
ITEC 124	TCP/IP
ITEC 126	VOIP
ITEC 128	WAN
ITEC 130	Security I
ITEC 140	Desktop Operating Systems
ITEC 145	Server Configuration
ITEC 150	Structured Programming
ITEC 153	Visual Programming
ITEC 180	Career Skills
ITEC 190	Project I
ITEC 193	Practicum OR
ITEC 196	Work Experience

Should a student posess any other course(s) and/or credentials not listed above for which they wish to have considered for advanced credit, please contact the Information Technology Department Chairperson.

Graduation Requirements

You must pass all courses and achieve a minimum cumulative GPA of 2.00.

Network Systems Technology

E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Note: This program is suspended for the current academic year

Two Year Diploma

People are enabled by computer technology - from cellular phones to MP3 players to gaming systems and business applications. Technology is embedded in all aspects of our daily lives. Information Technology (IT) professionals create these technologies. Network Systems Technology (NST) graduates manage and support today's new technologies including wireless and mobile devices.

Related Careers

Career opportunities in the Information Technology (IT) field continue to grow and expand, both nationally and internationally. NST graduates will be well positioned to take advantage of this increased market demand for IT skills because they are well prepared with the knowledge-base and skill-sets necessary to successfully engage in an exciting, long-term, professional IT career in either business or industrial environments. A career in IT will appeal to applicants who are looking for exciting, challenging, and well-compensated futures.

In addition to desktop support, help desk, and network support the program prepares students to be Network or Systems Administrators with skills in:

- wireless networks
- heterogeneous networks including VOIP
- web servers
- security systems
- database administration

The NST program will be applying for accreditation by the Canadian Technology Accreditation Board, and the Association of Science and Engineering Technology Professionals (ASET), an organization representing technology professionals in Alberta.

Many courses in the Network Systems Technology program help to prepare students to write certification exams from the Microsoft Certified System Administrator credential, the Cisco Certified Network Administrator credential, some of the exams in the Cisco Certified Network Professional credential and the following CompTIA exams: A+, Network+, Server+, Linus+, Wireless+, and Security+.

Learning Outcomes

Graduates of the NST will possess the following skills and knowledge:

1. Troubleshoot common software and hardware problems in a network environment.
2. Use online resources to investigate and analyse potential solutions.
3. Participate in the implementation of projects individually and/or within a team environment.
4. Anticipate, analyse and develop solutions to increase network efficiency.
5. Plan and implement security protocols.
6. Design, implement and manage a network.
7. Integrate heterogeneous systems.
8. Configure,maintain and repair desktop systems.
9. Consider the international context within the work environment.
10. Write structured software programs.
11. Practice industry standard codes of conduct.
12. Complete relevant documentation, activity reports, project plans, and proposals.
13. Identify and engage in learning activities that are responsive to the workplace and that advances career path.
14. Practice effective interpersonal communication skills in the following situations:
    - presentation skills
    - client interaction
    - conflice resolution
    - teaching (clients and co-workers)
    - leading small teams
    - cultural sensitivity

Transfer Features

Red Deer College

Depending on electives chosen, graduates of the NST program may posess up to 5 of 8 required courses towards a Management Certificate from Red Deer College. Required courses for the NST program that also meet requirements for the Management Certificate program include COMM 250, ITEC 170, BADM 204, BADM 253 and a Business Option.

This Certificate is offered by the Business Administration Department at Red Deer College. Students must complete eight business courses approved by the Business Administration program Chairperson to be awarded a Management Certificate.
Please contact an academic advisor for details regarding this program and/or the Chairperson of the Business Administration Department.

NAIT/SAIT

Graduates of the NST diploma may apply to complete the 2 year Post-Diploma Bachelor of Applied Information Systems Technology at NAIT or the Bachelor of Applied Technology Information Systems at SAIT.

University of Lethbridge

Students are eligible to the Bachelor of Management Degree (25-course Post-Diploma program) with a diploma GPA of 3.0 or higher. Students with a diploma GPA of below 3.0 may be admissible, depending on individual circumstances.

Admission Requirements

A) Academic Requirements

1. High School Diploma with no mark below 50% in:

a. ELA 30-1

b. Mathematics 30-1
OR 50% in ELA 30-1 & 65% in Mathematics 30-2 with either Physics 30 or Chemistry 30 or Science 30 with a minimum mark of 50%

OR

2. Mature Student

You must be 19 years of age or older, out of high school at least one full year before the program starts, and have a minimum mark of 50% in Mathematics 30-1

OR

a minimum mark of 65% in Mathematics 30-2 and either Chemistry 30 or Physics 30 or Science 30 with a minimum mark of 50%.

AND

B) Other Requirements

All Networking Certificate students must have a laptop computer that is using Microsoft Windows as the operating system. Please contact department Chair for minimum specifications.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Recommendations

Applicants are also expected to have working skill sets in at least the following areas of workstation management and operations through course work and/or industry experience:

- word processing
- e-mail communications
- internet research and download
- file and print management
- basic operating systems literacy

Applicants requesting further information, skill assessment, and/or learning support courses (CMPT 083, 086, 087 or 089) should contact an academic advisor and/or the Information Technology Department Chairperson for assistance.

Communications Course Placement Testing

Students will be required to take a College placement test before registering in a written communications course. (Students with 60% or greater in English 30 will be exempted from this test.) Students who do not achieve a satisfactory mark in this test will be required to complete COMM 150 before they can register in the required course, COMM 250. Students should take the placement test early in the event preparatory work (COMM 150) is required. Students needing to do COMM 150 will have the opportunity to complete all the Communications requirements with the two year time frame.

Program Content

Year 1

COMM 250	Business and Workplace Writing ITEC
100	IT Service Desk
ITEC 105	Discrete Mathematics
ITEC 110	Computer Hardware
ITEC 115	Operating Systems
ITEC 120	Computer Networking
ITEC 122	Wireless Technology
ITEC 124	TCP/IP
ITEC 126	VOIP
ITEC 128	WAN
ITEC 130	Security I
ITEC 140	Desktop Operating Systems
ITEC 145	Server Configuration
ITEC 150	Structured Programming
ITEC 153	Visual Programming
ITEC 180	Career Skills
ITEC 190	Project I

Year 2

BADM 204	Interpersonal Skills
ITEC 220	Network Design and Architecture ITEC
230	Security II
ITEC 241	Unix Administration
BADM 253	Project Management
ITEC 170	Systems Analysis and Design
ITEC 264	Mobile Applications I
TEC 271	Database Server Configuration
ITEC 280	IT Profession
ITEC 290	Project II
Business Option	
IT Option	
IT Option	
ITEC 193	Practicum OR
ITEC 196	Work Experience OR
ITEC 293	Practicum OR
ITEC 296	Work Experience

Note: One of ITEC 193, 196, 293 or 296 is required for graduation. This course can be taken at the end of the student's first or second year.

Program Electives

As part of the graduation requirements for a Diploma in Network Systems Technology, students are required to pass a minimum of three different elective courses. Two courses must be from the Information Technology department. One course must be from the Business department.

With prior written approval from the department chair, a Science course may be substituted for a Business elective course.
Should a student possess any other course(s) and/or credentials not listed above for which they with to have considered for advanced credit, please contact the Information Technology Department Chairperson.

Graduation Requirements

You must pass all courses and achieve a minimum cumulative GPA of 2.00.

Occupational Therapist & Physiotherapist Assistant

Chairperson
Sharon Hamilton
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Two Year Diploma

Related Careers

As an occupational therapist/ physiotherapist assistant, the graduate will provide assistance to occupational therapists, physiotherapists and clients in a variety of health care settings, such as hospitals, long-term care facilities, schools, public and private clinics, mental health facilities, and home care programs.

The Program

This program is delivered over five academic terms and prepares the graduate to become an occupational therapist/ physiotherapist assistant following graduation. Upon successful completion of this diploma through the following program outcomes, the students will be able to:

- Apply a variety of communication strategies to effectively and respectfully build positive relationships through verbal, nonverbal, written and technological means with clients, their families; occupational therapists; physiotherapists; other health care providers and team members.

- Establish, develop, foster, maintain and bring closure to client-centered, positive therapeutic relationships while demonstrating sensitivity to the individual and his/her culture.
- Perform responsively and effectively through application of disciplinary knowledge that contributes to the development, implementation and modification of intervention and/or treatment plans while under the supervision and in collaboration with the occupational therapist and/or physiotherapist.
- Practice in a legal, ethical and professional manner demonstrating conduct that meets expectations of members of society and the profession.
- Collect, document and complete client records in a thorough, objective, accurate and non-judgemental manner. Through effective interpretation and communication of this data, students will participate in determining client progress toward specific outcomes as established in the plan of care by the occupational therapist and/or physiotherapist.
- Recognize and apply principles that support safety in the workplace and will adhere to all guidelines, procedures, protocols and standards to ensure personal safety and contribute to the safety of others.
- Maintain, enhance and share their knowledge, skills and attitude through self reflective practice, use of available learning resources, networking and self directed learning to continue to be lifelong learners.

Admission Requirements

A. Academic requirements

A minimum of:

- 60% in ELA 30-1 or 75% in ELA 30-2 or equivalent
- 60% in Biology 30 or equivalent; and
- 50% in another 30 level math or science course

B. Non-academic requirement

- Immunization to be completed prior to program start date

C. Additional requirements

In addition to the above requirements the applicant must provide evidence of current CPR certification at the Health Care Provider level and Standard First Aid. You must re-certify CPR each year.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Note: While not an admission requirement for the program, applicants are advised that they will be required to provide a Police Information Check and Vulnerable Sector Check to most agencies where they will be placed for practicum experiences. The existence of a criminal record may prevent practicum placement, program completion, professional licensure and therefore affect future employment prospects. It is the decision of each agency or institution to accept or reject a student for placement or observation experience based on the results of the Police Information Check.

Program Content

Year 1

OPTA 102	Presenting Conditions I
OPTA 105	Professional Communications I
OPTA 106	Professional Communications II
OPTA 110	Professional Practice I
OPTA 114	Concepts in Mental Health
OPTA 116	Anatomy & Physiology
OPTA 120	Therapeutic Skills I
OPTA 125	Rehabilitation Concepts
OPTA 130	Practicum I
PYSC 205	Lifespan Development

Year 2

OPTA 202	Presenting Conditions II
OPTA 210	Professional Practice II
OPTA 215	Communication Impairment
OPTA 220	Therapeutic Skills II
OPTA 230	Practicum II
OPTA 302	Presenting Conditions III
OPTA 320	Therapeutic Skills III
OPTA 330	Practicum III

Program Cost Estimates - 2014/2015

Year 1

Tuition	$ 4,199.00
Student Association Fees	$ 209.00
Lab Consumable Fee	$ 200.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 380.00
Books/Materials	$ 1,000.00
Total	$ 6,032.00

Year 2

Tuition	$ 4,088.50
Student Association Fees	$ 203.50
Lab Consumable Fee	$ 200.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 370.00
Books/Materials	$ 1,000.00
Total	$ 5,906.00

Graduation Requirements

You must pass all courses and achieve a minimum cumulative GPA of 2.00.

Open Studies

Chairperson
Gail Brunner
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Open Studies is a program that allows you to begin your studies on a full- or part-time basis. The Open Studies program lets you take courses and explore different options in order to help you make educational and career decisions. If you need more than two academic areas of high school-level courses, you must apply to the Career and Academic Preparation Program.

Purposes of Open Studies

1. You may design a program of studies to suit your interests and needs. Open Studies is not tied to any one career, so you can take courses which appeal to you if you have the proper prerequisites. Please note that some courses are program specific and may not be available to Open Studies students.

2. If you do not meet admission requirements to certificate, diploma or university programs, you may complete those requirements and then apply to these programs.
3. If you require a high school equivalency math course from the CAP program as part of your Open Studies program and have been out of high school math for more than one year, you will be required to take a math placement test prior to registering for the CAP math course.

Admission Requirements

1. No mark below 50% in:
   a. ELA 30-1 or ELA 30-2
   b. Three subjects from Group A, B or C
   c. One subject from Group A, B, C or D

OR

2. High School Diploma

OR

3. Mature Student

You must be 19 years of age or older, out of high school at least one full year before the program starts, and have no mark below 50% in:
   a. ELA 30-1 or ELA 30-2
   b. Subject from Group A or C (See "Alberta Grade 12 Course Groups," page 8 of calendar)

Note: If you need three or more high school level subjects, you must apply to the Career and Academic Preparation Program.

OR

4. A recommendation from an Academic Advisor

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Cost Estimates - 2014/2015

Tuition	$ 3,315.00
Student Association Fees	$ 165.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 300.00
Books/Materials	$ 1,200.00
Total	$ 5,024.00

Program Readmission

See page 10.

Pharmacy Technician

Chairperson
Terri Granigan
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

One-Year Certificate

This program is accredited by the Canadian Council for Accreditation of Pharmacy Programs (CCAPP) and prepares the graduate to become a Registered Pharmacy Technician (RPhT) following graduation and successful completion of the Pharmacy Examining Board of Canada (PEBC) certification process and the Alberta College of Pharmacists (ACP) registration process. Details regarding registering as a Pharmacy Technician can be found by accessing the Alberta College of Pharmicists website (www.pharmacists.ab.ca).

Technicians have worked in the pharmacy field for many years, but only on-the-job training was available. In 1976, Red Deer College began a training program to more fully prepare technicians for their tasks.

Our graduates have been very well received by pharmacists and employers, and the responsibilities given to them have greatly expanded. This program should be of interest if you would like an officially recognized training period, followed by interesting and varied job opportunities in the pharmacy field.

Related Careers

Graduates work in hospitals, community pharmacies and related pharmaceutical fields, under a Pharmacist's supervision. Duties include:

- preparing medication for dispensing
- compounding pharmaceuticals
- preparing aseptic products
- inventory control
- purchasing
- merchandising
- record keeping as required under such acts as the Food and Drug Act
- narcotics control
- third party billing
- drug distribution
- prepacking pharmaceuticals
- computer processing
- clerical and other duties as necessary

The On-Campus Program

15 courses 3 terms 10 months (September to June):

- 8 months at Red Deer College
- 2 months of practicum
- Community Pharmacy (160 hrs, 4 week block)
- Hospital Pharmacy (160 hrs, 4 week block)

The Distance Program

Note: This is a part-time program.

The distance delivery of this program is suspended for the current academic year.

15 courses

2 1/3 years

7 terms

- 2 months of practicum
  - Community Pharmacy (160 hrs, 4 week block)
  - Hospital Pharmacy (160 hrs, 4 week block)

To participate in the distance program, students must have access to a computer with Internet and e-mail capabilities. Distance students must also arrange for an approved examination proctor. Lab courses are at the RDC campus.

Transfer Features

Pharmacy Technician courses taken at Red Deer College are not transferable for credit toward a Bachelor of Science Degree in Pharmacy at the University of Alberta.

Fast-Track Option

A fast-track option may be available to students interested in taking an accelerated distance program. This program allows students to take 2 first year courses and 2 second year courses each term. Therefore 4 courses per term in fall, winter and spring terms. Lab courses are taken here at RDC in spring term (May & June). This requires a commitment for 2 weeks in May and 2 weeks in June. Students then complete their hospital and community pharmacy practicums and the communications course in fall term of the second year. Therefore the "fast track" program is usually completed in 1 year plus 1 term.

We advise prospective students to apply to the program and once accepted let the Pharmacy Technician Program Assistant know via email if they would like their name added to our list of students interested in fast tracking. "Fast tracking", if available, will be accommodated on a first come-first served basis following an applicant's acceptance into the pharmacy technician program.

Admission Requirements

A) Academic Requirements

1. High School Diploma with no mark below 60% in:

a. Biology 30
b. Chemistry 30 or Science 30
c. ELA 30-1 or ELA 30-2
d. Mathematics 30-1 or Mathematics 30-2
e. Computer literacy (including intro word processing, spreadsheet Testing available at Red Deer College.
f. Keyboarding 30 nwpm. Testing available at Red Deer College.

OR

2. Mature Student

You must be 19 years of age or older, out of high school at least one full year before the program starts with no mark below 60% in:

a. Biology 30
b. Chemistry 30 or Science 30
c. ELA 30-1 or ELA 30-2 or a minimum score at the 50th percentile on the English component of the College Board Placement Test (written on campus) or the Test of Adult Basic Education (written off campus) and a score of 2-3 on a writing sample.
d. Mathematics 30-1 or Mathematics 30-2 or a minimum score at the 60th percentile for the Math component of the College Board Placement Test (written on campus) or the Test of Adult Basic Education (written off campus).
e. Computer literacy (including intro word processing, spreadsheet). Testing available at the Computer Learning Lab at Red Deer College.
f. Keyboarding 30 nwpm. Testing available at Red Deer College.

AND

B) Additional Requirements

(to be submitted after application and transcripts)

1. Knowledge of the Pharmacy Technician career (forms provided by the College). Pharmacy experience is an asset.
2. Two letters of reference from educators or employers, or both (forms provided by the College).
3. A one- to two-page handwritten essay giving your reasons for choosing a Pharmacy Technician career.
4. Include relevant pharmacy experience and prior learning on your application.
5. An immunization review/record is to be completed within the program prior to practicum placements. A form and deadline for submission will be provided in the first week of fall classes. Some students may require additional immunizations in order to be eligible for practicum placements. Incompletion of immunizations may prevent practicum placement and program completion and therefore affect future employment prospects.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information. In addition, Pharmacy Technicians must meet the English Language Proficiency requirements of the National Association of Pharmacy Regulatory Authorities.

Note:

- Applicants should be aware that good manual dexterity and vision is essential for some of the tasks performed by pharmacy technicians. Applicants should also be able to stand and sit for extended periods of time, be able to lift items with weights up to 10 kilograms, communicate and perform effectively in stressful and busy situations both independently and with other students/co-workers . Please speak to the chairperson of the program if any of these qualifications are of concern.
- Pharmacy Technician employers may require that you be bondable.
- Part time students may be accepted with the approval of the program chairperson.

Note: While not an admission requirement for the program, applicants are advised that they will be required to provide a Police Information Check and Vulnerable Sector Check to most agencies where they will be placed for practicum experiences. The existence of a criminal record may prevent practicum placement, program completion, professional licensure and therefore affect future employment prospects. It is the decision of each agency or institution to accept or reject a student for placement or observation experience based on the results of the Police Information Check.

Program Content

On Campus Program

Fall Term

PHAR 110	Pharmacy Practice I
PHAR 120	Dispensing I
PHAR 130	Pharmacy Laws and Agreements
PHAR 140	Pharmaceutical Calculations
PHAR 161	Computer Skills
PHAR 180	Pharmacology I

Winter Term

COMM 140	Fundamentals of Workplace Communications
PHAR 111	Pharmacy Practice II
PHAR 121	Dispensing II
PHAR 151	Hospital Pharmacy
PHAR 155	Aseptic Technique
PHAR 171	Community Pharmacy
PHAR 181	Pharmacology II

Spring Term

PHAR 191	Retail Pharmacy Practicum
PHAR 192	Hospital Pharmacy Practicum

Distance Program

Year 1

Fall - Term 1

PHAR 110	Pharmacy Practice I
PHAR 140	Pharmaceutical Calculations

Winter - Term 2

PHAR 130	Pharmacy Laws and Agreements
PHAR 181	Pharmacology II

Spring - Term 3 (Red Deer Campus)

PHAR 120	Dispensing I (Lab) P
HAR 161	Computer Skills

Year 2 Fall - Term 4

PHAR 111	Pharmacy Practice II
PHAR 180	Pharmacology I

Winter - Term 5

PHAR 171	Community Pharmacy
PHAR 151	Hospital Pharmacy

Spring - Term 6 (Red Deer Campus)

PHAR 121	Dispensing II (Lab)
PHAR 155	Aseptic Technique

Year 3

Fall - Term 7

COMM 140	Fundamentals of Workplace Communications
PHAR 191	Retail Pharmacy Practicum (160 hrs)
PHAR 192	Hospital Pharmacy Practicum (160 hrs)

Note: Due to the rapidly changing nature of pharmacy and health care, students must complete both practicum courses (PHAR 191 and PHAR 192) within one academic year of finishing their other course work. Students not able to meet this timeline will have to repeat the lab courses: PHAR 120, 121, 155 and 161. Please note that most practicums require a block set of full-time hours not part-time.

Program Cost Estimates - 2014/2015

Tuition	$ 4309.50
Student Association Fees	$ 214.50
Fees	$ 190.00
Activity & Wellness Fee	$ 66.00
Facility, Service & Tech Fee	$ 390.00
Books/Materials	$ 1,250.00
Total	$ 6,420.00

Fees and Expenses

Practicum Expenses

These vary depending on where your racticum is. Placements are made all over Alberta, with only a few in Red Deer. The department will try to let you choose the area so your living expenses will be low, if possible. Minimum costs will be two months board and

room, relocation costs, and travel to and from the workplace. You will need proper clothing for working with the public in a professional setting.

Material and Special Fees:
PHAR 110, PHAR 111, PHAR 130, PHAR 140, PHAR 151, PHAR 171, PHAR 180, PHAR 181, PHAR 190, COMM 140
$50 (each distance delivery only)

Graduation Requirements

You must pass all courses and achieve a minimum cumulative GPA of 2.0.

Due to the changing nature of pharmacy and health care, students must complete the program within 4 academic years from the term to which they were first admitted. Students will be required to repeat courses that don't meet this requirement.

Practical Nurse

Chairperson
Maureen Matejka
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Two Year Diploma

This program delivered over two academic years prepares the graduate to become a Licensed Practical Nurse (LPN) following graduation and successful completion of the Canadian Practical Nurse Registration Exam. With approval, Practical Nurse students have 4 years from the time of admission to the program to complete requirements for the Practical Nurse diploma. As a LPN, the graduate will provide nursing care in a variety of health care settings, such as hospitals, the community and other health care agencies.

Admission Requirements

In order to be admitted to the program the student must:

1. Meet the following academic requirements:
   - 60% in ELA 30-1
   - 60% in a level Biology 30
   - 60% in one of the following: Math 20-1, Math 20 (Old), Math 30-2 or Math 33 (old)
     OR
   - 70% in Math 20-2 or Math 20-3

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

2. Immunization to be completed prior to program start date.

Additional Requirements

In addition to the above requirements the student must provide evidence of current CPR certification at the Health Care Provider Level. You must recertify each year.

Note: While not an admission requirement for the program, applicants are advised that they will be required to provide a Police Information Check (also known as a Criminal Record Check) and Vulnerable Sector Check to most agencies where they will be placed for practicum experiences. The existence of police information or a criminal record may prevent practicum placement, program completion, professional licensure and therefore affect future employment prospects. It is the decision of each agency or institution to accept or reject a student for placement or observation experience based on the results of the police information check. The current police information check process used by Alberta Health Services can change during the academic year.

Program Content

Year 1 Fall Term

PN 251	Professional Leadership I
PN 252	Nursing Foundations I
PN 253	Health Promotion I
PN 254	Pharmacology I
PN 255	Professional Communication
PN 256	Anatomy & Physiology
PN 257	Practical Experience I: Healthy Adults

Year 1 Winter Term

PN 258	Professional Leadership II
PN 259	Nursing Foundations II
PN 260	Health Promotion II
PN 261	Pharmacology II
PN 262	Pathophysiology
PN 263	Practical Experience II: Residential Care

Year 1 Spring Term

ENGL 219	Language & Literature

One 3 credit Liberal Arts/ Arts/ Humanities/ Science or Social Science Elective

Year 2 Fall Term

PN 264	Professional Leadership III
PN 265	Nursing Foundations III
PN 266	Health Promotion III
PN 267	Pharmacology III
PN 268	Practical Experience III: Acute Care

Year 2 Winter Term

PN 269	Professional Leadership IV
PN 270	Nursing Foundations IV
PN 271	Health Promotion IV
PN 272	Practical Experience IV: Family Centered Care
PN 273	Practical Experience V: Focus
PN 274	Practical Experience VI: Comprehensive Practicum

Program Cost Estimates - 2014/2015

Year 1

Tuition	$ 4,530.50
Student Association Fees	$ 225.50
Fees	$ 135.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 410.00
Books/Materials	$ 2,034.50
Total	$ 7,379.50

Year 2

Tuition	$ 3,978.00
Student Association Fees	$ 198.00
Fees	$ 175.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 360.00
Books/Materials	$ 2,103.75
Total	$ 6,858.75

Recognition of Prior Learning / Experience

Nursing courses from other programs will be evaluated on a case-by-case basis for prior learning. Students who are transferring into the program or students who have been out of the clinical area for an extended period of time may be required to pass a competency screen prior to admission to the program.

Graduation Requirements

You must pass all required courses and achieve a minimum cumulative GPA of 2.0.

Social Work

Chairperson
Tera Dahl-Lang
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Two-Year Diploma

Students may apply for the program on a full or part-time basis, application requirements and the application process are the same for each stream. Program planning will take place with students during the registration process.

The mission of the Social Work Diploma Program at Red Deer College is to prepare the student for employment as a social worker and to provide a foundation for further post-secondary education through the introduction and integration of: practice skills, theoretical knowledge, and application of social work ethics and values. The Program fulfills its' mission by promoting ethical practice, social and economic justice, respect for and acceptance of diversity among peoples, and relationship building.

Social workers are trained to 'help people help themselves'. The focus of social work is on the interactions between people and their social environment. The program examines how to help people meet the demands of daily life. It looks at how social work seeks to improve people's problem-solving and coping skills, and links them with systems that offer resources, services, and opportunities.

Related Careers

Social Work Diploma graduates can expect job opportunities in both public and private agencies. You may work, directly or indirectly, with people having problems with finances, employment, child neglect, foster care, alcohol or drug dependency, marital and family conflict, young offenders, and individual emotional problems.

The Program

Objectives of the program are:

1. To provide a two-year diploma program in Social Work that prepares students with the knowledge, skills, and attitudes needed for jobs in beginning social work positions.
2. To prepare students to continue their education in a Bachelor of Social Work program.

Transfer Features

The Red Deer College Social Work Diploma can be transferred to the Faculty of Social Work, University of Calgary (programs in Calgary and Edmonton, and Learning Circles Program offered at Red Deer College or virtually); the University of Victoria; Thompson Rivers University (Kamloops); University of Regina.

Admission Requirements

A) Academic Requirements

1. High School Diploma with no mark below 50% in:
   a. ELA 30-1 or ELA 30-2
   b. Social Studies 30-1

OR

2. Mature Student
   You must be 19 years of age or older, out of high school at least one full year before the program starts, and have minimum mark of 50% in ELA 30-1 or ELA 30-2, or a minimum score at the 50th percentile on the English component of the College Board Placement Test (written on campus) or the Test of Adult Basic Education (written off campus) and a score of 2-3 on a writing sample.

AND

B) Other Requirements
   Once it has been determined that you have met the academic requirements in (A) above, you will be mailed a package of materials which includes (a) a personal profile/questionnaire, and (b) three confidential reference request forms.

All students are required to complete this questionnaire and arrange for their references to be forwarded to the College in order to have a complete admissions package.
You are required to complete a minimum of 100 hours of volunteer OR employment experience. The purpose of the volunteer OR employment experience is exposure to the human services field. It is recommended that volunteer hours be completed with one organization when possible. Your main function must involve contact with people, and one reference form needs to be completed by the employment or volunteer supervisor. Please go to the Social Work program webpage for further information.

3. **An interview** with a Social Work faculty member is required as part of admission. Once your completed package is received by the College, you will be contacted for this interview.
The majority of your work or volunteer experience must be completed prior to your interview with a Social Work faculty member.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Note: While not an admission requirement for the program, applicants are advised that they will be required to provide a Police Information Check and Vulnerable Sector Check to most agencies where they will be placed for practicum experiences. The existence of a Criminal Record may prevent practicum placement, program completion, professional licensure and therefore affect future employment prospects. It is the decision of each agency or institution to accept or reject a student for placement or observation experience based on the results of the Police Information Check. Students should be prepared for approximately $50 to $75 in extra expense to acquire these documents.

Increasingly, social work practice in many social services agencies requires workers to work extended hours of operation. Many agencies now provide a variety of programs associated with their services that operate on evenings or weekends. Students need to be prepared to work during non traditional business hours if placed in these agencies.

Note regarding university transfer: While students may enter the SOWK Diploma program without ELA 30-1, those intending to transfer to a university program are advised to complete ELA 30-1 before entering the program. This will enable you to take university transferable English courses in your first year. Students who enter the program without ELA 30-1 may take English 30 (or equivalent) upon admission to Social Work but may not complete the Diploma within four terms. ELA 30-1 is not credited toward Diploma requirements.

Program Content

Year 1 Fall Term

English or Communication Option*	
PSYC 260	Basic Psychological Processes
SOCI 260	Sociological Concepts and Perspectives
SOWK 201	Introduction to Social Works Methods I
SOWK 204	Social Work Ethics in Practice
SOWK 207	Social Services History, Function and Structure
SOWK 208	Field Work

Winter Term

English or Communication Option*	
PSYC 261	Social and Individual Behaviour
SOCI 261	Canadian Society
SOWK 202	Introduction to Social Works Methods II
SOWK 209	Field Work II

Year 2 Fall Term

SOWK 301	Social Work Practice with Individuals and Families
SOWK 210	Social Work Practice with Groups SOWK
306	Social Work Administration
SOWK 308	Field Work III
SOWK 312	Social Problems and Issues In Social Work
Option * (3 credits)	
Option * (3 credits)	

Winter Term

SOWK 304	Social Work Methods V - Working with Communities
SOWK 307	Social Policy
SOWK 309	Field Work IV
SOWK 313	Social Work in Health Care Settings
Option* (3 credits)	

* One of your three options must include one of PSYC 353, PSYC 355 or PSYC 357. This course may be taken in either the fall or winter term in second year. Options may not include high school equivalency courses. If you plan to transfer to a university, choose courses which are transferable

Program Cost Estimates - 2014/2015

Year 1

Tuition	$ 4,420.00
Student Association Fees	$ 220.00
Fees	$ 40.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 400.00
Books/Materials	$ 1,430.00
Total	$ 6,554.00

Year 2

Tuition	$ 4,420.00
Student Association Fees	$ 220.00
Fees	$ 50.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 400.00
Books/Materials	$ 1,320.00
Total	$ 6,454.00

Readmission

See page 10.

Graduation Requirements

You must pass all course requirements and achieve a minimum cumulative GPA of 2.00

Software Developer

E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Note: This program is suspended for the current academic year.

One Year Certificate

People are enabled by computer technology - from cellular phones to MP3 players to gaming systems and business applications. Technology is embedded in all aspects of our daily lives. Software Developer graduates write software applications for many of today's technology.

Related Careers

Career opportunities in the Information Technology (IT) field continue to grow and expand, both nationally and internationally. Software Developer Certificate graduates will be positioned to take advantage of this increased market demand for IT skills because they are prepared with the knowledge-base and skill-sets necessary to successfully engage in an exciting IT career in either business or industrial environments. A career in IT will appeal to applicants who are looking for exciting, challenging, and well-compensated futures.

Types of positions - entry-level programmer with skills in software applications including:

- web development
- desktop (Windows) applications
- user interface design
- IT service desk - providing support for hardware and software

Most graduates will integrate into their IT profession as a software developer or help desk analyst. With experience and proven ability, students may advance into specialized areas of technology. Many courses in the Software Developer Program help to prepare students to write certification exams from the Microsoft Certified Software Developer credential and the CompTIA Network+ exam.

Learning Outcomes

Graduates of the Software Developer Certificate will possess the following skills and knowledge:

1. Given design specifications, develop algoriths.
2. Use online resources to identify solutions.
3. Participate in the implementation of projects.
4. Develop and deploy desktop and web-based applications.
5. Navigate development processes through the software lifecycle stages including testing.
6. Interact effectively with operating systems and services.
7. Write structured and object oriented programs that interact with databases.
8. Develop interactive websites.
9. Consider the impact of Local Area Network technology on applications.
10. Provide common Help Desk support.
11. Practice industry standard codes of conduct.
12. Complete relevant documentation and activity reports.
13. Practice effective communication with co-workers including cultural sensitivity.
14. Engage in learning activites that are responsive to the workplace.

Admission Requirements

A) Academic Requirements

1. High School Diploma with no mark below 50% in:

a. ELA 30-1
b. Mathematics 30-1
OR
50% in ELA 30-1 & 65% in Mathematics 30-2 with either Physics 30 or Chemistry 30 or Science 30 with a minimum mark of 50%

OR

2. Mature Student

You must be 19 years of age or older, out of high school at least one full year before the program starts, and have a minimum mark of 50% in Mathematics 30-1
OR
a minimum mark of 65% in Mathematics 30-2 and either Chemistry 30 or Physics 30 or Science 30 with a minimum mark of 50%.

AND

B) Other Requirements

All Software Developer Certificate students must have a laptop computer that is using Microsoft Windows as the operating system. Please contact department Chair for minimum specifications.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Recommendations

Applicants are also expected to have working skill sets in at least the following areas of workstation management and operations through course work and/or industry experience:

- word processing
- e-mail communications
- internet research and download
- file and print management
- basic operating systems literacy

Applicants requesting further information, skill assessment, and/or learning support courses (CMPT 083, 086, 087 or 089) should contact an academic advisor and/or the Information Technology Department Chairperson for assistance.

Communications Course Placement Testing

Students will be required to take a College placement test before registering in a written communications course. (Students with 60% or greater in English 30 will be exempted from this test.) Students who do not achieve a satisfactory mark in this test will be required to complete COMM 150 before they can register in the required course, COMM 250. Students should take the placement test early in the event preparatory work (COMM 150) is required. Students needing to do COMM 150 will have the opportunity to complete all the Communications requirements with the two year time frame.

Program Content

COMM 250	Business and Workplace Writing
ITEC 100	IT Service Desk
ITEC 105	Discrete Mathematics
ITEC 115	Operating Systems
ITEC 120	Computer Networking
ITEC 140	Desktop Operating Systems
ITEC 150	Structure Programming
ITEC 153	Visual Programming
ITEC 156	Object Oriented Programming
ITEC 160	Web Design
ITEC 163	Web Client
ITEC 166	Web Server
ITEC 170	Systems Analysis and Design
ITEC 175	Object Oriented Analysis and Design
ITEC 180	Career Skills
ITEC 190	Project I
ITEC 193	Practicum OR
ITEC 196	Work Experience

Should a student posess any other course(s) and/or credentials not listed above for which they with to have considered for advanced credit, please contact the Information Technology Department Chairperson.

Graduation Requirements

You must pass all courses and achieve a minimum cumulative GPA of 2.00

Teacher Skills Enhancement - Carpentry

E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Note: This program is suspended for the current academic year.

One Year Certificate

The Program

The Teacher Skills Enhancement .Carpentry Certificate will provide teachers with knowledge, skills and experience to teach the Career and Technology Studies CRA3400 Carpenter program offered in secondary schools. The certificate is designed for teachers who hold a Bachelor of Education degree and who are interested in teaching the carpentry courses but who have limited or no previous exposure to the trade. Teachers will learn terminology and basic skills in wood working and carpentry including applicable worksite safety, building procedures, concrete forms, framing, roofs, doors and windows, exterior finishes, blueprint reading, drawing, sketching and applied mathematics relevant to the Carpenter trade.

The certificate covers the complete content of the first and second period of Carpenter Apprenticeship technical training as well as a minimum of 1360 practicum hours with industry. The first term of technical training is 8 weeks in duration plus a practicum of 8 weeks. The second term of technical training is 8 weeks in duration plus the final practicum of 24 weeks.

Graduates will be able to authorize student course completion forms from Alberta Education at the end of CRA courses in secondary school.

Transfer Features

This certificate will receive transfer credit at the University of Alberta towards the diploma in Secondary Education - Career and Technology Studies (CTS) minor. Graduates may receive credit towards Journeyperson certification should they become indentured in the Carpenter Apprenticeship program at the discretion of the AIT and the employer. For further information on becoming a Journeyperson contact Apprenticeship and Industry Training.

Admission Requirements

1. Bachelor of Education Degree
2. Sponsored by a participating Alberta School Jurisdiction (Required for the 2012/2013 Academic Year)

Program Content

Term 1

EDCT 435	Safety and Building Materials
EDCT 440	Hand and Power Tools
EDCT 445	Site Preparation, Building Layout and Foundations
EDCT 450	Floor Flame
EDCT 455	Estimating and Plans I
EDCT 460	Projects I
EDCT 465	Practicum I

Term 2

EDCT 470	Frame Structures
EDCT 475	Residential Roofs
EDCT 480	Interior and Exterior Finishes
EDCT 485	Wood Stairs
EDCT 456	Estimating and Plans II
EDCT 461	Projects II
EDCT 466	Practicum II

Graduation Requirements

Students must pass all courses and achieve a minimum cumulative GPA of 2.0, pass the AIT industry challenge exams for first and second periods, and complete 1360 approved practicum hours.

Note: AIT industry exams will be challenged at the end of each period of respective technical training.

Theatre and Entertainment Production

Chairperson
Dr. Dale Wheeler
E-mail: inquire @rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Two-Year Diploma Theatre and Entertainment Production

The Program

This program offers a Diploma in Theatre and Entertainment Production and prepares graduates to work behind the scenes in the live entertainment and event industries. The program includes components of class theory, studio training and hands-on practica in lights, scenic paint, props, sound, set construction, theatre design and stage management.

Students work in assigned practica as members of the resident theatre company, and are able to integrate their technical skills in the production of season of live theatre, in settings simulating professional conditions. Faculty and professional guest artists are the directors and designers for the plays produced by the Theatre programs. Students work in a variety of performance spaces; an exceptional Mainstage proscenium theatre of 576 seats, a black-box experimental theatre, found spaces and outside event locations. Productions in this program are technically challenging and provide valuable experience for student technicians.

In addition to the theatre productions, students have the opportunity to work on a variety of events that take place in the Arts Centre. Students are involved with the set up and operation of professional, touring theatre productions, folk jaz, and pop concerts, and a host of other events as connected with our performing Arts programs and Red Deer College.

Related Careers

We train technicians and craftspeople that work behind the scenes in the ever-growing entertainment industry. Our alumni are employed as stage managers, sound designers and technicians, follow spot operators, production managers, stage electricians, lighting designers and technicians, production management assistants, stage carpenters, scenic painters, and property builders. Graduates working in production often join the International Alliance of Theatrical Stage Employees (IATSE), the labor union representing technicians, artisans and craftspeople in the entertainment industry, including live theatre, motion picture and television production, and trade shows. They may work on contract or may choose to freelance through the union.

Our graduates also work in related areas of the entertainment industry, including cruise ships, theme parks, concert tours, industrial presentations, specialized service companies, film and television. Some eventually move into more senior management positions.

Graduates may also choose to transfer credits and resume experience to B.F.A. or specialty study elsewhere in design or technology, or apply to continue training at RDC as part of our Applied Degree in Motion Picture Arts.

Transfer Feature

Theatre and Entertainment Production graduates can accumulate credits to transfer into year two of B.A., B.Ed., or B.F.A. studies at a variety of universities. Graduates are eligible to apply for the 3rd and 4th years of the Advanced Certificate and Applied Degree in Motion Picture Arts at RDC.

Admission Requirements

A) Academic Requirements

1. **High School Diploma** with successful completion of ELA 30-1 or ELA 30-2

OR

2. **Mature Student**
   You must be 19 years of age or older, out of high school at least one full year before the program starts, and successful completion of ELA 30-1 or ELA 30-2.

AND

B) Other Requirements

To be accepted to the technical production program you need to have a successful interview. Further guidelines regarding interview expectations are available at www.rd.c.ab.ca/performing_ arts.

Program Content

Open to Theatre and Entertainment Production students only

Year 1

THTR 105	Production Crew I
THTR 106	Production Crew II
THTR 107	Production Crew III
THTR 118	Scenic Props
THTR 125	Stagecraft I
THTR 126	Stagecraft II
THTR 135	Entertainment Industry Sound
THTR 136	Live Events Sound
THTR 145	Entertainment Industry Lighting I
THTR 146	Entertainment Industry Lighting II
THTR 158	Entertainment Arts Drafting
THTR 168	Stage and Event Management I
THTR 176	Entertainment Industry Design
ART 231	Visual Fundaments

Year 2

THTR 205	Applied Practice and Theory I
THTR 206	Applied Practice and Theory II
THTR 207	Applied Practice and Theory III
THTR 215	Scenic Painting
THTR 258	Drawing as Communication
THTR 265	Stage and Event Management II
THTR 278	Entertainment Arts Design & Visual Communication
THTR 285	Professional Development I
THTR 286	Professional Development II
THTR 295	Intensives Series I
THTR 296	Intensives Series II
THTR 297	Intensives Series III
Approved COMM course	

Program Cost Estimates - 2014/2015

Year 1

Tuition	$ 4,088.50
Student Association Fees	$ 203.50
Fees	$ 535.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 370.00
Books/Materials	$ 960.00
Total	$ 6,201.00

Year 2

Tuition	$ 3,978.00
Student Association Fees	$ 198.00
Fees	$ 595.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 360.00
Books/Materials	$ 960.00
Total	$ 6,135.00

Theatre and Entertainment Production

Books/Materials include	
Drafting tools & Arts supplies	$ 200.00
Scenography	$ 50.00
Safety equipment	$ 160.00
Tools	$ 100.00
Textbooks	$ 450.00
USITT Conference	TBA

Graduation Requirements

You must pass all courses, and achieve a minimum cumulative GPA of 2.00.

Theatre Performance & Creation

Chairperson
Dr. Dale Wheeler
E-mail: inquire @rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Two-Year Diploma Theatre Performance and Creation

The Program

This program offers training for the emerging theatre artist, as both actor and creator of theatre. Training will include course related theory and research with studio training in skills for the actor and creator of theatre to be accompanied with applied

practicum to bring the process oriented courses to fruition. These practicum opportunites are as follows: stage productions, touring productions, site-specific creation projects, theatre intensives with professional guest instructors, theatre related field trips and field study placements in provincial theatre centres.

When not involved in a practicum, students are taking four days of intense classes with components of: career planning, theatre history, dramaturgy/ play analysis, acting, voice, movement, creation, improvisation, writing, dance, stage fighting, lifestyle and wellbeing, interdisciplinary arts, and devising theatre. The fifth day is reserved for specialty intensives, industry related events, creation sessions and one-on-one coaching with a professional theatre artist/instructor.

Related Careers

Arts and Culture are a growth industry in North American with many theatre artists creating their own material for festivals, solo companies, industry productions and multi-disciplinary collaborations. Film, television, new media and the circus are also avenues that graduates of our program have embarked on. By offering a program that trains both actor and creator, our graduates have an exciting and varied palette with which to infuse the professional theatre industry.

Transfer Feature

Theatre programs at RDC have over a decade of experience in transferring students to university programs and preparing them for entrance into leading theatre training schools in North America (i.e. National Theatre School, Studio 58, Sheridan College, Neighbourhood Playhouse, etc.). Students have the opportunity to accumulate University Transfer credits into year two of numerous renowned university theatre programs. RDC graduates have continued on to receive B.A. Honours in Drama, BFA in drama, education degrees and MFA degrees in theatre related forms at the University of Alberta, York University, University of British Columbia, Simon Fraser University, University of Calgary and the University of Lethbridge. Graduates are also eligible to apply for the 3rd and 4th years of the Advanced Certificate and Applied Degree in Motion Picture Arts at RDC.

Service Courses

The performing arts department also offers a selection of university transfer drama courses for students in other RDC programs. These courses are taught by either professional guest instructors or faculty from Theatre Performance and Creation.

Admission Requirements

A) Academic Requirements for Theatre Performance and Creation:

1. High School Diploma with successful completion of ELA 30-1

OR

2. Mature Student

You must be 19 years of age or older, out of high school at least one full year before the program starts, and successful completion of ELA 30-1

AND

B) Other Requirements

To be accepted into the Theatre Performance and Creation program you must have a successful audition. Further guidelines regarding audition expectations are available at www.rd.c.ab.ca/performing_ arts.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Career Goals

RDC Theatre Performance and Creation graduate profile: The RDC Theatre Performance and Creation diploma program produces innovative theatre artists who actively contribute to the Canadian theatre community as creators, directors, performers, educators, arts administrators and producers. The RDC grad is also provided with the training to further excel at leading education centres such as the National Theatre School in Montreal, the University of Alberta BFA program in Edmonton, Simon Fraser University in Vancouver and UBC .Okanagan, the Applied Degree in Motion Picture Arts at Red Deer College, as well as other related degrees at leading North American universities. Transfer credits and resume experience may also lead to B.Ed., B.F.A., B.A. Drama Honours, or specialty study elsewhere in the world.

Program Content

Open to Theatre Performance and Creation students only

Year 1

THTR 100	Theatre Research and Development I
THTR 101	Theatre Research and Development II
THTR 110	The Business of Theatre I
THTR 111	The Business of Theatre II
THTR 120	The Expressive Body I
THTR 121	The Expressive Body II
THTR 130	The Expressive Voice I
THTR 131	The Expressive Voice II
THTR 140	Acting I
THTR 141	Acting II
THTR 150	Theatre Artist Studio I
THTR 151	Theatre Artist Studio II
THTR 160	Devising Theatre
ENGL 219	Language and Literature
INTD 241	Wellness & Lifestyle Management

Year 2

THTR 200	Theatre Research and Development III
THTR 210	The Business of Theatre III
THTR 220	The Expressive Body III
THTR 230	The Expressive Voice III
THTR 240	Acting III
THTR 250	Theatre Artist Studio III
THTR 251	Theatre Artist Studio IV
THTR 260	Creative Fusion
INTD 321	Contemporary Art in Process I
One Approved option	

Program Cost Estimates - 2014/2015

Year 1

Tuition	$ 4,199.00
Student Association Fees	$ 209.00
Fees	$ 478.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 380.00
Books/Materials	$ 1,050.00
Total	$ 6,360.00

Year 2

Tuition	$ 3,646.50
Student Association Fees	$ 181.50
Fees	$ 630.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 330.00
Books/Materials	$ 1,050.00
Total	$ 5,882.00

Study Tour(s)

Each year RDC offers optional Study Tours to world theatre centres (London, New York, Toronto, etc.). Students may wish to budget for $2000-$3000/trip for these optional opportunities.

Graduation Requirements

You must pass all courses and achieve a minimum cumulative GPA of 2.00.

Transitional Vocational Program

Chairperson
Janice Findlay
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

The Program

This program offers employment readiness and job skills training to adults with developmental disabilities. If you spent most of your school years in modified classes or left school early because of educational difficulties, you may be interested in this program.

This program focuses on teaching useful work skills, attitudes and behaviours. You will be prepared for a job in the community through classroom instruction and on-site job training.

We will work with you in setting individual goals directed toward employment, interpersonal and independence skill development.

Admission Requirements

To be accepted into the program, you must

- Be 18 years of age or over.
- Complete the application package and assessment.
- Have a personal interview with Department members.
- Have previous work experience, through work experience training or a previous job.
- A sincere desire to acquire employment skills through community based work experiences.

Course Length

10 months (September to June)

Program Content

1. Jobsite Skills Training

You will be involved in Workplace Skills Training three days a week providing you with the opportunity to work directly with employers and their staff within Red Deer businesses.

Training programs and placements are individualized to meet your learning needs, interests and employment goals. Although instructors in the program work closely with you and the employer to assist in training and provide feedback on your progress, TVP students are not job coached.

You will be involved in several placements throughout the year to help you best determine your most suitable employment option.

Work experience courses include:

TVOC 013	Jobsite Skills Training I
TVOC 017	Jobsite Skills Training II
TVOC 018	Block Practicum

2. Classroom Courses

Courses teach and review basic functional skills, attitudes, and knowledge related to employment and daily living. These include:

TVOC 010	Self Awareness
TVOC 011	Vocational Preparation
TVOC 012	Recreation and Community Living
TVOC 014	Interpersonal Skills
TVOC 015	Skills for Employment
TVOC 016	Skills for Independence

Program Cost Estimates - 2014/2015

Tuition	$ 3,757.00
Student Association Fees	$ 187.00
Fees	$ 425.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 340.00
Total	$ 4,753.00

Funding is provided through the Skills Investment Program, Alberta Human Services. Call Janice Findlay at (403)342-3113 for details.

Unit Clerk

Donald School of Business - Downtown
Associate Dean
Dr. Diane Janes
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

The Program

This program provides opportunities to develop the skills and attributes to efficiently operate in the management and coordinating position of a unit clerk. It is imperative that, as a key team player, the unit clerk has highly developed communication and interpersonal skills with proficiency in stress and time management. The program promotes and encourages extensive student involvement as most activities are interactive and the learning is experiential.

Related Careers

This program prepares the graduate to work in hospital, long term care, and other health related institutional settings as a Unit Clerk or Unit Secretary to provide clerical support to patient care units. It includes instruction in computer applications, medical terminology, and the various roles of the Unit Clerk.

Admission Requirements

A) Academic Requirements

1. a. ELA 30-1 or ELA 30-2 or equivalent

OR

b. A minimum score at the 50th percentile on the English component of the College Board Placement Test and a score of 2-3 on a writing sample.

2. Two tests to assess keyboarding speed of 20wpm with 3 errors or less

B) Preceptorship Requirements

Immunization Records to be completed prior to commencement of preceptorship.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Note: While not an admission requirement for the program, applicants are advised that they will be required to provide a Police Information Check (also known as a Criminal Record Check) and Vulnerable Sector Check to most agencies where they will be placed for practicum experiences. The existence of police information or a criminal record may prevent practicum placement, program completion, professional licensure and therefore affect future employment prospects. It is the decision of each agency or institution to accept or reject a student for placement or observation experience based on the results of the police information check. The current police information check process used by Alberta Health Services can change during the academic year.

Program Content

UNIT 100	Computer Skills
UNIT 101	Speed Building
UNIT 102	Medical Terminology
UNIT 103	Processing Medical Orders
UNIT 105	Preceptored Practice
UNIT 106	Exploring the Role of the Unit Clerk
UNIT 107	Essential Communication Skills for Unit Clerks

Program Cost Estimates - 2014/2015

Tuition	$ 2,431.00
Student Association Fees	$ 121.00
Fees	$ 3.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 220.00
Books/Materials	$ 520.00
Total	$ 3,339.00

Recognition of Prior Learning/ Experience

Students may receive Recognition of Prior Learning in some courses where the learning of skills, knowledge or competencies has been acquired through work, formal and informal education or training, or self study. Recognition of Prior Learning is applicable in UNIT 100 and UNIT 101. Further information is available at www.rdc.ab.ca/rpl/. Application forms for Recognition of Prior Learning are available through the Registrar's Office.

Graduation Requirements

Successful completion of all required courses.

Virtual Assistant

Donald School of Business - Downtown
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Note: This program is suspended for the current academic year.

The Program

Trends in telecommuting, the growth of the Internet, and corporate downsizing have contributed to the growth of the virtual assistant profession. This online program will provide opportunities for students to gain entrepreneurial skills, attitudes, technology skills and related knowledge to adapt to providing office services virtually from their home offices. Students will learn how to create and market a viable home-based business using their technological skills to contract office support to for-profit businesses and not-for-profit agencies. Optional specialization will allow students to

select from other major support areas: Automated Accounting, Web Design, and Technologies for the Virtual Office.

There are three intakes: beginning September, January and April of each year. Each course is 14 weeks in length.

Related Careers

Certificate graduates are prepared to operate an office services home-based business. Graduates may also transfer into the Office Administration Online Collaborative Diploma.

Transfer Features

Virtual Assistant Certificate courses will transfer to all Office Administration Certificate and Diploma Programs in colleges in Alberta. The amount of transfer credit will vary depending upon the program and college.

Admission Requirements

A) Academic Requirements

1. 50% in ELA 30-1 or 65% ELA 30-2

OR

Mature Student
You must be 19 years of age or older, out of high school at least one full year before the program commences, and have a minimum mark of 50% in ELA 30-1 or ELA 30-2, or a minimum score at the 50th percentile on the English component of the College Board Placement Test and a score of 2.3 on a writing sample.

2. Entrance Testing Keyboarding speed of 30 net words per minute on 3, 3-minute timings with 3 or fewer errors on each time. For testing off campus, contact Admissions at 403.342.3400 or admissions@rdc.ab.ca

B) Recommended

Note: While not an admission requirement for the program, in order to be successful students should have basic computer skills (able to function independently on basic computer software programs and able to carry out basic Internet navigation). Because of the entrepreneurial nature of Virtual Assistants, students should be independent learners who use time management skills to accomplish tasks.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

(Total of Nine 3-credit courses)

Core courses:

VA 100	Document Formatting
VA 110	Communication Skills
VA 120	Basic Bookkeeping for Home Business
VA 130	Starting a Virtual Assistant Business
VA 140	Office Management for Virtual Businesses
VA 150	Marketing Your Virtual Business
VA 160	Virtual Practicum
OADM 200	Desktop Publishing

Approved Option

Choose one of:

VA 180	Technologies for the Virtual Office
OADM 220	Automated Accounting
VA 170	Web Design

Recognition of Prior Learning/ Experience

Students may receive Recognition of Prior Learning in some courses where the learning of skills, knowledge or competencies has been acquired through work, formal and informal education or training, or self study. Recognition of Prior Learning is applicable in VA 100, VA 110, VA 120, OADM 200, OADM 220 and VA 170. Application forms for Recognition of Prior Learning are available through the Registrar's Office at admissions@rdc.ab.ca or the Test Centre at test.centre@rdc.ab.ca.

Graduation Requirements

You must pass all courses and achieve a minimum cumulative GPA of 2.00.

Visual Art

Chairperson
Jason Frizzell
E-mail: inquire@rdc.ab.ca
Local calls: 403.342.3400
Toll Free: 1.888.732.4630

Two-Year Diploma Program

Since 1974, hundreds of Red Deer College Visual Art Diploma graduates have successfully transferred to all of the major universities and art colleges across Canada and completed their BFA degree.

Related Careers

This program emphasizes the importance of a general foundation in art. Most related careers in art require further studies beyond two years, either at university or art college. Competition for employment in specialized art fields is very keen, making the strength of your basic education very important.

The following employment-related fields require a general art foundation, followed by more specialized training, ending in a four-year undergraduate degree or Master's degree.
Fine Art - sculpture, painting, ceramics, printmaking, photography, and drawing

Crafts Design - ceramics, textiles, glass, and jewellery
Commercial Design - lay-out, illustration, display, model-making, and photography
Environmental Design - architectural, urban, environmental, and industrial design
Photography - creative, commercial, industrial, and freelance
Art Education - secondary and post.secondary
Other - art galleries, framing shops, etc.

The Program

The instructors in the Visual Art program are themselves practicing artists. Studios are fully equipped for ceramics, sculpture, painting, drawing, printmaking, and design.

The program offers you a concentrated visual arts foundation in a two year time span.

The first year emphasizes experience in drawing, painting, design, ceramics, sculpture, art history, and English. A broad range of visual experiences will help you form a visual arts vocabulary and master skills in composition and technical areas.

The second year of the program emphasizes creative growth and visual maturity in studio work. You will also be introduced to studies in the humanities.

Transfer Features

You may transfer up to 20 course equivalents taken at Red Deer College to the University of Alberta, University of Calgary, University of Lethbridge, the Alberta College of Art and Design, NSCAD University, and the Emily Carr University of Art and Design. The Visual Art diploma is also transferable to most other Canadian universities and art colleges.

Transfer requirements vary from one university to another. See the Alberta Transfer Guide for detailed transfer policies.

Admission Requirements

1. **High School Diploma** with no grade below 50% in ELA 30-1 or ELA 30-2 OR
2. **Mature Student**
   You must be 19 years of age or older, out of high school at least one full year before the program starts, and have a minimum of 50% in ELA 30-1 or ELA 30-2, or a minimum of 50th percentile on the English component of the College Board Placement test (written on campus) or the Test of Adult Basic Education (written off campus) and a score of 2-3 on a writing sample.

Note: In addition to the program admission requirements applicants, whose first language is not English, must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

Program Content

Year 1

ART 101/ART 101	Visiting Artists
ART 201/ART 203	Art History I and II
ART 231/ART 233	Visual Fundamentals I & II
ART 241/ART 243	Drawing I and II
ART 251	Two Dimensional Studies-Painting I
ART 261	Three Dimensional Studies-Ceramics I
ART 281	Three Dimensional Studies-Sculpture I
English	One term course (level determined by entry qualifications)

Year 2

ART 101/ART 101	Visiting Artists
ART 341/ART 343	Drawing III and IV
One-term academic option	
English	One-term course (university level)

Two-term University transfer academic option (preferably a 300 level Art History).
Two electives from the following full-year studio courses:

ART 351/ART 353	Painting II and III
ART 361/ART 363	Ceramics II and III
ART 375/ART 377/ ART 379	Printmaking (two will be offered each year)
ART 381/ART 383	Sculpture II and III
ART 310/ART 311	Professional Practice I and II

Program Cost Estimates - 2014/2015

Year 1

Tuition	$ 4,972.50
Student Association Fees	$ 247.50
Fees	$ 285.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 450.00
Books/Materials	$ 2,385.00
Total	$ 8,384.00

Year 2

Tuition	$ 5,083.00
Student Association Fees	$ 253.00
Fees	$ 95.00
Activity & Wellness Fee	$ 44.00
Facility, Service & Tech Fee	$ 460.00
Books/Materials	$ 2,365.00
Total	$ 8,300.00

Graduation Requirements

You must pass all courses (26 courses, 64 total credits) and achieve a minimum cumulative GPA of 2.00.

CONTINUING EDUCATION

Continuing Education

Continuing Education offers a wide range of courses, seminars and workshops designed to meet the needs of lifelong learners. These credit-free offerings provide opportunities for workplace skills development, career enhancement and personal growth. Course guides are available in July and December. Please call 403.357.3663. Information is also available on the Web: www.rdc.ab.ca/continuing-education/continuing-education

Continuing Education provides training programs for learners wishing to upgrade their workplace skills. Programs are responsive to the changing needs of business and industry and help individuals and business keep current in their changing environments. The programs offered by Continuing Education are learner-centered and designed to be accessible, relevant, practical and convenient. Continuing Education also provides customized training programs for groups and businesses.

Business and Industry Training:

Industry & Trades Training:

- Transportation Safety Director
- Pre-employment Trades
- Management for Foreman
- Occupational Health and Safety
- Enform training
- Blue Seal training
- CWB testing
- B-Pressure testing

Business and Management Training:

- Leadership
- Human Resource Management
- Conflict Management
- Project Management
- Management Skills for Supervisors
- Applied Management

Computer Training:

- Introductory Courses
- Application software
- Accounting, Project Management and AutoCAD
- Digital Photography
- Social Media
- Customized Systems and Information Technology Training

Arts Programs

Continuing Education offers a variety of courses, workshops and camps in Visual & Performing Arts. Superb instructors, facilities and equipment provide exceptional learning opportunities for students of all ages. For further information call 403.357.3663.

Visual Arts

- Series Summer Arts School
- SummerScapes Visual Arts for Teens

Performing Arts

- Music Lessons at RDC
- The Nutcracker Ballet
- Adult Concert Band Workshop
- Alberta Band Association Provincial Festival of Bands
- Clinics on Campus
- RDC Symphonic Winds and RDC Big Band
- Spring Break Theatre Camp for Kids

Fitness Programs

The Be Fit For Life Centre provides fitness and lifestyle courses, programs and services. It's mission is to support and encourage healthy lifestyles throughout Central Alberta through activities such as:

- Leadership certification programs
- Fitness & lifestyle apprasials
- Worksite wellness initiatices
- Personal training

For further information call 403.357.3663.

Summer at RDC

Let RDC Summer Camps rock your world! Music, Sport, Visual Art, Drama, Science, Film making and Video Design - we have a camp for you!

Arts Camps

Phone: 403.357.3663

- Adventures in Summer Music
- Artstrek – Theatre Camp
- MusiCamp Alberta
- Series Summer Arts School
- Summer Dance Intensive (ID Inspire Dance & RDC)
- SummerScapes Visual Arts for Teens
- Summer Strings Workshop
- Teen Film Camps
- Teen Game Design Camp

Science Camps

Phone: 403.357.3663

- Early Minds
- Science Discovery
- Natural Sciences
- U Rock Girls

- Techy & Robotics
- SCI Spy
- Techy II
- Astro Adventures
- Mini Medi Camp
- Super Science Samplers

Sport Camps
Phone: 403.357.3663
- Basketball
- Volleyball
- Combo camps (Basketball & Volleyball)
- Wacky advenutres
- Totally U Girl
- All Sport Camp
- Hockey Dryland Training
- Ringette
- Badminton

General Interest
- Educational Travel
- Language Training
- Human Services Programming
- Personal Growth

Certificates and Training

High quality training from Continuing Education is the key to your success! Our Programs & Courses will jump start and advance your career!

Career Development Certificate Programs
- A+ Certification
- Alberta Senior Citizen Housing Association Activity Coordinator
- Alberta Senior Citizen Housing Association Site Manager
- Applied Management
- Change Management
- Conflict Management
- Human Resource Management
- Leadership
- Management for Foreman
- Management Skills for Supervisors
- Payroll Compliance Practitioner
- Professional Bookkeeping Certificate Program
- Project Management
- Supply Chain Management
- Technical Communication

Industry & Trades Certificate Programs
- ENFORM Safety Training for Oil & Gas Industry
- Pre-Employment Trades
- Transportation Safety Director ONLINE
- U of A Occupational Health & Safety
- Water Well Driller

UGotClass Online Certificates
- Mobile Marketing
- Video Marketing
- eMarketing Essentials
- Social Media for Business

Testing
- "B" Pressure Re-Tests & Job Tests
- CWB Welding Tests

Professional Certifications
- Fitness Leadership (AFLCA)
- Coaching (NCCP)
- First Aid and CPR

Corporate Training
Make professional development and workplace training part of your organization's plan for success! We will work with your organization to deliver our training through one or a combination of the following:

1. In-class in our state of the art training centres
2. On-site at your place of business
3. Online accessible anytime, anywhere

We specialize in the following staff development areas:
- Occupational Health & Safety
- Succession Planning
- Strategic Management & Planning
- Project Management and MS Project
- Change Management
- Executive Coaching
- Team Building
- Sales Training
- Microsoft Office
- Certified CompTIA Training
- Simply Accounting and QuickBooks
- Digital Imaging and Web Design
- Industrial Specific Training in 14 Apprenticeship/Trade Area

Conference Services
Located in the heart of Central Alberta, Red Deer College (RDC) is the premier destination for all your event and conference needs. Our unique setting offers you state of the art venues that suit all your needs. Our Conference Services team offers professional support services to make your event a resounding success. We are here to help you through all the planning stages of your event. We will assist you in:
- Book the right space for your event
- Coordinate all food and beverage requirements
- Event set-up/tear-down including custodial and security
- Audiovisual equipment and support
- Full IT capabilities with wireless Internet connection
- Site tours of residence and meeting spaces
- One on one consultations prior to your event
- Support throughout your event

COURSE DESCRIPTIONS

In this section, courses are listed to show what is normally offered at Red Deer College. Some courses are not offered every year. Check the timetable to see if specific courses will be offered.

Each course is identified by the name of the subject, followed by a course number and a course weight. The instructor/student contact hours are also shown as well as the number of weeks the course normally lasts, the title of the course, and a brief description.

Example:

ACCT 206-3	(BC=4)
(3-1) 15 weeks	
Auditing	

ACCT	name of the subject, often an abbreviation
206	the course number which gives the course a unique identity
-3	the number which follows the dash is the course credit weight
(BC=4)	the number of billing credits
(3-1)	theinstructor/student contact hours per week; 3 hours of class and 1 hour of lab
15 weeks	the number of weeks the class runs
Auditing	the title of the course

Assignment of Academic Credits, or Credit Weight, to Courses

Course credits are a measure of learning opportunities based on the number and type of instructional hours or equivalent learning experiences. For Red Deer College Diploma and Certificate courses, academic credits are normally equal to billing credits. For courses in University Transfer Programs, academic credits are normally equal to the credit given at university. This is usually equal to the number of lecture hours.

Definitions

Credit - The equivalent of 15 hours of class instruction. (Example: 1 hour per week for 15 weeks including the final exam period.

Course - A series of learning opportunities within a specific subject area to which a final grade is assigned.

Courses have a variety of learning opportunities, among which are the following:

Class - a series of learning activities aimed at acquiring theory.

i) Activities in the class are directed by the instructor OR
ii) Context based Learning

Lab - a series of structured learning activities to facilitate the application of concepts, theories and principles.

Seminar/Tutorial - a series of structured learning activities aimed at further exploration and application of concepts, theories and principles.

Clinical - a series of learning activities aimed at applying theory in prescribed clinical experiences.

Practicum - a learning activity aimed at combining theory with practical experience.

Field Work - an educational experience involving work of a practical nature acquired by students in a work situation.

Instructor/Student Contact Hours

The figures in brackets following the course title and number show the number of contact hours per week. The first figure is the number of class hours. The last figure is the number of lab hours. Seminar hours are identified with an S. Practicum, Clinical and Fieldwork are usually expressed as total hours.

(3-0)	Three hours of classes per week. No labs.
(3-3)	Three hours of classes and three hours of labs per week.
(0-3)	No classes. Three hours of labs per week.
(3-1S-3)	Three hours of classes, 1hour of seminar, and three hours of labs per week.
(3/2)	Classes on alternate weeks

Course Length

Length of courses may vary, see timetable for length of courses. A term usually lasts 15 weeks, including the exam period. Courses lasting 15 weeks are called term courses.

Some courses last two terms, or 30 weeks. This includes two exam periods, one at the end of each term. These courses usually run from September to April. They are called full courses.

Prerequisites and Co-requisites

Courses listed as prerequisites must be completed before you start the course in question. For example, BIOL 297 lists Biology 30 or equivalent as prerequisite. This means that you must complete Biology 30 or equivalent before you can take BIOL 297. Courses listed as co-requisites must be taken at the same time as the course in question.

Note: You usually have to complete a junior course in the same subject before you can take a senior course. This is true even if it is not listed as a prerequisite. If you wish to register in a 300-level course without having taken at least one 200-level course in the same subject, check with an advisor.

Restricted Courses

Some courses are available only if you are admitted to a certain program.

Reserved Courses

Some courses are available first to students in a certain program. Once most students have registered, these courses are opened to all students.

You can find information on restricted and reserved courses in the College Timetable.

Accounting

ACCT 075-6 (BC=6)
(6-0) 15 weeks
Basic Accounting
See "Career and Academic Preparation Courses," page 216.

ACCT 102-4 (BC=4)
(4-0) 15 weeks
Introductory Accounting I
Theory and practice of accounting as applied to the accumulation, external reporting, and external uses of financial accounting information.
Credit will not be granted for both ACCT 102 and 202.

ACCT 103-4 (BC=4)
(4-0) 15 weeks
Introductory Accounting II
Preparing and analysing accounting information for shareholder and management use.
Prerequisite: ACCT 102.
Credit will not be granted for both ACCT 103 and 202.

ACCT 104-3 (BC=3)
(3-0) 15 weeks
Managerial Accounting
Using accounting information for managerial decision making, operating and capital budgets, and product costing.
Prerequisite: ACCT 102.
Credit will not be granted for both ACCT 104 and 204.
Diploma students may take either ACCT 104 or 204. Bachelor of Commerce must take ACCT 204 (and may not take ACCT 104).

ACCT 106-4 (BC=4)
(3-2) 15 weeks
Management Accounting and Finance
Using accounting information for managerial decision making. Budgeting, financial forecasting and analysis, and an introduction to corporate finance.
Prerequisite: ACCT 102.
Credit will not be granted for both ACCT 104 and 106.

ACCT 202-3 (BC=5)
(5-0) 15 weeks
Introductory Financial Accounting
Postulates, principles of accounting relating to external reporting, and uses of financial accounting information. Emphasis is on accounting for organizational resources and equities, preparing and analysing financial statements, and reporting to owners, creditors, and other external decision makers.
Note: Designed for Second Year Commerce Students.
Credit will not be granted for both ACCT 102/ 103 and 202.

ACCT 204-3 (BC=3)
(3-0) 15 weeks
Managerial Accounting
ACCT 204 covers the same topics as ACCT 104 in more depth and adds several additional topics.
Prerequisite: ACCT 103 or 202.
Credit will not be granted for both ACCT 104 and 204.
Bachelor of Commerce students must take ACCT 204. Diploma students may take either ACCT 104 or 204.

ACCT 205-3 (BC=3)
(3-0) 15 weeks
Cost Accounting
Basic cost accounting and multiple purpose systems for management control. Profit-cost relationships. Inventory valuation. Material costing. Budgeting and performance evaluation. Standard costs. Variance analysis. Direct costing and relevant costing. Cost allocation. Process costing.
Prerequisite: ACCT 104 or 204.

ACCT 209-4 (BC=5)
(4-1) 15 weeks
Intermediate Financial Accounting I
Generally accepted accounting principles. Objectives of financial statements. Revenue recognition. Time value of money. Valuation of current assets. Accounting for inventories. Fixed assets and long-term investments.
Prerequisites: ACCT 103 or 202.

ACCT 210-4 (BC=5)
(4-1) 15 weeks
Intermediate Financial Accounting II
Monetary and non-monetary liabilities. Accounting for bonds, leases, pensions, and shareholders' equit y. Ta x allocation. Analysing financial statement information. Statement of changes in financial position. Accounting for changes and correcting errors.
Prerequisite: ACCT 209.

ACCT 305-3 (BC=4)
(3-1) 15 weeks
Personal and Corporate Taxation
Covers Canadian income tax laws affecting corporations, proprietors, and salaried employees. Includes computation of income tax, taxable income, taxes payable, corporate distributions, taxation of capital gains and preparation of corporate and personal income tax returns.
Prerequisite: Business Administration Diploma or Consent of the Department.

ACCT 306-3 (BC=4)
(3-1) 15 weeks
Auditing
Examines the role of the internal and external auditor in business and explores the legal and ethical environment of auditing. Emphasis on methods, procedures and reporting as they relate to specific financial statement areas. Covers internal control, risk and materiality, the audit of fraud, and auditing in a computer environment.
Prerequisite: ACCT210 or consent of department.

ACCT 308-3 (BC=3)
(3-0) 15 weeks
Advanced Managerial Accounting
Examination of advanced management accounting practices assisting managers to formulate and implement new strategies, motivate and evaluate organizational performance, and achieve operational excellence. Using a case study approach emphasis will be on current management accounting practices including the theory of constraints, activity-based management, cost-based decision making, and balanced scorecard.
Prerequisite: ACCT 205.

ACCT 310-3 (BC=3)
(3-0) 15 weeks
Advanced Financial Accounting
This is an advanced course in financial accounting that is aimed primarily at students pursuing a professional accounting designation. Emphasis is on investments, consolidations, foreign currency and financial reporting.
Prerequisite: ACCT 209 & ACCT 210.

Administrative Professional

APRO 100-3 (BC=3)
(3-0) 15 weeks
Information Processing
This is a hands on introduction to computer concepts, systems, and terminology using Microsoft Windows and Word. Course work covers electronic file management and basic Word skills.

APRO 101-3 (BC=3)
(3-0) 15 weeks
Spreadsheet Fundamentals
This course will provide students with hands-on training in the basic/intermediate operations of M icrosof t Excel. Topics covered include creating and formatting worksheets and charts, writing formulas, performing what-if analysis, and using financial functions.

APRO 102-3 (BC=3)
(3-0) 15 weeks
Computer Essentials
Learn how to create a database, research topics using the Internet, identify the basic components of a computer system, troubleshoot hardware and software problems, prepare an electronic presentation, and use a variety of Internet and distance delivery tools.

APRO 110-3 (BC=3)
(3-0) 15 weeks
Document Processing I
For those with little or no previous keyboarding skills. Learn to touch key the alphabetic keyboard. Emphasis is on building skills through proper technique.

APRO 111-3 (BC=3)
(3-0) 15 weeks
Document Processing II
OADM 110 continued. Emphasis on building speed and accuracy and on the production of mailable business correspondence.
A variety of advanced Word features are explored including mail merge, sorting and selecting, fill-in forms, tables, and columns to produce visually appealing and professional-looking documents.
Prerequisites: APRO 100, 110.

APRO 126-6 (BC=6)
(6-0) 15 weeks
Basic Accounting
Learn the fundamentals of accounting through hands-on experience. Apply accounting principles in manual and automated environments.

APRO 130-3 (BC=3)
(3-0) 15 weeks
Office Systems I
Learn current office practices in records management, handling telephone calls, and mail procedures. Develop speed and accuracy on an electronic calculator while learning basic business math.

APRO 131-3 (BC=3)
(3-0) 15 weeks
Office Systems II
Explore the systems, procedures and technology of the contemporary office. Complete an office simulation package.
Prerequisites: APRO 130, APRO 110 and APRO 100.

APRO 135-3 (BC=3)
(3-0) 15 weeks
Introduction to Industry Sectors
Assist the studentsin determining an industry sector for practicum and workforce employment. Increase the students' awareness and understanding of the industries within Alberta. Create an effective resume, cover letter, and portfolio. Develop interview skills.

APRO 160-3 (BC=3)
(3-0) 15 weeks
Personal Leadership
Individual effectiveness. Topics include: attitude, perception, goal setting, organization, stress and time management, creative thinking, adaptability, self-concept and interpersonal communication.
Complete a class project.

APRO 170-3 (BC=3)
(120 hours) 6 weeks
Practicum
Application of technical and administrative skills through employment in an office setting.
Prerequisite: A minimum GPA of 2.00 with no grade lower than D in the Administrative Professional Certificate fall and winter term courses.

APRO 200-3 (BC=3)
(3-0) 15 weeks
Desktop Publishing - Online Delivery
With an emphasis on desktop publishing, this course will build on word processing techniques and will explore the advanced features and applications of a current word processing program, a presentation program and a desktop publishing program.
Prerequisite: APRO 100 and APRO 111 or VA 100 or equivalent.

APRO 220-3 (BC=3)
(3-0) 15 weeks
Automated Accounting - Online Delivery
Emphasis is on automated accounting procedures and systems. Data entry, generating and analyzing reports and accounting simulations using integrated accounting software.
Prerequisites: APRO 123 or APRO126 or VA 120 or equivalent.

Anthropology

Note: Not all courses listed may be offered. Check Course Timetable for availability.

ANTH 200-3 (BC=3)
(3-0) 15 weeks
People & Biocultural Evolution
An examination of people and culture around the world. The focus will be on archaeological and physical anthropological components (race, evolution).
Note: Do not take ANTH 200 or 201 if you have already completed ANTH 203.

ANTH 201-3 (BC=3)
(3-0) 15 weeks
People and Culture
An examination of people and culture around the world. The focus will be on cultural anthropological components (language, culture growth and culture change).
Note: Do not take ANTH 200 or 201 if you have already completed ANTH 203.

ANTH 203-3 (BC=3)
(3-0) 15 weeks
Introduction to Anthropology
Provides a general introduction to Anthropology through the study of central concepts and key issues, including culture, human cultural development, biological evolution, social organization, cultural theory, symbolic systems and culture change.
Note: You cannot receive credit for ANTH 203 if you have previously taken either ANTH 200 or 201.

ANTH 204-3 (BC=3)
(3-0) 15 weeks
Global Citizenship
A survey of basic elements of global citizenship. Central concepts to building knowledge and understanding of the interconnectedness of human cultures will be explored by focusing on topics including social justice and equity, diversity, globalization and interdependence, sustainable development, and peace and conflict.

ANTH 306-3 (BC=3)
(3-0) 15 weeks
Introduction to Archaeology
The nature, purposes, theory, and methods of anthropological archaeology. Emphasis is on how past societies are reconstructed from archaeological evidence and the explanation of cultural evolution.
Prerequisite: ANTH 200 or ANTH 203, or consent of the Deparment.

ANTH 307-3 (BC=3)
(3-0) 15 weeks
Introduction to Social and Cultural Anthropology
Comparing human society and culture, particularly non-Western communities. Emphasis is on the family, social structure, political institutions, religion, and processes of change.
Prerequisite: ANTH 201 or ANTH 203, or consent of the Department.

ANTH 308-3 (BC=3)
(3-0) 15 weeks
Introduction to Linguistic Anthropology
Language and communication in the context of anthropology. A brief survey of field and analytic methods. Theory of linguistic anthropology.
Prerequisite: ANTH 201 or ANTH 203, or consent of the Department.

ANTH 309-3 (BC=3)
(3-0) 15 weeks
Introduction to Physical Anthropology
Human evolution and human variation. Topics include primatology, osteology, hominoid palaeontology, and variation in modern populations.
Prerequisite: ANTH 200 or ANTH 203, or consent of the Department.

ANTH 321-3 (BC=3)
(3-0) 15 weeks
Ethnographic Survey of Latin America
A survey of cultural traditions of Mexico, the Caribbean, and Central and South America as they have evolved since the 16th century.
Prerequisite: ANTH 201 or ANTH 203, or consent of department.

ANTH 323-3 (BC=3)
(3-0) 15 week
Ethnographic Survey of Africa
Anthropology 323 will survey various groups across Africa going from traditional foraging groups through to current industrial societies in Africa.
Prerequisite: ANTH 201 or ANTH 203, or consent of the department.

ANTH 327-3 (BC=3)
(3-0) 15 weeks
Globalization and Indigenous/Cultural Minorities
The survival of indigenous and minority cultures in various societies. Relationships among race, class, culture, and politics. Genocide, ethnocide, and the future of native peoples in the modern state.
Prerequisite: ANTH 201 or ANTH 203 or consent of the Department.

ANTH 330-3 (BC=3)
(3-0) 15 weeks
Technology and Culture
Evolution of tools and techniques. How society adapts to environment through technology. Relationships between technology, ideology, and social organization.
Prerequisite: ANTH 201 or ANTH 203 or consent of the Department.

ANTH 331-3 (BC=3)
(3-0) 15 weeks
Anthropology of Gender
Comparative analysis of gender as a central feature of social identity and of social relations of power, with particular reference to feminist approaches to the exploration of women's experience in their historical and cultural variety.
Prerequisite: ANTH 201 or ANTH 203, or consent of the department.

ANTH 356-3 (BC=3)
(3-0) 15 weeks
Ethnographic Survey of First Nations of Canada
The cultural history of the First Nations peoples of Canada including the analysis of the contemporary groups.
Prerequisite: ANTH 201 or ANTH 203, or consent of the Department.

ANTH 357-3 (BC=3)
(3-0) 15 weeks
Applied Anthropology
Introduction to the practical use of anthropological knowledge and research methods. Includes discussion of the specific challenges of practicing anthropology outside of academia.
Prerequisite: ANTH 201 or 203 or consent of the Department.

ANTH 361-3 (BC=3)
(3-0) 15 weeks
Peoples & Cultures of Central America
Cultural history of the native peoples of Mexico and Guatemala. Contemporary Indian communities.
Prerequisite: ANTH 201 or ANTH 203, or consent of the Department.

ANTH 363-3 (BC=3)
(3-0) 15 weeks
Anthropological Perspectives on Religion
Contemporary anthropological theoretical perspectives on indigenous and world religions.
Prerequisite: ANTH 201 or ANTH 203 or consent of the Department.

ANTH 370 (BC=3)
(3-0) 15 weeks
Special Topics in Archaeology
Examination of selected topics in archaeology and/or biological (physical) anthropology. This course may be repeated for credit.
Prerequisites: ANTH 200 or ANTH 203, or consent of the Department.

ANTH 375 (BC=3)
(3-0) 15 weeks
Special Topics in Anthropology
Examination of selected topics in social/cultural anthropology. This course may be repeated for credit.
Prerequisites: ANTH 201 or ANTH 203, or consent of the Department.

ANTH 391-3 (BC=4)
(3-0-3) 15 weeks
Human Osteology
This is a comprehensive and intensive course on human skeletal material in archaeological context. Lectures and labs will cover techniques for identifying complete and fragmentary skeletal and dental elements, for recognizing the form and function of soft tissue attachments, on bones and for determining individualizing characteristics such as age at death and sex. Additional topics include skeletal growth and development, the identification of the normal range of variation in human skeletal anatomy, and distinguishing human from animal bones. This course should be considered essential for students planning future work in the interpretation of modern and archaeological human remains or the hominid fossil record.
Prerequisites: ANTH 309, or a course in Biology or Zoology, or consent of the Department.

Art

Note: Not all courses listed may be offered. Check Course Timetable for availability.

ART 101-5 (BC=.5)
(0-1) 15 weeks
Visiting Artists
This is a presentation based course featuring a diverse range of visiting artists who are professionally active in the visual art studio areas. Presentations will contain a variety of graphic content.
Note: This course will be evaluated using a credit (pass)/non-credit (fail) grading system based upon 75% attendance.
Note: Repeat for credit 4 times for 2 credits. To complete their program requirement, BFA and Visual Art students must have completed a total of 2 credits in ART 101. Beginning date for ART 101 is Fall 2002.

ART 201-3 (BC=3)
(3-0) 15 weeks
Art History I
A survey of Art History from Prehistoric to Renaissance.
Note: Not eligible for challenge.

ART 203-3 (BC=3)
(3-0) 15 weeks
Art History II
A survey of Art History from Renaissance to modern.

ART 231-3 (BC=5)
(4-2) 15 weeks
Visual Fundamentals 2D
A foundation level, project based studio course that introduces the formal elements and principles of two dimensional design.
Note: Not eligible for challenge.

ART 233-3 (BC=5)
(4-2) 15 weeks
Visual Fundamentals 3D
A foundation level, project based studio course that introduces the formal elements and principles of three dimensional design.
Note: Not eligible for challenge.

ART 241-3 (BC=5)
(4-2) 15 weeks
Drawing I
Basic theory and practice of drawing.
Note: May include use of life models
Note: Not eligible for challenge.

ART 243-3 (BC=5)
(4-2) 15 weeks
Drawing II
ART 241 continued. Basic theory and practice of drawing. Emphasis is on analysis and motivation.
Prerequisite: ART 241.
Note: May include use of life models.
Note: Not eligible for challenge.

ART 251-3 (BC=5)
(4-2) 15 weeks
Two Dimensional Studies - Painting I
Introduction to various materials and techniques in both traditional and contemporary formats.
Note: May include use of life models.
Note: Not eligible for challenge.

ART 261-3 (BC=5)
(4-2) 15 weeks
Three Dimensional Studies - Ceramics I
Ceramic process in image and idea.
Note: Not eligible for challenge.

ART 281-3 (BC=5)
(4-2) 15 weeks
Three Dimensional Studies - Sculpture I
Sculptural process in image and idea.
Note: Not eligible for challenge.

ART 301-3 (BC=3)
(3-0) 15 weeks
Art History
Forms and concepts in art and architecture in Canada. Early French and English colonial periods to Confederation.

ART 303-3 (BC=3)
(3-0) 15 weeks
Art History
Forms and concepts in Canadian art and architecture from Confederation to modern. The Group of Seven, Nationalism, Regionalism, development. and more recent

ART 305-3 (BC=3)
(3-0) 15 weeks
Art History
European painting, sculpture, and architecture. The nineteenth century to the end of Impressionism.

ART 306-3 (BC=3)
(3-0) 15 weeks
Art History
Painting, sculpture, and architecture. From the end of Impressionism, through the early art movement of the 20th century, to the 1950's.

ART 310-1 (BC=2)
(1-0) 15 weeks
Professional Practice I
The exploration and application of issues, responsibilities, techniques, and systems related to a professional artistic practice with an emphasis on portfolio development.
Prerequisites: ART 231, 233, 241, 243, 251, 261, 281 or department approval.

ART 311-1 (BC=1)
(1-0) 15 weeks
Professional Practice II
The exploration and application of issues, responsibilities, techniques, and systems related to a professional artistic practice with an emphasis on proposals, support agencies, and contractual and financial matters.
Prerequisite: ART 310 or department approval.

ART 341-3 (BC=5)
(4-2) 15 weeks
Drawing III
Theory and practice of drawing. Emphasis is on developing more advanced drawing and perception skills.
Prerequisite: ART 231, 233, 243.
Note: May include use of life models.
Note: Not eligible for challenge.

ART 343-3 (BC=5)
(4-2) 15 weeks
Drawing IV
Emphasis is on refining technique and resolution of working concepts.
Prerequisite: ART 341.
Note: May include use of life models.
Note: Not eligible for challenge.

ART 351-3 (BC=5)
(4-2) 15 weeks
Painting II
ART 251 continued. A contemporary approach to painting that develops individual strengths, using a problem solving approach.
Prerequisite: For AU, U of C, U of L, AUC, B.F.A. program: ART 251, 231, 233 and 243.
For U of A, B.F.A. program: ART 231, 233, 243, 251, 281.
Note: May include use of life models.
Note: Not eligible for challenge.

ART 353-3 (BC=5)
(4-2) 15 weeks
Painting III
ART 351 continued.
Prerequisite: ART 351.
Note: May include use of life models.
Note: Not eligible for challenge.

ART 361-3 (BC=5)
(4-2) 15 weeks
Ceramics II
Emphasis is on hand building and surface enrichment. Lectures, critiques, and studio practice.
Prerequisite: ART 231, 233, 243 and 261.
Note: Not eligible for challenge.

ART 363-3 (BC=5)
(4-2) 15 weeks
Ceramics III
Further work and study in clay. Kiln firing principles and introduction to throwing. Lecture, critiques, and studio practice.
Prerequisite: ART 361.
Note: Not eligible for challenge.

ART 375-3 (BC=5)
(4-2) 15 weeks
Printmaking I
Relief printmaking, including woodcut, wood engraving, linocuts, and colour printmaking.
Prerequisites: For AU, U of C, U of L, AUC, B.F.A. program: ART 231, 233, 243.
For U of A, B.F.A. program: ART 231, 233, 243, 251/281.
Note: Not eligible for challenge.

ART 377-3 (BC=5)
(4-2) 15 weeks
Printmaking II
Silkscreen (serigraph) printmaking.
Prerequisites: For AU, U of C, U of L, AUC, B.F.A. program: ART 231, 233, 243.
For U of A, B.F.A. program: ART 231, 233, 243, 251/281.
Corequisite: ART 379.
Note: Not eligible for challenge.

ART 379-3 (BC=5)
(4-2) 15 weeks
Printmaking III
Intaglio and relief printmaking. Includes etching, engraving, collograph, and colour printing.
Note: Not eligible for challenge.

ART 381-3 (BC=5)
(4-2) 15 weeks
Sculpture II
Developing and realizing sculpture using various techniques and materials.
Prerequisites: FOR U of C, U of L, AUC, B.F.A. Program: ART 231, 233, 243, 281.
For U of A, B.F.A. Program: ART 231, 233, 243, 251/281
Note: Not eligible for challenge.

ART 383-3 (BC=5)
(4-2) 15 weeks
Sculpture III
Further study and work in sculpture.
Prerequisite: ART 381.
Note: Not eligible for challenge.

ART 441-3 (BC=5)
(4-2) 15 weeks
Drawing
Emphasis is on an individual problem solving approach. You have more responsibility to set visual and conceptual parameters and to extend your visual inquiry process.
Prerequisite: ART 343.
Co-requisite: ART 499.
Note: May include use of life models
Note: Not eligible for challenge.

ART 443-3 (BC=5)
(4-2) 15 weeks
Drawing
ART 441 continued.
Prerequisite: ART 441.
Co-requisite: ART 499.
Note: May include use of life models.
Note: Not eligible for challenge.

ART 451-3 (BC=5)
(4-2) 15 weeks
Painting
Expanding your ability in and knowledge of painting concepts and processes. Using and handling related media.
Prerequisite: ART 353.
Co-requisite: ART 499.
Note: Not eligible for challenge.

ART 453-3 (BC=5)
(4-2) 15 weeks
Painting
ART 451 continued.
Prerequisite: ART 451.
Co-requisite: ART 499.
Note: Not eligible for challenge.

ART 461-3 (BC=5)
(4-2) 15 weeks
Ceramics
ART 363 continued. Emphasis is on refining personal imagery in terms of composition and conception. More in-depth understanding of ceramic techniques.
Prerequisite: ART 363.
Co-requisite: ART 499.
Note: Not eligible for challenge.

ART 463-3 (BC=5)
(4-2) 15 weeks
Ceramics
ART 461 continued.
Prerequisite: ART 461.
Co-requisite: ART 499.
Note: Not eligible for challenge.

ART 475-3 (BC=5)
(4-2) 15 weeks
Printmaking - Relief Intaglio
Technology of relief and intaglio printing processes. Developing personal imagery, effective visual communication, composition, and design.
Prerequisite: ART 375, 379.
Co-requisite: ART 499.
Note: Not eligible for challenge.

ART 479-3 (BC=5)
(4-2) 15 weeks
Printmaking - Relief Intaglio
ART 475 continued.
Prerequisite: ART 375, 379.
Co-requisite: ART 499.
Note: Not eligible for challenge.

ART 481-3 (BC=5)
(4-2) 15 weeks
Sculpture
Extending your performance base as it relates to ideas, media, and process.
Prerequisite: ART 383.
Co-requisite: ART 499.
Note: Not eligible for challenge.

ART 483-3 (BC=5)
(4-2) 15 weeks
Sculpture
ART 481 continued.
Prerequisite: ART 481.
Co-requisite: ART 499.
Note: Not eligible for challenge.

ART 499-3 (BC=4)
(4-2) 15 weeks
Studio and Professional Practice
Seminar that together with self-directed studio research and production fosters a commitment to critical thinking and professional practice. Required co-requisite for students registered in 400 level studio course.
Note: May be repeated for credit.
Note: Not eligible for challenge.

Astronomy

ASTR 205-3 (BC=3)
(3-0) 15 weeks
The Modern Universe
A survey of modern astronomy with a focus on how our present views of the universe developed. Exploring the solar system by telescope and spacecraft. The birth and death of stars. Variable stars. Interstellar medium. The Milky Way and other galaxies. Pulsars (neutron stars) and supernovae. The concept of a black hole. Exploding galaxies (radio galaxies) and quasars. The evolution of the universe. The possibilities of extraterrestrial life and interstellar communication.

Automotive Service

EMP 101-4 (BC=4)
(60 class hours)
Employment & Communications I
Introduction to written and oral communication skills with emphasis on business style correspondence. Course also includes WHMIS, Standard First Aid and CPR Certifications.

EMP 102-1 (BC=1)
(15 class hours)
Employment & Communications II
Further practice in written and oral communication skills with emphasis on problem solving, interview skills and resume writing.
Prerequisite: EMP 101.

AUTO 101-2 (BC=2)
(20 class hours, 10 lab hours)
Tools and Safety
Knowledge and skills required to identify and safely use basic hand tools, common power tools, measuring tools and fastening devices.

AUTO 102-5 (BC=5)
(50 class hours, 40 lab hours)
Brakes
Knowledge and skills required to diagnose and repair master and wheel cylinders, disc brakes, drum brakes, brake valves, park brakes and power brakes.
Pre or Co-requisite: AUTO 101.

AUTO 103-3 (BC=3)
(45 class hours, 15 lab hours)
Electrical I
Obtain basic electrical knowledge and develop skills required to diagnose and repair automotive electrical systems.
Pre or Co-requisite: AUTO 101.

AUTO 104-1 (BC=1)
(6 class hours, 12 lab hours)
Welding
Safe use of oxyacetylene and MIG equipment. Acquire basic knowledge and skills for safe use of gas heating and cutting and MIG equipment.
Pre or Co-requisite: AUTO 101.

AUTO 105-1 (BC=1)
(20 class hours)
Powertrains and Drivelines
Knowledge and skills required to diagnose and repair clutches, driveshafts, universal joints and constant velocity joints.
Pre or Co-requisite: AUTO 101.

AUTO 106-1 (BC=1)
(15 class hours, 10 lab hours)
Basic Transmissions
An overview of manual transmission operation and diagnosis, along with automatic transmission service.
Pre or Co-requisite: AUTO 101.

AUTO 107-4 (BC=4)
(45 class hours, 25 lab hours)
Steering and Suspension
Acquire knowledge and develop skills to service and repair steering linkages, suspension systems, wheels, hubs and tires, hydraulic and electric assist steering gears.
Prerequisites: AUTO 101.

AUTO 108-5 (BC=5)
(45 class hours, 45 lab hours)
Wheel Alignment
Complements the steering and suspension course. Learn steering angles, alignment procedures, diagnosis and steering column construction. Use state of the art wheel alignment equipment.
Pre or Co-requisite: AUTO 101.

AUTO 109-5 (BC=5)
(45 class hours, 35 lab hours)
Engine Fundamentals
An overview of basic engine construction and systems, including diagnosis and repair of common failures.
Prerequisite: AUTO 101.

AUTO 110-2 (BC=2)
(30 class hours, 15 lab hours)
Electrical II
To obtain further knowledge of electrical circuit diagnostics and an overview of automotive computer systems.
Prerequisite: AUTO 103.

AUTO 180-1 (BC=1)
(40 practicum hours)
Practicum I
Provides the student an opportunity to work in a shop setting and job shadow a journeyman technician.
Pre or Co-requisite: AUTO 101.

AUTO 181-2 (BC=2)
(85 practicum hours)
Practicum II
The student will be job shadowing and applying skills he or she has learned in the Automotive Service Program in a shop setting.
Prerequisite: AUTO 180.

Biochemistry

BIOC 301-3 (BC=3)
(3-0-0) 15 weeks
Introductory Biochemistry
An introduction to the fundamental principles of biochemistry. Protein structure and function; lipids and the structure of biological membranes; nucleotides and the structure of nucleic acids; bioenergetics and the metabolism of carbohydrates, lipids, and nitrogen; the integration and regularion of cellular metabolism.
Prerequisites: CHEM 211 and 251 or CHEM 351.
Restrictions: Students may only transfer BIOC 301 or BIOC 393 for credit.

BIOC 393-3 (BC=4)
(3-0-3) 15 weeks
Introduction to Biochemical Molecules
This is essentially the same course as BIOC 301 but has a laboratory.
Prerequisites: CHEM 211 and 251or CHEM 351.
Restrictions: Students may only transfer BIOC 301 or BIOC 393 for credit.

BIOC 430-3 (BC=3)
(3-0-0) 15 weeks
Nucleic Acids and Molecular Biology
This course is intended to provide students with a comprehensive introduction to the biochemistry of nucleic acids. It covers: the structure and properties of nucleotides and nucleic acids; DNA based information technologies; genes and chromosome structure; molecular mechanisms in DNA replication, repair, and recombination; RNA metabolism; protein synthesis and targeting; the regulation of gene expression.
Prerequisites: BIOC 301, CHEM 212 and 352. Students transferring to the University of Alberta with less than a B- in the prerequisite courses will not receive transfer credit for this course.

Biology

(See also Microbiology, Bacteriology, Botany, Genetics, Physiology, and Zoology.)

Note: Not all courses listed may be offered. Check Course Timetable for availability.

BIOL 075-4 (BC=4)
(4-1) 15 weeks
Introductory Biology
See "Career and Academic Preparation Courses," page 216.

BIOL 095-6 (BC=6)
(5-2) 15 weeks
Preparatory Biology
See "Career and Academic Preparation Courses," page 216.

BIOL 201-3 (BC=4)
(3-0-3) 15 weeks
Concepts in Biology
Brief introduction to the philosophy of biology. Unity and diversity. How structure and func tion complement each other. Homeostasis. Genetics and evolution. Ecology. Biological basis of behaviour. Relationship between biology and society.
Prerequisite: Biology 30.

BIOL 209-3 (BC=3)
(3-0-0) 15 weeks
Towards a Sustainable Society
The emergence of a sustainable worldview involves the emerging of ideas from science, religions, and economics. These ideas are coupled with a movement towards integrating mind, body and spirit for social change. An experiential approach will be employed to explore our understanding and responses to critical world events and trends that impact our survival and well being.
Prerequisite: Biology 30 or Science 30 or Social 30 or equivalent.

BIOL 217-3 (BC=4)
(3-3) 15 weeks
Introduction to Cell Biology
An introduction to cellular and molecular biology. Topics include: biolog ical macromolecules; membrane structure and function; cellular structure; bioenergetics and energy flow; respiration and photosynthesis; cell division and the cell cycle; DNA structure and replication; transcription and translation; recombinant DNA and genetic regulation.
Prerequisite: Biology 30 & Chem 30.
Note: BIOL 217 and 218 can be taken in either order.

BIOL 218-3 (BC=4)
(3-3) 15 weeks
Organisms in their Environment
An introduction to how the diverse organisms on this planet have been affected by their environment and how the current environment is the product of the activities or organisms. The course also examines how evolution has operated over long time periods to produce major groups of organisms and how evolutionary origins are reflected in their classification. The principles that underlie our understanding of the major lineages will be discussed using examples from bacteria, fungi, protists, animals, and plants. A description of the involvement of organisms in major ecosystem processes leads to an evaluation of the stability of those systems and of human impact on the processes.
Prerequisite: Biology 30.
Note: BIOL 217 and 218 can be taken in either order.

BIOL 301-3 (BC=3)
(3-0-0) 15 weeks
Eukaryotic Cellular Biology
A structural and functional dissection of a eukaryotic cell. Detection of specific molecules at the ultrastructural level: plasma membrane structure and function: cytoskeleton involvement in intracellular transport, mitosis, and cytokinesis; the endomembrane system, protein targeting, exocytosis and endocytosis; nuclear structure and function: cell cycle control and cancer.
Prerequisites: BIOL 217.
Prerequisite or Co-requisite: CHEM 251 or 351.

BIOL 317-3 (BC=4)
(3-3) 15 weeks
Molecular Genetics and Heredity
The chromosomal and molecular basis for the transmission and function of genes. The construction of genetic and physical maps of genes and genomes. Strategies for the isolation of specific genes. Examples of regulatory mechanisms for the expression of the genetic material in prokaryotes and eukaryotes.
Note: Credit will not be given for BIOL 317 and 297.
Prerequisite: BIOL 217.

BIOL 318-3 (BC=4)
(3-3) 15 weeks
Principles of Ecology
Ecology is the scientific study of interactions between organisms and their environment in a hierarchy of levels of organization: individuals, populations, communities, and ecosystems. The course is designed to provide a comprehensive survey of general concepts that can stand alone or serve as preparation for advanced courses in ecology. Laboratory exercises focus on the scientific method, experimental design, critical thinking and scientific writing.
Prerequisite: BIOL 218.

BIOL 399-1.5 (BC=2)
(0-1.5) 15 weeks
Biology Research Opportunity Program
Development of skills in biological research methods through engagement in discussions of scientific research, supervised participation in a faculty research project and experience of the research environment in the department.
Prerequisites: BIOL 217 or BIOL 218 and approval of the Department.

Botany

BOTA 310-3 (BC=4)
(3-3) 15 weeks
The Plant Kingdom - Vascular Plants
A comparative survey of vascular plants focusing on their morphology, classification and phylogeny. Emphasis is placed on living plant groups with some paleobotanical evidence presented.
Prerequisite: BIOL 218.

Business

Note: Not all courses listed may be offered. Check Course Timetable for availability.

ACCT 305-3 (BC=3)
(3-0) 15 weeks
Personal and Corporate Income Tax
Gain a conceptual understanding of the Canadian income tax act affecting corporations, proprietors, and salaried employees. Topics include the computation of income tax, taxable income, taxes payable, corporate distributions, taxation of capital gains, problem solving, and the preparation of corporate and personal income tax returns.
Prerequisite: Business Administration Diploma, Financial Services Diploma, or Consent of the Department.

BADM 107-2* (BC=2)
(3-1) 15 weeks
Computer Skills for Business
BADM 107 is designed to provide students with requisite computing skills to succeed in BADM 207 Advanced Microcomputers. The course consists of three modules; CMPT 071-Introduction to Computers, CMPT 083.Word Processing I, and CMPT 086. Spreadsheet Skills I.
*Non-traditional delivery in course.

BADM 110-3 (BC=3)
(3-0) 15 weeks
Introduction to Management
Learn how to manage organizations in an ethical and socially responsible manner to maximize productivity within the constraints of the business environment. Competency modules include the theoretical and applied aspects of planning, organizing, leading and controlling.

BADM 111-3 (BC=4)
(3-1) 15 weeks
Introduction to Statistics
The use of statistics and probability in business decision making. Methods of collecting, organizing, interpreting, and presenting data. Measures of central tendency and dispersion. Discrete and continuous probability distributions. Standard normal distribution. Sampling and statistical estimation. Testing hypothesis. Credit will not be granted for both BADM 111 and BUS 306.

BADM 132-3 (BC=3)
(3-0) 15 weeks
Introduction to Marketing
The activities involved in the flow of goods and services from the manufacturer to the c onsumer. A consumer ap p roach to marketing is stressed. Decisions on product, place, promotion, and pricing. Other related marketing topics and how they are used to develop policies and strategies.

BADM 204-3 (BC=3)
(3-0) 15 weeks
Interpersonal Skills
Theory and skills of interpersonal relations. Topics include: understanding and improving interpersonal relationships, perception, customer service, negotiation skills, conflict resolution, giving and receiving feedback, presentation skills, coaching and counselling, interviewing skills.

BADM 210-3 (BC=3)
(3-0-0) 15 weeks
Business Technology I
Provides an introduction to the efficient use of information technology applications that are commonly used in a business environment for numerical analysis, presentations, written communications, and file sharing.

BADM 211-3 (BC=3)
(3-0) 15 weeks
Management Information Systems
Focuses on the role of information technology in an organization and its application to business problems. Includes hardware and software, file management, database organization, networking and telecommunications, flowcharting, system security, backup and recovery, and techniques for designing, implementing and managing information systems.
Prerequisites: BADM 210 or consent of department.

BADM 232-3 (BC=3)
(3-0) 15 weeks
Business Technology II
Students will research, use and evaluate a variety of current technologies related to business. Through simulations and projects, the students will gain experience in the setup, operation and issues of modern business technology.
Prerequisite: BADM 210.

BADM 233-3 (BC=3)
(3-0) 15 weeks
Web Development
This course introduces the students to coding for the web. Students will learn advanced programming in HTML as well as introductory concepts in CGI scripting and XML.
Prerequisite: BADM 210.

BADM 234-3 (BC=3)
(3-0) 15 weeks
Web Design
Students will learn advanced web design using web authoring tools. Students will be furthering their knowledge of design and web layout by utilizing a variety of multimedia development tools.
Prerequisite: BADM 210.

BADM 235-3 (BC=4)
(3-1) 15 weeks
Applied Database Development
Expands on the construction of simple database models to those involving more complex designs that deal with the interactions of multiple entities. Focuses on using tools that facilitate the development of user-specific applications on a stable database infrastructure. Complex forms and reports and the usage of scripts using SQL or similar languages will be explored.
Prerequisite: BADM 210.

BADM 238-3 (BC=4)
(3-1) 15 weeks
Electronic Commerce
The focus will be on the business strategies and procedures necessary to use the Internet to deliver goods and services
Prerequisite: CSYS 100 or BADM 207, or BADM 210, or consent of department.

BADM 240-3 (BC=3)
(3-0) 15 weeks
Personal Selling
The role of selling in the business world. The nature and rewards of selling. Details of the salesperson's job and qualifications. Knowledge and skills needed for successful selling. The sales process. The salesperson's personal, customer, and social responsibilities.
Prerequisite: BADM 132.

BADM 241-3 (BC=3)
(3-0) 15 weeks
Marketing Communications
Emphasis on the concepts and components of integrated marketing communications (IMC) and the management of strategic and creative components involved in developing effective marketing communication campaigns. Understanding of target audience behavior, communication theories and communication effectiveness concepts will be examined.

BADM 242-3 (BC=3)
(3-0) 15 weeks
Marketing Research
Methods of defining problems, collecting data, analysing data, and presenting results for marketing problems. Research methods used in all functions of business. Specific areas of market research, including the use of focus groups. Emphasis is on the marketing function of research.
Prerequisite: BADM 132.

BADM 243-3 (BC=3)
(3-0) 15 weeks
Marketing Surveys
Marketing survey theory and skills. Research project, including designing and administering a questionnaire and tabulating and evaluating the project. Group and individual work.
Prerequisite: BADM 242.

BADM 247-3 (BC=3)
(3-0) 15 weeks
Retail Management
An introduction to retail management. Topics such as location analysis, pricing, advertising and promotions, store layout and design, competition evaluation, and staff management will be discussed.
Prerequisite: BADM 132.

BADM 249-3 (BC=3)
(3-0) 15 weeks
Events Management
Theory and practice of planning, implementing, coordinating, marketing and evaluating various types of events including award ceremonies, convention planning, trade shows, fundraisers, festivals, seminars, and concerts.
Prerequisite: BADM 132 or consent of department.

BADM 251-3 (BC=3)
(3-0) 15 weeks
Entrepreneurship
This course develops the tools necessary for both future entrepreneurs and those already active in the business community to compete effectively in the world of commerce. Prospective entrepreneurs will learn how to investigate and evaluate business opportunities, and to acquire the skills and knowledge needed to establish new business ventures, as well as, how to meet the organization's social responsibility to its community.
Note: Designed for BADM students.
Note: Not open to students in the first year without consent of the department.

BADM 253-3 (BC=3)
(3-0) 15 weeks
Project Management
Designed to explore the basic elements of project management. This includes planning, scheduling, maintaining progress of the activities that comprise a project. By applying knowledge gained to actual projects, students are able to understand project life cycles, scheduling, planning, control and implementation.

BADM 260-3 (BC=3)
(3-0) 15 weeks
Introduction to Finance
The role of finance in today's business firms. Cash budgets, financial forecasting and analysis, and sources and uses of funds. Effective management of current assets, working capital, and fixed assets. Capital budgeting and methods of evaluating capital projects, with emphasis on discounted cash flow techniques. Class discussion of relevant case problems.
Prerequisite: ACCT 102/103 or 202.
Note: Designed for second year Business Administration students.

BADM 261-3 (BC=3)
(3-0) 15 weeks
Financial Management
The firm's optimal capital structure. Short-term, intermediate, and long-term sources of capital funds. Leasing, dividend policy, ledgers, and acquisitions. Class discussion of relevant case problems.
Prerequisite: BADM 260.

BADM 262-3 (BC=3)
(3-0) 15 weeks
Investments
Practical and theoretical aspects of investing in marketable securities are explored. Stocks, bonds, and other marketable securities, such as exchange traded funds and mutual funds, will be discussed. In particular the risks and returns from investing will be reviewed within the context of various types of securities markets. Various theories in behavioral finance are also discussed.
Prerequisite: ACCT 103 or 202.

BADM 270-3 (BC=3)
(3-0) 15 weeks
Business Integration
Integration of learning from other courses in the Business Administration program and development of strategic thinking. In addition to studying the theory and application of business strategy, students will also run their own companies in a competitive business simulation, analyse the performance of companies and the environment, and make presentations to management.
Prerequisite: Completion of all first year Business Administration and/or Financial Services diploma courses.
Prerequisite or Co-requisite: BADM 260 or BUS 310.
Note: Not eligible for challenge or Advanced Standing.

BADM 280-3 (BC=3)
(3-0) 15 weeks
Industrial Relations
Labour relations and collective bargaining. Labour legislation, negotiating and administering collective agreements, and settling disputes. Concepts, theories, legislation, history, practices, and current trends and issues in the Canadian industrial relations system.
Prerequisite: BADM 281.

BADM 281-3 (BC=3)
(3-0) 15 weeks
Human Resource Management
An introduction to human resource issues for the employee, supervisor, manager, and human resources staff. Planning, recruitment, selection, compensation, performance appraisal, and labour relations issues will be discussed.
Note: Designed for BADM students.
Note: Not open to students in the first year without consent of the department.

BADM 285-3 (BC=3)
(3-0) 15 weeks
Introduction to Tax Planning
Topics covered include corporations, proprietorships, partnerships, taxation of various types of income, and property. The use of tax deferral and tax free structures is reviewed. Self-employment expenses are also covered.

Prerequisite: Completion of first year courses in Business Administration Diploma or Financial Services Diploma or consent of the department.

BADM 290-3 (BC=3)
(3-0) 15 weeks
Work Practicum
This course provides the student with an opportunity to work in a business setting and apply the skills he/she has learned in the Business Administration Program. Students are required to work at least 90 hours (normally unpaid) during the term. The instructor will assist in finding a suitable work placement.
Prerequisite: Completion of the 1st year of the Business Administration Program with a minimum GPA of 2.0.

BADM 320-3 (BC=3)
(3-0) 15 weeks
Selected Topics in Management
Specialized areas of managerial or entrepreneurial concerns, or both. Functional areas of business, including management, marketing, finance, accounting, and human resources. Course offering and specific topics depend on if an instructor is available.

BADM 321-3 (BC=3)
(3-0) 15 weeks
Selected Topics in Management
Specialized areas of managerial or entrepreneurial concerns, or both. Functional areas of business, including management, marketing, finance, accounting, and human resources. Course offering and specific topics depend on if an instructor is available.

BADM 327-1* (BC=1)
(2-1) 5 weeks
Quantitative Methods Module For Accountants
Selected Management Science and statistical topics for Accountants. Topics include linear programming, statistical decision theory, time series and index numbers.
Prerequisite: BUS 306 or BADM 111 or consent of the department.
*The successful completion of both BADM 327 and BUS 307 will enable students to obtain transfer credit for CGA's Quantitative Methods I.

BUS 201-3 (BC=3)
(3-0) 15 weeks
Introduction to Business
This course covers the foundations for future courses in the B.Comm. program including accounting, organization behaviour, finance, information systems and marketing. Cases, group projects and a computerized business game may be used.

BUS 303-3 (BC=3)
(3-0) 15 weeks
Introduction to Organizational Behaviour
An introduction to the factors that influence human behavior in organizations. Topics include perception, personality, values, group behavior, leadership, politics and power. Students will be encouraged to use this information to better understand themselves and how they make choices in organizations.
Note: Not eligible for challenge.

BUS 305-3 (BC=3)
(3-0) 15 weeks
Organization Theory and Analysis
Organizational structure and processes. Theoretical models used to analyse and manage organizations. The context of organization theory. Problems and use of classical and modern theory. Organization dynamics.
Prerequisite: BUS 303.

BUS 306-3 (BC=4)
(3-1) 15 weeks
Introduction to Business Statistics I
The use of statistics and probability in business decision making. Methods of collecting, organizing, interpreting, and presenting data. Measures of central tendency and dispersion. Discrete and continuous probability distributions. Standard normal distribution. Sampling and statistical estimation. Testing hypotheses. Credit will not be granted for both BADM 111 and BUS 306.

BUS 307-3 (BC=4)
(3-1) 15 weeks
Introduction to Business Statistics II
Statistical techniques used in business decision making, analysis of variances, chi-square distribution, non-parametric tests of hypothesis and multiple regression and correlation analysis.
Prerequisite: BUS 306 or BADM 111.

BUS 310-3 (BC=3)
(3-0) 15 weeks
Introduction to Finance
Types of securities and basic methods of valuation. Valuation and selection of physical and intellectual assets. Operation of asset markets and market efficiency. Risk measures and risk reduction methods. Financing policy, including choices between debt and equity financing.
Prerequisite: BUS 306.
Co-requisite: ACCT 202.
Note: It is strongly recommended that student complete ACCT 202 before registering in BUS 310.

BUS 311-3 (BC=3)
(3-0) 15 weeks
Legal Foundations of the Canadian Economy
Both the private and public sectors of our economy rest on a structure of legal and social institutions. This course looks at the Canadian legal system with emphasis on the social policy behind the rules, rather than on the rules of law themselves. Includes the nature, sources, philosophy, and policy objectives of the law. Selected topics from the field of tort and contract law.

FINS 150-3 (BC=3)
(3-0) 15 weeks
Personal Finance
Explore personal financial literacy concepts and their application to managing personal finances. Combining theory and business math concepts learn fundamental principles of short and long-term financial planning, investing & retirement, credit, taxation, risk management and budgeting.

FINS 250-3 (BC=3)
(3-0) 15 weeks
Mutual Funds
Provides an in depth look at the fundamentals of mutual funds and related investment products in Canada. Students who successfully complete the course requirements are eligible to take the licensing exam administered by an outside body. A minimum mark must be achieved on the examination in order to register for a mutual funds license.
Prerequisite or Co-requisite: FINS 150 or consent of department.

FINS 251-3 (BC=3)
(3-0) 15 weeks
Managing Personal Credit
Overview of the six fundamentals of credit. Review various retail credit products including secured and unsecured loans, lines of credit and mortgages. Time value of money concepts to calculate loan payments and compare interest costs. Case studies will be used.
Prerequisite: FINS 150.
Co-requisite: BADM 260 or BUS 310 or permission of the instructor.

FINS 280-8 (BC=8)
(8-0) 500 hours over 16 weeks
Financial Services Work Experience
This course provides an opportunity for students to work in the financial services industry and apply knowledge learned in their first year. Students will be exposed to a variety of entry level positions. This course offers students paid work experience selling personal financial products. Consult the program coordinator for details.
Prerequisite: FINS 180 or consent of department.

FINS 284-3 (BC=3)
(3-0) 15 weeks
Fundamentals of Personal Finance
The Fundamentals of Personal Finance addresses communication techniques and relationship building skills. The course covers preparation, analysis and understanding of personal financial statements; preparing a debt and cash management plan; time value of money concepts in financial calculations, and economic theory as it applies to personal finance.
Prerequisite: FINS 180 or consent of department.

FINS 286-3 (BC=3)
(3-0) 15 weeks
Insurance in Canada
Term and whole life, disability, accident, critical illness, and creditor insurance contracts will be studied. The course will also review how these products are underwritten by bank and non-bank insurers and coordinated with government benefits. Students will write the Life License Qualification Program (LLQP) exam at the end of the course as offered by the IFIC.
Prerequisite: FINS 281.

FINS 287-3 (BC=3)
(3-0) 15 weeks
Advanced Financial Planning
This course integrates the knowledge and skills gained in the core curriculum of the Diploma in Financial Services program. Students will apply their skills and knowledge in the development of a comprehensive financial plan, as well as, other integrative activities throughout the course.
Prerequisite: FINS 281, 282, BADM 260 or consent of department.

FINS 320-3 (BC=3)
(3-0) 15 weeks
Select Topics in Financial Services
Specialized areas of knowledge in financial services that allow students to gain a broader understanding of the diverse needs of the financial services industry, its management and its customers. Course offering and specific topics depend on availability of a qualified instructor with the required skills and experience.

FINS 321-3 (BC=3)
(3-0) 15 weeks
Select Topics in Financial Services
Specialized areas of knowledge in financial services that allow students to gain a broader understanding of the diverse needs of the financial services industry, its management and its customers. Course offering and specific topics depend on availability of a qualified instructor with the required skills and experience.

GNED 1102-3 (BC=3)
(3-0) 15 weeks
Controversies in Science
Introduction to scientific and mathematical knowledge and their role in society. The scientific method, the role of mathematics and statistics as reasoning tools in the analysis of scientific controversies. Researching, evaluating, and writing about science.

GNED 1203-3 (BC=3)
(3-0) 15 weeks
Cultural Perspectives on Science
This course introduces science as a cultural activity with the goal of developing critical thinking and writing skills. Students will learn to be conversant with some of the issues and debates concerning how science, technology, or medicine have shaped and continue to shape beliefs, values, and identities in our world.

GNED 1301-3 (BC=3)
(3-0) 15 weeks
Globalization
Gain an understanding of international issues by examining the global spread of ideas, objects, and people. Overview of key political, social, and economic concepts will offer the opportunity to debate complex ethical questions and consider Canada's place in the world. Discussion of the pros and cons of globalization.

INTB 410 – 3 (BC=3)
(3-0-0)
Managing Cultural Difference
Learn to apply culturally sensitive models of business communication to build effective business relationships by analyzing cultural values of various world cultures, identifying issues of social organization, addressing dynamics of intercultural communication, and negotiating across cultures to assess the impact on conducting international business.

INTB 415 – 3 (BC=3)
(3-0-0)
International Marketing Management
Learn the principles of international marketing by conducting both quantitative and qualitative research into and analyzing marketing opportunities in foreign markets. Develop marketing plans appropriate to global marketplace. Make product planning, pricing and promotion decisions within an international context and identify distribution structures required to plan market entry strategies.

INTB 420 – 4 (BC=4)
(4-0-0)
Financing International Trade
Examine the field of international trade finance. Key topics include trade finance products and services, payment, risk analysis and management, exchange rates, cash flow planning, export credit agencies, and international financial institutions.

INTB 425 – 4 (BC =4)
(4-0-0)
International Trade Logistics
Develop a comprehensive plan for the movement of goods and services between countries to gain a competitive advantage. Topics include supply chain management, warehouse management, shipment consolidation and containerization, inter-modal transportation management, commercial and government documentation, regulatory compliance, health and environment issues, transportation and customs clearance.

INTB 430 – 3 (BC=3)
(3-0-0)
Legal Aspects of International Trade
Understand the legal environment of international trade, in particular global trade agreements, international contracts and partnerships, intellectual property law, E-commerce, legal aspects concerning transportation of goods, and Canadian business and contract law.

INTB 435 – 4 (BC=4)
(4-0-0)
International Trade Research
Understand the research process, including defining objectives and identifying, collecting, analyzing, and presenting data. Evaluate import and export opportunities, source market information. Apply research and intelligence from various sources to international trade strategies.

INTB 440 – 4 (BC=4)
(4-0-0)
International Trade Management
Learn how to manage in a global economy. Topics include managing for international competitiveness and international risk, managing strategic alliances, and managing a multinational workforce.

INTB 445 – 3 (BC=3)
(3-0-0)
International Market Entry Strategies
Understand how to select, assess, and execute a market entry and exit strategy. Develop and write a strategic international business plan for a specific product or service. Understand and overcome barriers to entry. Learn how to find the right partner and create a partnership agreement and how to manage an international business operation.

INTB 450 - 6 (Optional) (BC=6)
(270 hours) 7 weeks
International Practicum
** Eligible students can acquire work experience in the international business field through practicum following completion of the academic portion of the program. These training experiences give students an ideal way to apply what they have learned in class and also explore different potential career paths.*
**Available only to students who have passed all 10 courses with a minimum cumulative GPA of 3.0, with no grade below C in any of the courses. Practicum placements are not guaranteed.*

MGMT 410-3 (BC=3)
(3-0) 15 weeks
Global Business Environment
Introduction to the field of international business emphasizing: national economic, political and cultural differences; globalization; international institutions' roles in facilitating international trade and trade agreements; international monetary system; and current trends in international business. Canada's place within the global economy and the challenges Canadian business encounter conducting international business.
Prerequisite: RDC Diploma in Business Administration or Financial Services or consent of the department.

MGMT 420-3 (BC=3)
(3-0) 15 weeks
Operations Management
Identify decision processes and management activities of business operations through forecasting, product and service design, capacity planning, waiting line models, facility location and layout, process selection, design of work systems, linear optimization, quality inspection control, life cycle management, inventory management, aggregate planning, material requirements planning, project operations management and scheduling.
Prerequisite: RDC Diploma in Business Administration or Financial Services and completion of BUS 307 or consent of the department.

MGMT 430-3 (BC=3)
(3-0) 15 weeks
Business Plan Development
Develop a business plan, through examination of the entrepreneurial process from conception through implementation, with a focus on a new venture launch or an expansion of an existing owner-managed business. The business plan will be prepared synthesizing previous learning in marketing, law, finance, accounting and operations.
Prerequisite: RDC Diploma in Business Administration or Financial Services of consent of the department.

MGMT 450-3 (BC=3)
(3-0) 15 weeks
Leadership
Integrate and apply theory to personal practice necessary for leading within various private or public organizations. The nature of, and perspectives on, effective leadership behaviour, participative leadership and followership, power and influence, leading change in organizations, and strategic leadership by executives.

MGMT 460-3 (BC=3)
(3-0) 15 weeks
Change Management
Analyze and integrate theories on how executives effectively identify, guide, and implement strategic changes within an organization. Perspectives on leading employees through transitions and effectively aligning change to an organization's strategic intent.
Prerequisite: RDC Diploma in Business Administration or Financial Services or consent of the Business Administration department.

MGMT 470-3 (BC=3)
(3-0) 15 weeks
Corporate Social Responsibility
The interrelationship of ethical decision-making, corporate social responsibility, corporate integrity, organizational culture, corporate strategy, and organizational management/leadership will be covered. Topics may include: sustainability, corporate governance, ethics in marketing, fair-trade, globalization, and other emerging ideas about the continuing evolution of corporate social responsibility.
Prerequisite: RDC Diploma in Business Administration or Financial Services or consent of the Business Administration department.

MGMT 490-3 (BC=3)
(3-0) 15 weeks
Strategic Management
Develop conceptual and applied strategic management skills, using a holistic approach. Topics include: analyzing key environmental forces and competitive situation, addressing organizational direction, formulating and implementing strategy, and using an organization's ability to leverage its unique core competencies.
Prerequisite: RDC Diploma in Business Administration or Financial Services or consent of the Business Administration department. This course is normally taken in the final semester of the BBA program.

Carpentry and Construction

EMP 101-4 (BC=4)
(60 class hours)
Employment & Communications I
Introduction to written and oral communication skills with emphasis on business style correspondence. Course also includes WHMIS, Standard First Aid and CPR Certifications.

EMP 102-1 (BC=1)
(15 class hours)
Employment & Communications II
Further practice in written and oral communication skills with emphasis on problem solving, interview skills and resume writing.
Prerequisite: EMP 101.

CARP 100-5 (BC=5)
(60 class hours, 45 lab hours)
Carpentry Trade Introduction
Knowledge of the Carpentry trade, materials for construction, hand tools, machines and power tools for further application.

CARP 103-3 (BC=3)
(30 class hours, 45 lab hours)
Blueprints I
Introduction to drawings and drawing instruments. Knowledge and skills to produce orthographic drawings, isometric drawings and fee hand sketches. Also includes introduction to blueprint interpretation.

CARP 104-3 (BC=3)
(30 class hours, 45 lab hours)
Blueprints II
Knowledge and skills to read and interpret residential blueprints, light commercial blueprints and be able to produce shop drawings and sketches from blueprints.
Prerequisite: CARP 103.

CARP 105-3 (BC=3)
(45 class hours)
Trade Mathematics I
Knowledge and skills using basic math concepts complemented with problem solving related to the Carpentry trade.

CARP 106-3 (BC=3)
(45 class hours)
Trade Mathematics II
The ability to interpret blueprints and basic math come together at this point to be able to calculate perimeter, area and volume measurements of materials for a specific project.
Prerequisite: CARP 105.

CARP 107-2 (BC=2)
(15 class hours, 45 lab hours)
Carpentry Projects
This course offers the opportunity to apply the theory from the classroom to a variety of projects. Designed to improve hand skills in a safe environment.

CARP 108-2 (BC=2)
(15 class hours, 45 lab hours)
Carpentry Projects II
Once successful in CARP 107 students will use the skills learned to complete more complex projects focusing on quality, safety and organization. Projects will include hands on experience with layout and assembly of concrete forming, floor, wall and roof framing.
Prerequisites: CARP 100, 103, 105 & 107.

CARP 110-4 (BC=4)
(45 class hours, 45 lab hours)
Building Procedures
Knowledge and skills required for the construction aspects of residential and light commercial building projects. This includes building layout, excavation, concrete forming and the framed structure.

CARP 120-3 (BC=3)
(45 class hours)
Construction Safety I
Introduction to construction safety and also including WHMIS, Standard First Aid, CPR Certification and Explosive Actuated Tools.

CARP 121-2 (BC=2)
(30 class hours)
Construction Safety II
Knowledge and skills required for safe operation of explosive activated tools, hand tools and powered tools. Includes knowledge and understanding of safe rigging procedures and construction safety training.
Prerequisite: CARP 120.

CARP 180-1 (BC=1)
(40 practicum hours)
Carpentry Practicum I
Applied knowledge provides the opportunity for continued learning in the Carpentry trade.

CARP 181-2 (BC=2)
(80 practicum hours)
Carpentry Practicum II
Applied knowledge provides the opportunity for advancement in the Carpentry trade.
Prerequisite: CARP 180.

Chemistry

Note: You must have a lab coat and safety glasses to take part in chemistry labs. You can buy these items at the College Bookstore. Please note that contact lenses are not permitted in the labs.
Note: Not all courses listed may be offered. Check Course Timetable for availability.

CHEM 075-4 (BC=4)
(4-1) 15 weeks
Introductory Chemistry
See "Career and Academic Preparation Courses," page 217 .

CHEM 095-6 (BC=6)
(4-1S-2) 15 weeks
Preparatory Chemistry
See "Career and Academic Preparation Courses," page 217

CHEM 203-3 (BC=4)
(3-1S-3/2) 15 weeks
Introductory University Chemistry I
Stoichiometry, ideal gases, atomic structure and bonding, thermochemistry, chemical equilibrium, acids and bases, buffers, titrations.
Prerequisite: Chem 30 or equivalent, Math 30-1.
Co-requisite: MATH 202 (203 or 212)
Note: For Engineering students.

CHEM 205-3 (BC=4)
(3-1S-3/2) 15 weeks
Introductory University Chemistry II
Titration curves, solubility and complex ion equilibria, entropy and Gibbs energy, chemical kinetics, electrochemistry, bonding and structure.
Prerequisite: CHEM 203.
Co-requisite: MATH 204 or 213.

CHEM 211-3 (BC=4)
(3-1S-3) 15 weeks
Introductory University Chemistry I
Stoichiometry, ideal gases, atomic structure and bonding, thermochemistry, chemical equilibrium, acids and bases, buffers, titrations.
Prerequisite: Chem 30, Math 30-1.

CHEM 212-3 (BC=4)
(3-1S-3) 15 weeks
Introductory University Chemistry II
Titration curves, solubility and complex ion equilibria, entropy and Gibbs energy, chemical kinetics, electrochemistry, bonding and structure.
Prerequisite: CHEM 211.

CHEM 241-3 (BC=4)
(3-0-3) 15 weeks
Introductory Bio-Organic Chemistry
Structures, bonding, functional groups, reactivity, properties, synthesis, biological chemistry, natural occurrence, and uses of hydrocarbons, alcohols, phenols, sulfur and halogen compounds, carbonyl compounds, amines, and carbohydrates.
Prerequisite: Chemistry 30 (minimum 75% strongly recommended).
Note: You can only get credit for one of CHEM 241, 251, and 351.

CHEM 251-3 (BC=4)
(3-1S-3) 15 weeks
Introductory Organic Chemistry I
An introduction to the chemistry of carbon compounds. Nomenclature, physical properties, stereochemistry and reactions of hydro carbons, alcohols, thiols, alkyl halides, ethers and epoxides. Use of organic molecules in industry and biology.
Prerequisite: Chem 30.
Note: Students normally take CHEM 251 after receiving credit in CHEM 211, although CHEM 211 is not a prerequisite. CHEM 352 is a continuation of CHEM 251. You can only get credit for one of CHEM 241 and 251.
Note: This course is restricted to pre-pharmacy students or departmental approval. You will only receive credit for one of CHEM 241, CHEM 251 and CHEM 351.

CHEM 291-3 (BC=3)
(3-0) 15 weeks
Applying Chemistry to Society and the Environment: A Gentle Introduction for Non-Science Majors
Topics will include the chemistry of global warming, depletion of the ozone layer, air and water pollution, alternative fuels, nuclear fission and fusion, nutritional chemistry, illegal drugs and pharmaceuticals, polymers and plastics, superconductors and semiconductors, metal refinement and corrosion, etc..
Prerequisite: Science 30 or equivalent
Note: B.Sc. students cannot take this course for credit.

CHEM 311-3 (BC=4)
(3-0-4) 15 weeks
Quantitative Analysis I
Principles, methods, and experimental applications. Solution l equilibria, titrimetry, volumetric laboratory skills and evaluating experimental data are emphasized. Examples of organic and inorganic analysis.
Prerequisite: CHEM 212.

CHEM 313-3 (BC=4)
(3-0-4) 15 weeks
Quantitative Analysis II
CHEM 311continued. Principles, methods and experimental applications of separation techniques, atomic and molecular spectrometry, electrochemistry, and evaluation of experimental data. Examples of organic and inorganic analysis. Use of analytical literature.
Prerequisite: CHEM 311.

CHEM 351-3 (BC=4)
(3-1S-3) 15 weeks
Organic Chemistry I
An introduction to the chemistry of carbon compounds. The molecular structure, nomenclature, reactions, reaction mechanisms and stereochemistry of hydrocarbons, and some functional groups including haloalkanes, alcohols, thiols, ethers and epoxides. Important organic compounds related to industry, agriculture and everyday use are introduced.
Prerequisites: CHEM 203 or CHEM 211.
Note: You can only get credit for one of CHEM 241, CHEM 251 and CHEM 351.

CHEM 352-3 (BC=4)
(3-1S-3) 15 weeks
Organic Chemistry II
This course is a continuation of CHEM 251 or CHEM 351. Nomenclature, physical properties, stereochemistry, synthesis, and reaction of aldehydes, ketones, carboxylic acids and derivatives, carbohydrates, amino acids, proteins and amines. Chemistry of biomolecules. Use of spectroscopic tools. Industrial, environmental and biological implications.
Prerequisite: CHEM 251 or CHEM 351.

CHEM 370-6 (BC=8)
(3-3) 30 weeks
Elementary Physical Chemistry
Gas laws. The laws of thermodynamics. Calorimetry. Phase equilibria, chemical equilibria, and solution theory. Electrochemistry. Kinetic molecular theory. Chemical kinetics. Catalysis.
Prerequisites: CHEM 212 or equivalent, MATH 204 or equivalent.

Classics

CLAS 209-3 (BC=3)
(3-0) 15 weeks
Early World History I
For description, see under HISTORY courses.

CLAS 320-3 (BC=3)
(3-0) 15 weeks
Roman History
For description, see under HISTORY courses.

Career and Academic Preparation Courses

See page 216.

Communications

Some Communications Studies courses are available through alternate delivery. Correspondence versions of COMM 150 and COMM 254 are available for students in distance delivery programs. On-line versions of COMM 140, COMM 250, COMM 252 and COMM 254 are available for students who have Internet access and who need an alternative to on-campus classes.
Note: Alternate delivery is not available for all courses every year. To enroll in an alternate delivery section, please check the Timetable and select a course designated as "correspondence" or "on-line".

Placement Criteria
Students should refer to their program requirements before selecting a Communications course. Students are advised that they will be required to take the College placement test before registering in COMM 250, 252, 254 or 256. Students who obtain 60% or greater in ELA 30-1 will be exempted from this test. Students who do not achieve a satisfactory mark on this test will be required to complete COMM 150 before entering COMM 250, 252, 254 or 256. As taking COMM 150 may affect timetables established by individual programs, students are strongly advised to take the placement test early in case the preparatory course (COMM 150) is required. Phone the Assessment and Test Centre at 342-3292 to arrange to take the placement test.

Course Equivalencies
For program completion requirements at RDC, COMM 250, 252, 254, and 256 are equivalent to each other. These courses, though equivalent at RDC, may not transfer to other institutions in the same way. Please see an academic advisor for more information on specific transferability of all COMM courses.

COMM 140-3 (BC=3)
(3-0) 15 weeks
Fundamentals of Workplace Communications
Introduction to written and oral communications with an emphasis on grammar, basic sentence structure, short business correspondence, and an introduction to effective oral communication, with the public, in the workplace.
COMM 140 is not accepted as a prerequisite for COMM 200 level courses.

COMM 150-3 (BC=3)
(3-0) 15 weeks
Fundamentals of College and Workplace Writing
Practice in fundamental writing skills with an emphasis on grammar, basic business correspondence, and short reports for business or college. COMM 150 is accepted as a prerequisite for COMM 200 level courses.

COMM 191-3 (BC=3)
(3-0) 15 weeks
Oral Communications
Theory and practice in interpersonal communications for the workplace. Students will consider such issues as perception, listening, non-verbal communications, conflict resolution, self-disclosure, and the nature of groups while developing skills related to interviewing, participating in meetings, working effectively with a team, and informative and persuasive public speaking.
Note: Not eligible for challenge.

COMM 250-3 (BC=3)
(3-0) 15 weeks
Business and Workplace Writing
Theory and practice in composition to prepare students for academic and professional work in business and office environments. Emphasis will be on mechanics, style, tone and organization of communications including research reports, memos, letters, business proposals and resumes.
Prerequisite: Placement criteria must be met (see above).

COMM 252-3 (BC=3)
(3-0) 15 weeks
Technical and Scientific Writing
Theory and practice in composition to prepare students for academic and professional work in scientific and technological fields. Emphasis will be on mechanics, style, tone and organization of communications including abstracts, reports, research projects, letters and resumes.
Prerequisite: Placement criteria must be met (see above).

COMM 254-3 (BC=3)
(3-0) 15 weeks
Human Services Writing
Theory and practice in composition to prepare students for academic and professional work in human services. Emphasis on the effective use of mechanics, style, tone and organization of communications. Applications include critical reading, objective observation, secondary research, and collaborative writing.
Prerequisite: Placement criteria must be met (see above).

COMM 256-3 (BC=3)
(3-0) 15 weeks
Writing Skills for the Fine Arts
Theory and practice in composition to prepare students for academic and professional work in the cultural arts. Students will analyze and interpret texts as well as produce clear, well-structured, and mechanically sound compositions.
Prerequisite: Placement criteria must be met (see above).

COMM 271-3 (BC=3)
(3-0) 15 weeks
Introduction to Communications Studies
This course provides an overview of the development and key theoretical areas within the field of Communications Studies, with focus on how communication can serve as an agent of social and cultural change. Major topics to be studied include language, rhetoric, mass media, cultural studies, interpersonal and oral communication, and organizational communication.
Prerequisite: ELA 30-1.

COMM 294-3 (BC=3)
(3-0) 15 weeks
Group Communication
Theory and practice of communication in small groups. Interpersonal communication, group dynamics, meetings, making decisions, solving problems, resolving conflict, leadership, and team building.
Note: Not eligible for challenge.

COMM 341-3 (BC=3)
(3-0) 16 weeks
New Media, Technology, and Society
A study of the implications of information technology for political, social and economic organization, individual psychology, and concepts of knowledge. Historical, ethical and legal implications will be discussed. Note: This course assumes only very basic familiarity with computers at the "user" level. Familiarization with more advanced applications will be provided as required.
Prerequisite: ELA 30-1 or equivalent.

COMM 351-3 (BC=3)
(3-0) 15 weeks
Visual Culture
Students in this course will examine contemporary western visual culture, as it is constituted by visual modes of communication. Through analysis of images in art, print advertising, documentary photography, and a range of television, video, and film genres, students will investigate the relation of cultural practices, ideologies and institutions to the production and reception of visual messages.
Prerequisite: ELA 30-1 or equivalent.

COMM 361-3 (BC=3)
(3-0) 15 weeks
Communicating Through Speech and Writing
This course focuses on helping students communicate more effectively through their writing and speaking. Students will examine classical and contemporary rhetoric to gain an appreciation of the history and theory of the rhetorical tradition. Students will also put theory into practice through construction of essays and speeches.
Prerequisite: ELA 30-1.
Note: Students cannot receive credit for both COMM 361 & COMM 369.

COMM 369-3 (BC=3)
(3-0) 15 weeks
Classical Persuasion
Understand how the ideas of Aristotle and other theorists apply to your work and the media by learning effective persuasion, audience and situational analysis, rhetorical theory, and ethics. Discuss current events; apply classic techniques to improve written and oral arguments; and, critically evaluate texts like news articles, videos, and essays.
Prerequisite or Co-Requisite: COMM 271
Note: Students cannot receive credit for both COMM 361 & COMM 369.

COMM 371-3 (BC=3)
(3-0) 15 weeks
Critical Media Studies
Analyze everyday media like advertising, television, film, videogames, and magazines. Use interpretative tools such as psychoanalysis, Marxism, gender and queer theory to learn how media change our lives, what makes a book or TV show a success, what forces affect the images surrounding us, and what makes Canadian media unique.
Prerequisite: COMM 271.
Note: Students cannot receive credit for both COMM 351 and COMM 371 at RDC.

COMM 375-3 (BC=1)
(3-0) 15 weeks
Mass Communication in Canada
This course examines the role of mass media in Canadian society. We will examine communications media including television, newspapers, magazines, film, books, and new technologies. The course will focus on areas such as the historical development, policies, financial issues, and audience reception of the various media in Canada. Special attention will be given throughout the course on the role of Canadian mass media in a global context, particularly in relation to the United States.
Prerequisite: ELA 30-1.

COMM 381-3 (BC=3)
(3-0) 15 weeks
History of Communication
This course provides an overview of the development of major systems of communication throughout history, in conjunction with the historical and social contexts in which these developments took place and have shifted over time. Focus will be given both to technological advancements and a theoretical understanding of how these advancements have shaped and reflected both society and individuals. A variety of theoretical perspectives on the role of communication in history will be considered.
Prerequisite: ELA 30-1.

COMM 383-3 (BC=3)
(3-0) 15 weeks
Introduction to Public Relations
This course provides an introduction to the theory and practice of Public Relations, with special focus on the Canadian context of public relations. The course will overview the history and development of public relations, the various professional roles and occupations in public relations, and key theories of public relations. Practical applications will include preparation of public relations texts such as press releases, backgrounders, press kits, PR plans and speeches.
Prerequisite: ELA 30-1 or equivalent.

Computing Science

Note: Not all courses listed may be offered. Check Course Timetable for availability.

CMPT 072-1 (BC=1)
Keyboarding I
An introduction to touch keyboarding through the use of a computerized package. A minimum of 20 net words per minute (five errors maximum) is required upon completion. Keyboarding is required as a prerequisite skill for all further RDC computer modules. Exemptions - CTS INF1020 or prior learning recognition.
Note: All relevant CTS modules must have been completed within the past two years.
Note: A minimum grade of 70% in all CTS modules is required.

CMPT 073-1 (BC=1)
Intermediate Keyboarding II
Development of keyboarding skills for those students with a non-clerical career orientation. The emphasis will be on the continued development of speed and accuracy in typing skills.
Prerequisites: CMPT 072 or CTS INF1020.
Exemptions: CTS INF2040 or recognized prior learning experience.
Note: All relevant CTS modules must have been completed within the past two years.
Note: A minimum grade of 70% in all CTS modules is required.

CMPT 076-1 (BC=1)
Presentation/Publishing Software
This module provides self-paced and directed instruction for introductory level skills in presentation and desktop publishing software. Skills to develop presentations in MS PowerPoint and brochures, letterhead or business cards in Publisher will be covered.
Prerequisites: CMPT 083/ CTS INF 2050.
Exemptions: CTS INF2060 or recognized prior learning experience.
Note: All relevant CTS modules must have been completed within the past two years.
Note: A minimum grade of 70% in all CTS modules is required.

CMPT 083-1 (BC=1)
Word Processing I
This module provides instruction for the efficient use of practical word processing skills required to produce a report containing a title page, a bibliography, headers, and page numbering according to a style guide. Use of editing, formatting, and correcting features are required. Choice of working with MSWord or Corel WordPerfect; however, other word processing applications are acceptable for prior learning recognition.
Prerequisites: CMPT 072 or CTS INF1020.
Exemptions: CTS INF2050 or recognized prior learning experience.
Note: All relevant CTS modules must have been completed within the past two years.
Note: A minimum grade of 70% in all CTS modules is required.

CMPT 085-4 (BC=4)
(3-2) 15 weeks
Introduction to Personal Computers
This is a self-directed course covering an introduction to computers, together with word processing, spreadsheet and keyboarding applications. This course will provide students with a basic level of computer literacy. *The course is designed as a self-directed course but a mandatory seminar is required to provide students with support; please register in both the Lecture and Seminar sections of this course.
Prerequisites: None Prior Learning recognition, based on a skills appraisal, is available for students with computer skills but application for PLAR must be completed by the Add/Drop date.

CMPT 086-1 (BC=1)
Spreadsheet Skills 1
This module provides instruction for the efficient use of practical spreadsheet skills required to create a formatted worksheet with mathematical formulas. Use of relative, absolute and mixed cell referencing, of functions, and of graphing tools is required. Excel will be used for this module, however other spreadsheet applications are acceptable for prior learning recognition.
Recommended Prerequisite: CMPT 083 or CTS INF2050.
Exemptions: CTS INF2080 or recognized prior learning experience.
Note: All relevant CTS modules must have been completed within the past two years.
Note: A minimum grade of 70% in all CTS modules is required.

CMPT 096-3 (BC=3)
(2-2) 15 weeks
Introduction to Programming
Introduction to the essential elements of programming including control structures and introductory data structures using the "C++" language.
Note: Any student considering entering Computer Systems Technology should enrol in this course and CMPT 090 if necessary prerequisites are missing.
High School Equivalent: Elementary Programming.
Prerequisite: CMPT 085, consent of a portion of the course. Intended for Department or demonstrated competence students with no computing experience in keyboarding, word processing.

Note: U of A will not grant credit for this spreadsheets, and file management course if credit was first obtained in CMPT through assessment testing 214 or equivalent.

CMPT 110-2* **(BC=2)**
(1-3) 15 weeks
Introductory Computing
Computing theory and application software. CPU and system architecture. Input/output devices. Secondary storage media. Communications. Operating systems. AD converters. Binary theory. Other topics. Lab work focuses on computing solutions to industry-related problems. Statistical analysis of experimental data using DOS. Word processing, spreadsheet and database techniques, and spreadsheet design. Macro programming, data parsing, mathematical functions, and graphing solutions. Strong working knowledge of DOS. Statistical topics of linear regression and correlation using the computer.
Prerequisite: Math 30 (Pure) or Math 30 (Applied).
*Non-traditional course delivery

CMPT 170-3* **(BC=3)**
(3-1.5) 15 weeks
Microcomputer Applications
This is a self-directed course covering an introduction to computers, together with word processing, spreadsheet and educational technologies. This course will provide a basic foundation of computer literacy for the Educational Assistant field.
*The course is designed as a self-directed course but a mandatory seminar is required to provide students with support; please register in both the Lecture and Seminar sections of this course.
Prerequisites: None.
Prior Learning recognition, based on a skills appraisal, is available for students with computer skills but application for PLAR must be completed by the Add/Drop date.

CMPT 201-3 **(BC=4)**
(3-3) 15 weeks
Programming: A Gentle Introduction to Computing
This course provides an overview of computing science concepts for students with little or no programming background. Topics include: representation of data; machine architecture; operating system concepts; properties of algorithms and computational problems; syntax of a high level procedural programming language; basic data types and control structures. Students do introductory programming for a portion of the course. Intended for students with no computing experience.
Note: U of A will not grant credit for this course if credit was first obtained in CMPT 214 or equivalent.

CMPT 214-3 **(BC=4)**
(3-3) 15 weeks
Introduction to Computing Science
Computer architecture, operations and data storage. Machine language and assembler programming. Scientific applications and systems programming in C++. Functions parameter passing and recursion. The programming will progress from the structured perspective to the object oriented paradigm.
Prerequisite: Math 30 (Pure).
Co-requisite: MATH 202 or 203.

CMPT 215-3 **(BC=4)**
(3-3) 15 weeks
Elementary Data Structures
Using a high level language to present and manipulate data structures. Strings, arrays, and linked lists. Stacks, queues, and trees. Uses of data structures.
Prerequisite: CMPT 214 or 351 and consent of the Department.

CMPT 261-3* **(BC=4)**
(3-0-3) 15 weeks
Introduction to Computing
This is a self-directed course covering an introduction to computers, research skills and computer theory, together with word processing and spreadsheet applications. This course will provide a comprehensive foundation of computer literacy in support of university-level study.
*The course is designed as a self-directed course but a mandatory seminar is required to provide students with support; please register in both the Lecture and Seminar sections of this course.
Prerequisites: None.
Prior Learning recognition, based on a skills appraisal, is available for students with computer skills but application for PLAR must be completed by the Add/Drop date.

CMPT 262-3 **(BC=4)**
(3-0-3) 15 weeks
Introduction to Structured Programming
CMPT 261 continued, using a high level language on a personal computer. Program control. Functions and subprograms. Arrays. Manipulating strings. Sequential and random access files. Buttons, windows, dialogue boxes, and menus. Designing userfriendly programs. Non-numerical applications are stressed.
Prerequisite: CMPT 261.
Note: Not open to Bachelor of Science students.

CMPT 272-3 **(BC=3)**
(3-1) 15 weeks
Formal Systems and Logic in Computing Science
Propositional and predicate logic. Boolean algebra and circuit design. Verifying programs and proofs. Formal languages, regular expressions, and finite state machines. Other formal systems useful in Computing Science.
Prerequisite: CMPT 214.
Co-requisite: CMPT 215.

Dance

See listings under "Kinesiology and Sports Studies," page 183.

Drama

DRAM 201-3 **(BC=3)**
(3-0) 15 weeks
Play Analysis
Understanding drama through critical analysis of plays. Using analysis for creative solutions in play productions.

DRAM 202-3 **(BC=3)**
(3-0) 15 weeks
Introduction to Theatre Art
The origins and development of theatre art. Introduction to theatre history and theatre aesthetics.

DRAM 203-3 (BC=3)
(3-0) 15 weeks
Introduction to Dramatic Movement
Releasing, developing, and expanding physical resources basic to movement in acting. Developing body awareness.

DRAM 204-1 (BC=1)
(2-1) 15 weeks
Singing for the Stage
Developing the voice through choral singing and coaching. Vocal range, technique, and musicality.
Note: Open to Theatre Studies Acting students only.

DRAM 249-3 (BC=3)
(1-5) 15 weeks
Introduction to Dramatic Process
Improvising speech and movement, with emphasis on imaginative development. The process of acting and dramatic form. Developing communication skills. Not accepted for credit in the Theatre Studies Program. Not available to students with credit in DRAM 350.

DRAM 301-1 (BC=1)
(0-3)
Production Workshop I
Student initiated project work involving theatre production or theatre related research.
Note: Open to all students, subject to approval of the Theatre Studies Department.

DRAM 321-3 (BC=3)
(1-3) 15 weeks
Creative Drama
Use of dramatic technique in a variety of group projects to develop self-expression. This course will serve leaders and teachers at all levels. Former experience in theatre is not required.

DRAM 347-3 (BC=3)
(2-2.5) 15 weeks
Introduction to Oral Communication
Freeing the natural voice. Developing body awareness related to the voice: breathing, resonance, projection, articulation, and range. Exploring basic techniques of oral communication and interpretation, drawing from various forms of literature.

DRAM 350-3 (BC=4)
(3-3) 15 weeks
Introduction to Acting
The process of acting and dramatic form through dramatic improvisation. Formerly DRAM 251.

DRAM 353-3 (BC=3)
(1-5) 15 weeks
Scene Study I
The study of acting, including analyzing and enacting scripted scenes and characterization.
Prerequisite: DRAM 249 or 350 or 321 or consent of the Department.

DRAM 383-3 (BC=4)
(3-3) 15 weeks
Introduction to Directing
Fundamentals of directing through practical exercises.
Prerequisite: DRAM 353 or THTR 141 and consent of the Department.

DRAM 483-2 (BC-2)
(0-6) 15 weeks
Advanced Directing
Develop the director's creative use of the elements of directing.
Prerequisite: DRAM 383.

Early Learning & Child Care

(These courses are intended for Early Childhood Development students, but can be taken by other students with consent of the Chair). With the exception of practicum courses, all ELCC courses can be taken in any sequence.

ELCC 201-3 (BC=3)
(3-0) 15 weeks
Foundations of Early Learning & Child Care
The characteristics and roles of Early Childhood professionals in various program settings. Recent positions and issues on "qualit y " in child care. Routines and transitions. Health, nutrition, and safety information and implications for practice. Anti-bias curriculum.

ELCC 206-3 (BC=3)
(3-0) 15 weeks
Child Development & Exceptionalities
Physical, cognitive, moral, creative, and social emotional development of children ages five through eight. Attitudes, trends, and issues in providing services to children with special needs. Overview of basic types of exceptionality.

ELCC 210-4 (BC=4)
(200 hours) Includes 15 hours seminar
Practicum I
Practical experience with young children in community programs.
Part time students must complete ELCC 210 between the fourth to seventh course.
Consent of the chair is required for atypical registration requests.
Note: This course will be evaluated using a credit (pass)/non-credit (fail) grading system.
Note: May be eligible for challenge.

ELCC 211-3 (BC=3)
(3-0) 15 weeks
Child Development
Exploration of developmental theories. Methods of observing and recording children's behavior. Study of prenatal development. Physical, cognitive, moral, creative, and social emotional development of infants, toddlers, and preschoolers.

ELCC 212-3 (BC=3)
(3-0) 15 weeks
Program Planning I
Play theories and issues. Understanding the role of play in children's development, and the role of adults in guiding and providing play experiences. Planning for sensory play, art play, and appropriate infant/toddler developmental experiences.
Note: These courses can be taken in any sequence.

ELCC 213-3 (BC=3)
(3-0) 15 weeks
Interpersonal Relations I
Self understanding and self acceptance as the basis of a professional's ability to understand and value others. Gaining knowledge of self and communication theories and skills.

ELCC 215-3 (BC=3)
(3-0) 15 weeks
Program Planning II
Understanding dramatic play and emergent literacy development. Planning socio. dramatic experiences. Identifying quality children's literature. Sharing stories with children. Fostering language development in young children.
Note: These courses can be taken in any sequence.

ELCC 217-3 (BC=3)
(3-0) 15 weeks
Guiding Behavior
Understanding and fostering self-esteem in young children. Practical information on appropriate strategies to help develop children's social-emotional behavior using a "guidance" app roach. Establishing partnerships between families and early childhood professionals.

ELCC 218-3 (BC=3)
(3-0) 15 weeks
Program Planning III
Planning for play (including environments & schedules) and group times. Exploration of physical, construction, block, woodworking, manipulative, and outdoor play.
Introduction to music and song.
Note: These courses can be taken in any sequence.

ELCC 220-4 (BC=4)
(200 hours) Includes 15 hours seminar
Practicum II
Practical experience with young children in community programs, extending the objectives of ELCC 210. Part time students must complete ELCC 220 between the seventh and tenth courses. Consent of the chair is required for atypical registration requests.
Prerequisite: ELCC 210.
Note: This course will be evaluated using a credit (pass)/non-credit (fail) grading system.
Note: May be eligible for challenge Year 2
With the exception of practicum courses, all ELCC courses can be taken in any sequence.

ELCC 305-3 (BC=3)
(3-0) 15 weeks
School Age Care
Child care, developmental needs, and appropriate interactions with children age six through age twelve. Regulations and administration of school age care programs. Providing quality experiences for children in school age programs. Course content presented on-line. This is an option course, and students are required to take one of the three ELCC options provided OR one other option approved by the chair. This course is open to unclassified students.

ELCC 308-3 (BC=3)
(3-0) 15 weeks
Family Support
The nature of family support work. Early intervention for at-risk families. Strategies and techniques for supporting families. Establishing helping relationships. Content presented on-line. This is an option course and students are required to take one of the three ELCC options provided OR one other option approved by the chair.
Prerequisite: ELCC 321 recommended. ELCC Certificate or consent of department.

ELCC 309-3 (BC=3)
(3-0) 15 weeks
Aboriginal Children and Families
Focus on past traditions and contemporary issues facing Aboriginal children, families and communities. Emphasis on deepening knowledge and enhancing skills for education, caring and working in partnership with Aboriginal people. Course content presented on-line. This is an option course and students are required to take one of the three ELCC options provided OR one other option approved by the chair. This course is open to unclassified students.

ELCC 310-5 (BC=5)
(200-250 hours)
Includes 15 hours seminar
Practicum III
Practical experience with young children in a diverse range of community programs, extending the objectives of first year practicums. Part-time students must complete ELCC 310 between the fourth and seventh courses. Consent of the chair is required for atypical registration requests.
Note: This course will be evaluated using a credit (pass)/non-credit (fail) grading system.
Prerequisite: ELCC Certificate or consent of department.
Note: May be eligible for challenge.

ELCC 313-3 (BC=3)
(3-0) 15 weeks
Interpersonal Relations II
Developing skills that will help in relating to others more effectively: self-esteem, conflict resolution, assertiveness, support skills, team skills, etc. Strategies for applying these skills in working with children, families and colleagues.
Prerequisite: ELCC Certificate or consent of department.

ELCC 314-3 (BC=3)
(3-0) 15 weeks
Children in Society
Exploration of social, economic, religious, and educational systems and their impact on families in Alberta, Canada, and the world. Social, historical, and theoretical influences on child care. Focus on supporting families, professional advocacy, and on program planning that meets diverse needs.
Prerequisite: ELCC Certificate or consent of department.

ELCC 315-3 (BC=3)
(3-0) 15 weeks
Program Administration
Roles and functions of program administrators, coordinators, and home visitors in management and administration, program policies and procedural guidelines, record keeping and information systems, financial management and administration, and staff supports for operating day cares, nursery schools, and family day home programs in Alberta. Course content presented on-line.
Prerequisite: ELCC Certificate or consent of the department.

ELCC 317-3 (BC=3)
(3-0) 15 weeks
Program Planning V
Expanding experiences in early childhood art, music, creative dramatics, and group times. Planning appropriate environments and experiences for fostering literacy development.
Prerequisite: ELCC Certificate or consent of department.
Note: These courses can be taken in any sequence.

ELCC 320-5 (BC=5)
(200-250 hours)
Includes 15 hours seminar
Practicum IV
Practical experience with young children in a diverse range of community programs, extending the objectives of prerequisite ELCC 310. Part-time students must complete ELCC 320 between the seventh and tenth courses. Consent of the chair is required for atypical registration requests.
Prerequisite: ELCC 310.
Note: This course will be evaluated using a credit (pass)/non-credit (fail) grading system.
Note: May be eligible for challenge.

ELCC 321-3 (BC=3)
(3-0) 15 weeks
Family Studies
The family as an integral institution in society. Various family forms, and the specific organization, functions, dynamics, and influences on individual family members. Focus is on the stresses facing contemporary families, and especially their impact on children.
Prerequisite: ELCC Certificate or consent of department.

ELCC 323-3 (BC=3)
(3-0) 15 weeks
Program Planning IV
Program planning in diverse early childhood settings. Includes planning math, science, and technological experiences. Parent and community involvement. Record keeping, child assessment, program evaluation.
Prerequisite: ELCC Certificate or consent of department.
Note: These courses can be taken in any sequence.

ELCC 325-3 (BC=3)
(3-0) 15 weeks
Children With Special Needs
Care and education of children with special needs in inclusive environments. Exploration of both developmental and behavioral program strategies to deal with children's exceptionalities. Emphasis on team planning with families and professionals.
Prerequisite: ELCC Certificate or consent of department.

Economics

Note : Not all courses listed may be offered. Check Course Timetable for availability.

ECON 100-3 (BC=3)
(3-0) 15 weeks
Introduction to Business Microeconomics
Terminology, concepts, theory, methods, and limitations of current microeconomic analysis. Analyzing and understanding economics as it relates to individuals and businesses. How political, social, and market forces determine and affect the Canadian economy. Credit will not be granted for both ECON 100 and 201.

ECON 101-3 (BC=3)
(3-0) 15 weeks
Introduction to Business Macroeconomics
Terminology, concepts, and theory used to understand, analyse, and evaluate the overall performance of an economy. Defining and using economic indicators. Canadian banking system. Inflation and unemployment. Monetary and fiscal policy. Foreign control. Economic growth. International trade.
Credit will not be granted for both ECON 101 and 202.

ECON 201-3 (BC=3)
(3-0) 15 weeks
Introduction to Microeconomics
Scarcity and choice. Methods used in economic science. Specialization, markets, and exchange. Supply and demand. Roles of consumers, firms, and resource owners in competitive and monopolistic markets. International trade. Government intervention. Emphasis is on Canadian problems, issues, policies, and institutions. Credit will not be granted for both ECON 100 and 201.
Note: It is recommended that you have Grade 12 level Math or equivalent as background.

ECON 202-3 (BC=3)
(3-0) 15 weeks
Introduction to Macroeconomics
Defining and measuring aggregate economic variables. National income and monetary theory. Government monetary and fiscal policies. Unemployment and inflation. Exchange rates and balance of payment. Emphasis is on the Canadian economy.
Prerequisite: ECON 201 Credit will not be granted for both ECON 101 and 202.
Note: It is recommended that you have Grade 12 level Math or equivalent as background.

ECON 323-3 (BC=3)
(3-0) 15 weeks
International Economics
Emphasis is on basic international trade theories and policies. Gains from exchange and specialization. International factor movements. Theory of tariff and non-tariff barriers. Exchange rates. Balance of payments. International debt.
Prerequisite: ECON 201 and 202.

ECON 331-3 (BC=3)
(3-0) 15 weeks
Labour Economics
Using microeconomic principles to analyze the labour market. The scope will include theory, empirical evidence, and policy issues. Emphasis is on the Canadian economy. Labour supply and labour demand. Equilibrium wages and employment levels in both competitive and non-competitive labour markets. Wage differentials, unions, and discrimination.
Prerequisite: ECON 201.

ECON 337-3 (BC=3)
(3-0) 15 weeks
Development Economics
An introduction to the economic development process in developing nations. Analysis will include explanations for underdevelopment and examination of issues such as poverty, employment, income distribution, population growth, human capital, savings and investment, trade, foreign aid, and the role of markets and governments.
Prerequisite: ECON 100/101 or ECON 201/202, or consent of the Department.

ECON 341-3 (BC=3)
(3-0) 15 weeks
Money and Banking
Nature and functions of money. Money creation. Financial markets and financial intermediation. Industrial structure and regulation in Canadian banking. Elementary monetary theory. Central banking and monetary policy. International finance.
Prerequisite: ECON 100/101 or ECON 201/202, or consent of the Department.

ECON 355-3 (BC=3)
(3-0) 15 weeks
Sports Economics
Economic analysis of sports, with emphasis on professional team sports. Topics include demand for sports, the economic structure of leagues, winning and profitability, franchise values, pay and performance, free agency, arbitration, and discrimination. Policy issues such as competition law and government subsidies will also be considered.
Prerequisite: ECON 201.

ECON 373-3 (BC=3)
(3-0) 15 weeks
Industrial Organization
Basic theory of industrial organization economics, based on the analysis of market structure, conduct, and performance. Emphasis is on aspects of Canadian industry and competition policy. Concepts of market structure. The meaning and measurement of monopoly power. Competition. Barriers to entry. Product differentiation. Economies of scale. Oligopoly. Collusion. Advertising. Organization of the firm.
Prerequisite: ECON 201.

ECON 381-3 (BC=3)
(3-1) 15 weeks
Intermediate Microeconomic Theory
Theory of consumer behaviour. Theory of production and cost. Determining price and output under competition, monopoly, and other market structures.
Prerequisite: Math 30 (Pure), ECON 201.

ECON 382-3 (BC=3)
(3-1) 15 weeks
Intermediate Macroeconomic Theory
Determination of income, employment, prices, interest rates, exchange rates and balance of payments. Impact of supply shocks, fiscal policy and monetary policy.
Prerequisite: Math 30 (Pure), ECON 201 and 202.

Education

(These courses are intended for Education students.)

EDCM 341-3 (BC=3)
(3-0) 15 weeks
Communication in the Classroom
By focussing on your interpersonal skills, this course examines communication in the classroom. Students will practice and improve these skills through presentations, small group work, role playing, and communication exercises.

EDCT 410-3 (BC=3)
(3-0) 45 hrs; 2 weeks
Welding Level 1 CTS Teacher Education
This course is designed to meet the needs of teachers within the education program who do not have a Trades credential (journeyperson) and who would like to build skills necessary to teach in a Career and Technology Studies (CTS) welding shop setting. The course addresses specific CTS content using Apprenticeship Individual Learning modules (ILMs). The focus is on developing applicable welding skills, developing knowledge and skills re safety guidelines and regulations, and the development and assessment of projects suitable for shop use.
Note: Credit will be granted for post Bachelor of Education students only.

EDCT 411-3 (BC=3)
(3-0) 45 hrs; 2 weeks
Welding Level 2 CTS Teacher Education
This course builds on the skills and knowledge developed in Welding Level 1.
Prerequisite: EDCT 310.
Note: Credit will be granted for post Bachelor of Education students only.

EDCT 420-3 (BC=3)
(3-0) 45 hrs; 2 weeks
Carpentry Level 1 CTS Teacher Education
This course is designed to meet the needs of teachers within the education program who do not have a Trades credential (journeyperson) and who would like to build skills necessary to teach in a Career and Technology Studies (CTS) carpentry shop setting. The course addresses specific CTS content using Apprenticeship Individual Learning modules (ILMs). The focus is on developing applicable carpentry skills, developing knowledge and skills re safety guidelines and regulations, and the development and assessment of projects suitable for shop use.
Note: Credit will be granted for post Bachelor of Education students only.

EDCT 421-3 (BC=3)
(3-0) 45 hrs; 2 weeks
Carpentry Level 2 CTS Teacher Education
This course builds on the skills and knowledge developed in Carpentry Level 1.
Prerequisite: EDCT 320.
Note: Credit will be granted for post Bachelor of Education students only.

EDCT 430-3 (BC=3)
(3-0) 45 hrs; 2 weeks
Automotive Service Level 1 CTS Teacher Education
This course is designed to meet the needs of teachers who do not have a Trades credential (journeyperson) and who would like to build skills necessary to teach in a Career and Technology Studies (CTS) automotive shop setting. The course addresses specific CTS content using Apprenticeship Individual Learning modules (ILMs). The focus is on learning how to teach in a shop environment, developing applicable automotive service skills, developing knowledge and skills re safety guidelines and regulations.

In addition there is a focus on the development and assessment of projects suitable for shop use.
Note: Credit will be granted for post Bachelor of Education students only.

EDCT 435-1 (BC=1)
(1-0) 8 weeks
Safety and Building Materials
Learn how Fire Safety, WHMIS, Occupational Health and Safety regulations and safe work practices affect the worksite. Understand uses and types of ladders, scaffolding systems and rigging methods used in construction. Examine construction materials available including solid woods, manufactured products, and concrete. Demonstrate methods for joining, gluing and fastening.

EDCT 440-4 (BC=4)
(4-0) 8 weeks
Hand and Power Tools
Identify and demonstrate the safe use of hand tools, portable power tools, stationary power tools, pneumatic and fuel powered tools and power actuated tools. Construct projects in a shop setting using a variety of wooodworking machinery, tools and materials.

EDCT 445-2 (BC=2)
(2-0) 8 weeks
Site Preparation, Building Layout and Foundations
Examine the processes required to prepare a site for development. Identify the tools and equipment used to prepare the site. Identify the differences in conventional and alternate foundations. Demonstrate the layout methods of formwork construction, reinforcement requirements and preparation for and placing of concrete for footings, walls and slabs.

EDCT 450-1 (BC=1)
(1-0) 8 weeks
Floor Frame
Discover the types of forces affecting buildings and how to design and construct to counteract them. Learn the components used and methods employed to design and build a floor system with appropriate support mechanisms that will perform well, safely and be accommodating of other services required by other trades.

EDCT 455-3 (BC=3)
(3-0) 8 weeks
Estimating and Plans I
Learn and apply the basic math calculations used in Carpentry. Develop technical Carpentry drawing and sketching skills using basic drawing instruments to complete formal drawings, shop drawings and sketches. Examine the paper language used to create working drawings and use this information to navigate a variety of blueprints.

EDCT 460-3 (BC=3)
(0-3) 8 weeks
Projects I
Build on knowledge attained from the technical information and practice skills by measuring, laying out, cutting, shaping and fastening a variety of projects made from hardwoods, softwoods and manufactured products using woodworking tools and machines in a shop or worksite setting.

EDCT 465-5 (BC=5)
(320 hours) 8 weeks
Practicum I
Participate in an off-campus practicum with a provincial journeyperson to further develop the first period apprenticeship technical knowledge learned by working on a worksite(s) with a company that specializes in foundations and/or floor framing and gain experience with various tools, machinery and equipment. Credit or No Credit.

EDCT 470-2 (BC=2)
(2-0) 8 weeks
Frame Structures
Examine the technical terminology, load designs, types of wall systems, ceiling joists and materials used for framing structures in light construction. Examine how to design, layout, assemble wall systems in safe, efficient and effective ways while interpreting working drawings and code requirements.

EDCT 475-3 (BC=3)
(3-0) 8 weeks
Residential Roofs
Explore the variety of roof systems used in light construction, terminology, examine the effects of loads and forces on the structure, how to calculate, layout, cut and erect components for gable, hip and intersecting roofs and trusses safely and to code requirements.

EDCT 480-2 (BC=2)
(2-0) 8 weeks
Interior and Exterior Finishes
Explore the variety of Window and door types, installation procedures and related hardware. Examine the various exterior finishes for light construction including flashings, materials used, barriers and their preparation and installation procedures.

EDCT 485-2 (BC=2)
(2-0) 8 weeks
Wood Stairs
Learn about the different types of stairs, and their uses in light construction. Examine code requirements, design implications and construction techniques for straight, single and multi-flight stairs and various stringer designs.

EDCT 456-3 (BC=3)
(3-0) 8 weeks
Estimating and Plans II
Apply math concepts learned in period one to perform calculations including material takeoffs, spacing calculations, rough opening locations plus roof and stair calculations., Develop plueprint reading and drawing skills to better interpret blueprints, plan navigation techniques, information generation for different trades, estimating materials and connections to building codes.

EDCT 461-2 (BC=2)
(0-2) 8 weeks
Projects II
Build on knowledge attained from the technical information and practice skills gained in period one to plan, develop, create various projects in a shop setting that will reinforce learning and build the skill required in Carpentry.

EDCT 466-16 (BC=16)
(960 hours) 24 weeks
Practicum II
Participate in an off-campus practicum with a provincial journeyperson to further develop the first period apprenticeship technical knowledge learned by working on a worksite(s) with a company that preferably specializes is framing houses and gain experience with various tools, machinery and equipment. Credit or No Credit

EDFN 201-3 (BC=3)
(3-0) 15 weeks
Introduction to Canadian Education
An introductory course that explores both historical and contemporary issues in education. Students will become aware of the factors that have shaped and are shaping Alberta's public education system. This course helps students to develop the basic skills and knowledge that will enable them to become effective classroom teachers.
Note: This course is not transferrable to U of A. **

EDFN 341-3 (BC=3)
(3-0) 15 weeks
Concepts of Childhood in the History of Education
A study of those views of childhood which have exerted a significant influence on educational theory and practice from antiquity to today.

EDFX 203-3 (BC=4)
(45 hours lecture, 60 hours fieldwork) 15 weeks
Education Field Experience
An introduction to the profession of teaching through observation and interaction with professional teachers and students. Learn educational topics and discuss field experiences. Course grading is credit/no credit requiring students to plan and schedule up to 6 hours per week in local schools in addition to attending the in-class seminar.
Note: Credit cannot be received for EDFX 203 and EDUC 250 or any equivalent.

EDIT 302-3 (BC=4)
(3-3) 15 weeks
Introduction to Educational Technology
Examine frameworks, trends, issues and futuristic scenarios regarding the role of technology in education. Gain hands-on experience using technology with emphasis on strategies to integrate technology into the curriculum.
Prerequisite: EDUC 250 or permission of the department.
Note: Credit cannot be received for both EDPY 302 and EDIT 302.

EDPY 200-3 (BC=3)
(3-0) 15 weeks
Educational Psychology
This course deals with the teaching-learning process and student behaviour. It includes theory research and illustrations all dealing with classroom applications of psychological principles. Topics will include the development of the student in the cognitive moral gender psycho-social and sexual domains theories of cognition learning and motivation.

EDUC 250-3 (BC=3)
(3-0) 15 weeks
The Context of Education
Examine the different contexts of professional practice including the complex social relationships that exist among educators as professionals and learners as participants in educational institutions. It is recommended that learners complete this course within the first year of the program.
Note: Credit cannot be received for both EDFX 203 and EDUC 250 or any equivalent.

EDUC 251-3 (BC=3)
(3-0) 15 weeks
Aboriginal Education and the Context of Professional Engagement
Pre-service teachers will continue to develop knowledge of Aboriginal peoples' histories, educational experiences, knowledge systems, ways of knowing and being and will further undestand the implications of this knowledge to professional roles and obligations for teachers. Engagement in learning processes of self-and-other awareness, supported by Aboriginal educators, Faculty and Elders.
Prerequisite: EDUC 250.
Note: This prerequisite does not apply to Elementary and Secondary After Degree students.

EDUC 310-3 (BC=3)
(3-0) 15 weeks
Introduction to Curriculum Studies
Field of inquiry unique to Education. Considers mandated programs of study, theories, practices, and implications of teaching and learning.
Prerequisites: One of EDCM 341, EDFN 341, EDFX 203, EDIT 302, EDPY 200, EDUC 250, FAM 322 or FAM 315.

EDUC 320-3 (BC=3)
(3-0) 15 weeks
Media, Culture, and Curriculum
Principles, perspectives, and practices for future teachers. Implications for childhood and adolescence, literacy, learning, critical thinking, creativity, gender, identit y, politics.
Prerequisites: One of EDCM 341, EDFN 341, EDFX 203, EDIT 302, EDPY 200, EDUC 250, FAM 322, or FAM 315.

Educational Assistant

Note: Not all courses listed may be offered. Check Course Timetable for availability.

EDAS 111-3 (BC=3)
(3-0) 15 weeks
Role of the Assistant
Clarification of the roles of the teacher and the educational assistant. Topics include code of conduct, job descriptions, tasks, Alber ta Teachers' Association policies, classroom management techniques and positive school climate.

EDAS 114-3 (BC=3)
(140 hours) 4 full weeks
Field Experience
Working as an educational assistant for four full weeks. Includes a seminar component. Scheduled after all coursework is complete.
Prerequisite: All compulsory course work.

EDAS 116-3 (BC=3)
(3-0) 15 weeks
Human Relations
Developing and increasing your understanding of self and others. Interpersonal skills required in supportive roles as a para-professional.

EDAS 151-3 (BC=3)
(3-0) 15 weeks
History & Trends in Exceptionalities
Attitudes toward and services provided to persons with disabilities throughout history. Current trends and issues in special education. Laws relating to persons with disabilities in the U.S. and Canada, and Alberta in particular.

EDAS 152-3 (BC=3)
(3-0) 15 weeks
Overview of Exceptionalities
This course examines definitions, classification schemes, prevalence, causes, psychological and behavioural characteristics, and introduces educational considerations covering a wide range of exceptionalities.
Prerequisite or Corequisite: EDAS 151 or consent of the Department.

EDAS 153-3 (BC=3)
(3-0) 15 weeks
Fostering Positive Behaviour
Students will review both learning and behaviour management philosophies in order to build a repertoire of effective techniques and strategies that fosters positive behaviour change in the classroom.
Prerequisite: EDAS 151 and EDAS 111.
Co-requisite: EDAS 152 or consent of the Department.

EDAS 156-3 (BC=3)
(3-0) 15 weeks
Visual Impairment
This course examines issues and techniques involved in teaching persons with visual impairment. Definitions, classification schemes, measurement, prevalence, causes, psychological and behavioural characteristics and basic teaching techniques are reviewed.
Prerequisite: EDAS 111 and EDAS 152 or consent of the Department.

EDAS 157-3 (BC=3)
(3-0) 15 weeks
Physical Disabilities
Issues and techniques involved in teaching persons with physical disabilities. Common physical disabilities. Related materials and equipment.
Prerequisite: EDAS 111 and EDAS 152 or consent of the Department.

EDAS 158-3 (BC=3)
(3-0) 15 weeks
Communication Disorders
Issues and techniques involved in teaching students with communication disorders. Speech development, identifying disorders and the role of the educational assistant.
Prerequisite: EDAS 111 and EDAS 152 or consent of the Department.

EDAS 159-3 (BC=3)
(3-0) 15 weeks
Hearing Impairment
This course examines issues and techniques involved in teaching persons with hearing impairment. Definitions, classification schemes, measurement, prevalence, causes, psychological and behavioral characteristics and basic teaching techniques are reviewed.
Prerequisite: EDAS 111 and EDAS 152 or consent of the Department.

EDAS 160-3 (BC=3)
(3-0) 15 weeks
Assisting the Language Learning Teacher
Effective teaching strategies for language arts. Topics include learning theory, early literacy intervention, comprehension and decoding strategies, the writing process and writing analysis with an emphasis on assisting students in improving their reading and writing skills.

EDAS 161-3 (BC=3)
(3-0) 15 weeks
Assisting the Math Teacher
Mathematical concepts taught at the elementar y school level. Teaching techniques for the mathematics classroom. Designing learning activities to improve children's understanding of math.

EDAS 163-1 (BC=1)
(3-0) 5 weeks
Supporting Students with Anxiety Disorders
This course explores the most common anxiety disorders with an emphasis on strategies and practices that assist and support these students in the classroom and with their peers.
Prerequisite: EDAS 111 and 152 or consent of department.

EDAS 164-1 (BC=1)
(3-0) 5 weeks
Supporting Students with Mental Health Concerns
This course explores the most common mental health disorders with an emphasis on strategies and practices that assist and support these students in the classroom and with their peers.
Prerequisite: EDAS 111 and 152 or consent of department.

EDAS 165-1 (BC=1)
(3-0) 5 weeks
Supporting Students with Disruptive Behaviour Disorders
This course explores some of the more common behaviour disorders with an emphasis on developing strategies that assist students in areas of communication, behaviour and social interaction in the classroom.
Prerequisite: EDAS 111 and 152 or consent of department.

EDAS 166-1 (BC=1)
(3-0) 5 weeks
Supporting Students with Autism
Learners explore the characteristics of classic Autism with an emphasis on building communication, social and behaviour strategies for use in the classroom and other inclusive settings.
Prerequisite: EDAS 111 and 152 or consent of department.

EDAS 167-1 (BC=1)
(3-0) 5 weeks
Supporting Students with Asperger's Syndrome
In this course we explore the common characteristics of Asperger's syndrome with an emphasis on teaching strategies that encourage positive communication, social and behaviour skills for students in the classroom and other inclusive settings.
Prerequisite: EDAS 111 and 152 or consent of department.

EDAS 168-1 (BC=1)
(3-0) 5 weeks
Supporting Students with Classic Autism
Explore the characteristics that are used to differentiate classifications other than Autism and Asperger 's Syndr ome . Investigate a variety of communication, social and behavioural strategies for use in the classroom and other inclusive settings.
Prerequisite: EDAS 111 and 152 or consent of department.

EDAS 181-4 (BC=4)
15 hours seminar, 156 hours fieldwork 15 weeks
Field Practice
Working under a co-operating supervisor in an educational setting. Taking part in a regularly scheduled seminar to discuss field practice.
Prerequisite: EDAS 111, EDAS 160 and EDAS 116
Pre/Co-requisites: EDAS 161 and EDAS 152.

Electrical Engineering Technology

EET 100-2 (BC=2)
(2-0-0) 15 weeks
Project Management
Covers the project management process, the role of the project manager, how projects help organizations achieve their objectives, organizational structure of projects, management of projects, and how to use project management software.

EET 105-4 (BC=5)
(4-0-2) 15 weeks
Physics and DC Analysis
Explore multi-dimensional engineering problems in kinematics, Newton's laws, circular motion, torque, electromagnetic and mechanical waves, conservation laws and steady state linear circuits.
Corequisite: EET 120.

EET 110-3 (BC=4)
(3-0-2) 15 weeks
AC Analysis
Analyze the response of electrical circuits and networks when driven by single and multiple alternating current (AC) sources.
Prerequisites: EET 105 and GET 110.

EET 115-3 (BC=3)
(3-0-1) 15 weeks
DC Machines
Explore the physical laws underlying the operation of direct current motors and generators. Examine their construction, characteristics, control, and applications. Draw and interpret wiring diagrams related to their control. Construct circuits using actual machines in the lab to examine their operations.
Prerequisites: EET 105 and GET 110.

EET 120-3 (BC=3)
(3-0-2) 15 weeks
Applied Electronics
Develop an understanding of semiconductor circuits built from components such as diodes, transistors , operational amplifiers, silicon controlled rectifiers, triacs, diacs, photo devices and electronic transducers.
Corequisites: EET 110.

EET 125-3 (BC=3)
(3-0-1) 15 weeks
Electrical Systems Design I
Design electrical systems for small industrial, residential, and commercial buildings using Canadian Electrical Code. Size and specify electrical service, feeders, and overcurrent protection using minimum code and engineering requirements. Apply computer aided drafting to produce electrical drawings.
Prerequisites: GET 110.

EET 130-2 (BC=3)
(2-0-2) 15 weeks
Microcontroller Applications II
Implement microprocessor-based control systems commonly found in robotics and instrumentation utilizing knowledge of microcontroller architecture and instruction sets, interfacing techniques, high level programming languages and multitasking.
Prerequisites: GET 110 and GET 125.

EET 200-3 (BC=3)
(3-0-1) 15 weeks
AC Machines
Examine the underlying principles, construction, control, and performance characteristics of transformers; single-phase and three-phase alternating current motors and generators. Analyze losses and efficiency. Determine developed speed and torque. Use laboratory equipment to conduct experiments and test the theory.
Prerequisites: EET 110.
Corequisite: EET 210.

EET 205-3 (BC=3)
(3-0-1) 15 weeks
Programmable Controllers
Examine the roles, functions, hardware, software, programming, and interfacing of Programmable Logic Controllers (PLCs) in a production environment. Learn about digital logic concepts and PLC ladder logic. Write basic programs and create program documentation.
Prerequisites: GET 125.
Corequisite: EET 220.

EET 210-3 (BC=3)
(3-0-1) 15 weeks
Power Systems
Explore the main components of a complex power system from generation to consumption. Analyze faults and determine fault currents using symmetrical components, MVA-base, and per-unit methods. Use the latest software to design and test power systems.
Prerequisites: EET 110 and EET 115.
Corequisites: EET 200.

EET 215-2 (BC=2)
(2-0-2) 15 weeks
Power Electronics
Learn about polyphase rectification, AC inverters, open and closed loop systems, AC motor variable frequency controllers, DC solid-state controllers, reflected waves and power quality.
Prerequisite: EET 120.

EET 220-4 (BC=4)
(4-0-1) 15 weeks
Control and Instrumentation
Examine the principles and practices used in the design and application of common industrial process control components and systems including open and closed loop systems, feedback design principles of electronic, pneumatic and hydraulic devices, signal converters, power amplifiers and control valve specification and sizing.
Prerequisites: GET 115 and EET 110.
Corequisites: EET 205.

EET 225-3 (BC=3)
(3-0-1) 15 weeks
Electrical Systems Design II
Explore the electrical design of industrial plants and motor control centers. Specify, size, and produce schematic drawings for control of industrial loads. Examine substation wirings, equipment, and grounding. Apply appropriate power factor correction techniques and devices.
Prerequisites: EET 210.

EET 230-3 (BC=3)
(3-0-1) 15 weeks
SCADA and HMI
Learn about the main concepts, communication protocols, software, hardware, and interface technology used by industrial networks in monitoring, data collection, and control of industrial processes. Examine the graphical representation of the process data to human operators.
Corequisite: EET 235.

EET 235-3 (BC=3)
(3-0-1) 15 weeks
Industrial Networks
Examine networks and data communications, describe data and signals, modulation, media (wired and wireless), connectivity devices, multiplexing, error correction and detection, network architectures and the operations and protocols of the Internet.
Prerequisites: EET 205.
Corequisite: EET 230.

EET 240-3 (BC=3)
(2-0-2) 15 weeks
Forensic Engineering
Employ scientific and engineering investigation methods and tools to assess potential sources, causes and solutions for prevention of failure due to natural accidents, fire, high and low speed impacts, design defects, improper selection of materials, manufacturing defects, improper service conditions, inadequate maintenance and human error.
Prerequisites: EET 110.

EET 245-3 (BC=3)
(3-0) 15 weeks
Topic in Emerging Technologies
Examine newer technologies in the electrical, electronic and instrumentation fields. Specific topics will vary from year to year and may include alternative energy sources, swarm robotics, neuroprosthetics and nanotechnology applications.
Prerequisite: Successful completion of all courses in Term 3 or permission of the Department.
Note: This course is not eligible for Prior Learning and Recognition.

EET 246-3 (BC=3)
(3-1) 15 weeks
Topic in Instrumentation
Considers subjects of increasing importance in modern control systems. Specific topics will vary from year to year and may include artificial intelligence and robotics, signal processing, satellite communication, remote sensing and fuzzy logic.
Prerequisite: Successful completion of all courses in Term 3 or permission of the Department.
Note: This course is not eligible for Prior Learning and Recognition.

EET 247-3 (BC=3)
(3-1) 15 weeks
Topic in Power Systems
Cover advanced material related to Power Systems. Specific topics will vary from year to year and may include transmission and distribution modelling, forecasting and decision theory.
Prerequisite: Successful completion of all courses in Term 3 or permission of the Department.
Note: This course is not eligible for Prior Learning and Recognition.

EET 250-1 (BC=1)
(1-0-0) 15 weeks
EET Capstone Project I
Perform preliminary research and prepare a proposal for an Electrical Engineering Technology project to be completed in GET 201.
Prerequisites: Completion of all first year courses or permission of the department.
Not eligible for Prior Learning and Recognition.

EET 251-3 (BC=3)
(3-0-0) 15 weeks
EET Capstone Project II
This course, along with Capstone Project I, consists of researching and compiling a technical report on a topic that will incorporate the skill set of an Electrical Engineering Technology graduate. Progress reports occur at regular intervals. Presentations are scheduled for end of the semester.
Prerequisites: EET 251.
Not eligible for Prior Learning and Recognition.

Engineering

Note: Not all courses listed may be offered. Check Course Timetable for availability.

ENCP 200-3 (BC=3)
(3-0-1.5) 15 weeks
Computer Programming for Engineers
Fundamentals of computer programming with emphasis on solving engineering problems. Programming in a high level language. Selection and loop structures, routines, arrays and record types, text file operation, pointers.
Prerequisite: Consent of the Department.

ENGG 200-2 (BC=2)
(2-0-0) 15 weeks
Orientation to the Engineering Profession
Development and history of the engineering profession. Branches of engineering. Engineering roles in various branches. Includes presentations from engineers in different branches. Several written assignments will form the basis for an assessment of your report writing abilities.
Note: This course will be repeated for credit in 2nd term.
Note: Open to Engineering students only.

ENGG 205-3 (BC=4)
(3-2.5) 15 weeks
Engineering Mechanics I
Statics: Force vectors; equilibrium of particles in two and three dimensions; force system resultants; equilibrium of a rigid body in two and three dimensions; trusses; frames, machines and beams. Dynamics: Kinematics and kinetics of particles.

ENGG 230-3 (BC=4)
(3-1-2) 15 weeks
Engineering Statics
Equilibrium of planar systems. Particle and rigid-body equilibrium. Reduction of a simple distributed loading. Structural analysis, planar trusses and frames. Internal forces. Centre of gravity and centroid. Friction. Moment of inertia.
Co-requisite: MATH 212.
Note: Open to Engineering students only.

ENGG 251-3 (BC=3)
(1-4.5) 15 weeks
Design and Communication I
The principles of engineering design, engineering graphics and written communication learned within a hands-on project-based experience for engineering students. Safety in the laboratory; working in a team environment; core skills for engineering students; process of engineering design; graphical communication: theory of projection, multi-view representations, descriptive geometry, sketching, information for manufacturing; written communication: style, format, organization, preparation and presentation skills. Real-life examples of design and engineering practice across all disciplines. Core competencies will be learned primarily within the context of team-based design projects.

ENGG 253-3 (BC=3)
(1-4.5) 15 weeks
Design and Communication II
A continuation of Engineering 251. Students will perform more advanced team-based projects that integrate mathematical, scientific and engineering knowledge and skills. Issues that play critical roles in engineering design will be introduced, such as project management, societal and environmental awareness, health and safety, design for safety, sustainable development, information access, etc.

ENPH 231-3 (BC=4)
(3-1S-3/2)
Engineering Dynamics
Kinematics and dynamics of particle. Work and energy methods. Impulse and angular momentum. Introduction to kinematics and dynamics of rigid bodies.
Prerequisite: MATH 212.
Note: Open to Engineering students only

English

Note: Not all courses listed may be offered. Check Course Timetable for availability.

ENGL 050-5 (BC=5)
(4-2S) 15 weeks
Basic English
See "Career and Academic Preparation Courses," page 217.

ENGL 075-5 (BC=5)
(5-0) 15 weeks
Reading and Composition
See "Career and Academic Preparation Courses," page 217.

ENGL 090-5 (BC=5)
(5-0) 15 weeks
Practical Writing and Literature
See "Career and Academic Preparation Courses," page 217.

ENGL 095-5 (BC=5)
(5-0) 15 weeks
Literature and Composition
See "Career and Academic Preparation Courses," page 217.

First-Year University Transfer English Courses
Red Deer College offers university transfer English courses at the 200 level. These are usually prerequisites for 300-level English courses and for more advanced work in English. The overall objective for all 200-level courses is to develop critical reading skills and composition skills at the university level. Class discussions and instruction in composing academic essays will be combined with practice in critical analysis and self-expression.

ENGL 219-3 (BC=3)
(3-0) 15 weeks
Essay Composition and Critical Reading
The focus is on formal preparation for university level essay writing and the skills related to critical reading, interpretation, and argument.
Prerequisite: ELA 30-1 or 095.
Note: Credit will not be granted for both ENGL 219 and ENGL 210.

ENGL 220-3 (BC=3)
(3-0) 15 weeks
Literary Analysis
The course explores a range of literary genres while continuing to focus on deepening the required structural and critical skills related to thinking and writing about literature.
Prerequisite: ENGL 219.

Second-Year University Transfer English Courses
These courses are open to students who have completed two term-courses or one full-year course in English at the 200 level, or who have the instructor's permission. These courses may be taken to meet specific program requirements, to serve as elective credits (options) in a program, and to lead to more advanced work in English studies. If you wish to major in English or pursue an Honours English program, consult the appropriate university calendars before choosing 300-level courses.

ENGL 302-6 (BC=6)
(3-0) 30 weeks
Introduction to Contemporary Theoretical Practices
This course will study the major schools of contemporary literary theory, comparing their principles and methods to changing definitions of literature, testing their claims and uses against differing values of readers. Theoretical debate and practical analysis combine in this course to train the student as a polemical literary critic. Selected readings represent Gender, Post-Colonial, New Historical, Feminist, Marxist, Psychoanalytic, Structuralist, Reader-Response, and Formalist criticism.
Prerequisite: 6 credits of 200 Level English.

ENGL 305-3 (BC=3)
(3-0) 15 weeks
The Development of Children's Literature
Providing historical background to current concepts of children's literature, the course examines the evolution of children's literature, its trends and themes, as well as contemporary children's literature. A short time is spent considering what childhood is, so as to understand some of the childhood responses to literature. The course then attempts to answer the question: "What is Children's Literature?"
Prerequisite: 6 credits of 200 Level English.

ENGL 306-3 (BC=3)
(3-0) 15 weeks
Folklore in Children's Literature
This course offers a study of oral materials drawn into English literature from a range of cultural traditions. These include myths (mainly Greek, Norse, and North American Indian), folk-tales (Perrault, Grimm, Andersen, and others), and legends. Ballads, stories in song and verse, and lore in rhyme are studied. Common themes and theories on the origin and evolution of folklore are discussed. Modern folklore (such as fantasy and science fiction) is related to folklore of the past. The emphasis is on the place of folklore in children's literature.
Prerequisite: 6 credits of 200 Level English.

ENGL 309-6 (BC=6)
(3-0) 30 weeks
Expository Writing
The purpose of this course is to increase your ability to write clear expository prose. Models of prose style will be studied and used in frequent writing practice.
Prerequisite: 6 credits of 200 Level English.

ENGL 311-3 (BC=3)
(3-0) 15 weeks
Early Canadian Literature
A critical and historical study of the literature of English speaking Canada from its beginnings to 1959.
Prerequisites: 6 credits of 200 level English.
Note: Students who have taken ENGL 382 or U of C ENGL 471 cannot take this course for credit.

ENGL 312-3 (BC=3)
(3-0) 15 weeks
Modern and Contemporary Canadian Literature
A critical and historical study of the literature of English speaking Canada from 1959 to the present.
Prerequisites: 6 credits of 200 level English.
Note: Students who have taken ENGL 382 or U of C ENGL 471 cannot take this course for credit cannot take this course for credit

ENGL 330-3 (BC=3)
(3-0) 15 weeks
Early English Renaissance
The literature of the later Tudor period is studied, with emphasis on the early years of Elizabeth's reign. Writers include More, Elyot, Hoby, Wyatt, Surrey, Sidney, Spenser, Marlow, Drayton, Shakespeare, and others.
Prerequisite: 6 credits of 200 Level English

ENGL 331-3 (BC=3)
(3-0) 15 weeks
Later English Renaissance
Prose and poetry from approximately 1600.1650 are studied. Poetry includes works by Donne, Herbert, Vaughn, Jonson, Marvell, Milton, and others. Prose includes readings from Bacon, Donne, Burton, Bunyan, and others.
Prerequisite: 6 credits of 200 Level English.

ENGL 340-6 (BC=6)
(3-0) 30 weeks
Foundations: Literature in English from the Middle Ages to the Present
An historical survey of representative literature in English from the Middle Ages to the present.
Note: Not to be taken by students with credit in ENGL 200 or ENGL 304.
Prerequisite: ENGL 219 and ENGL 220.

ENGL 341-3 (BC=3)
(3-0) 15 weeks
The Augustan Age
Major literary works of the Augustan period are examined, as well as the natural and moral philosophy of the time. Emphasis is placed on the satirical works of Swift and Pope, but a representative sampling of the works of other men and women writers of the period will be considered.
Prerequisite: 6 credits of 200 Level English.

ENGL 343-3 (BC=3)
(3-0) 15 weeks
The Age of Johnson
A complement to ENGL 341, this course deals with the major literary works of the second half of the 18th century. Although the course centres on the works of Samuel Johnson, important works by other men and women writers of the period will also be studied.
Prerequisite: 6 credits of 200 Level English.

ENGL 345-3 (BC=3)
(3-0) 15 weeks
The British Romantic Period
This course deals primarily with the major Romantic poets, but other writers of the period will be considered. The main focus is on the poetry and its revolutionary or prophetic concerns. Also considered are the radical changes in morals, lifestyles, social attitudes, and mythological patterns of the Romantic period.
Prerequisite: 6 credits of 200 Level English.

ENGL 347-3 (BC=3)
(3-0) 15 weeks
The Victorian Period
Victorian England (1837-1901) became the centre of a cultural, political, and commercial empire, leading the world into a modern era of urban and industrial development. This course divides the period into early, middle, and late phases, studying how its literature responds to social change.
Prerequisite: 6 credits of 200 Level English.

ENGL 351-3 (BC=3)
(3-0) 15 weeks
Poetry Reading and Analysis
The focus of this course is on developing skills of careful reading and analysis of poetry, with attention to the relationship between poetic form and meaning.
Prerequisite: 6 credits of 200 Level English.

ENGL 357-6 (BC=6)
(3-0) 30 weeks
The English Novel
This course examines key works in the development of the English novel from the 18th to the early 20th century. The course covers the history of the genre, the techniques of the novel, and works by such authors as Defoe, Richardson, Fielding, Goldsmith, Walpole, Austen, Dickens, Eliot, Bronte, and Hardy.
Prerequisite: 6 credits of 200 Level English.

ENGL 361-3 (BC=3)
(3-0) 15 weeks
Early 20th Century British Novel
The radical changes in morals, lifestyles, social attitudes, and political concerns of the early 20th century are reflected in the lives and writings of British prose writers of this period. In addition to examining novels by a variety of writers, we will consider the influence that other artists, philosophers, and politicians had on the literature of this period. (Recommended to be followed by ENGL 368.)
Prerequisite: 6 credits of 200 Level English.

ENGL 366-3 (BC=3)
(3-0) 15 weeks
The Short Story
This course examines representative works of short fiction illustrating the tradition of the short story in English. The course will sample contemporary experiments in the short story form and introduce a technical vocabulary appropriate to the study of narrative.
Prerequisite: 6 credits of 200 Level English.

ENGL 368-3 (BC=3)
(3-0) 15 weeks
Later 20th Century British Novel
The Modern period is marked by a wide range of literary forms, styles, and content pioneered by the writers of the first quarter of this century. This course focuses on the main writers of the next 30-40 years, whose works illustrate the ever-expanding scope of the Modern novel. These works also show how changes in morals, social values, political structures, and technology were altering the artist's reaction to his/her new role in the world. (Recommended to be preceded by ENGL 361.)
Prerequisite: 6 credits of 200 Level English.

ENGL 371-3 (BC=3)
(3-0) 15 weeks
Topic in Canadian Literature
The focus will vary from year to year, but possible topic areas include literature of a specific Canadian region, genre, or theme (for example, Canadian Prairie Writing, Contemporary Canadian Women's Writing, The Canadian Long Poem, Canadian Gothic).
Prerequisite: 6 credits of 200 Level English.
Note: You cannot have credit in both ENGL 371 and 382

ENGL 373-6 (BC=6)
(3-0) 30 weeks
American Literature to 1900
This course examines American literature from the period of the first settlements in the early 1600's, but concentrating on the 19th century. As America emerged from its colonial status into nationhood, there developed a desire to construct a canon of distinctively American literature; this course discusses the body of work that constitutes this canon and also interrogates the canon, giving some attention to writers tradionally omitted.
Prerequisite: 6 credits of 200 Level English.

ENGL 376-3 (BC=3)
(3-0) 15 weeks
Introduction to Creative Writing: Fiction
This course provides instruction and practice in the foundations of writing literary fiction. Writing exercises will focus on word play, developing evocative language, the need for technically accurate and credible dialogue, identifying and mastering various narrative shifts such as exposition and Free Indirect Discourse, and understanding the necessity for tension and conflict, characterization, and plot. Considerable time will be spent reading and studying peer work and existing examples of excellent writing. It does not provide instruction in writing formulaic or non.fiction. Participation in the workshop environment is essential. A strong academic average in writing-based courses is strongly recommended.
Prerequisite: 6 credits of 200 Level English.

ENGL 377-3 (BC=3)
(3-0) 15 weeks
Introduction to Creative Writing: Poetry
This course is conducted as a seminar. Models of excellent writing are used as a basis for classroom discussion. This includes works from the 20th century as well as students' own works. You will be expected to hand in creative work and a set exercise every week. This is not a composition course. It deals with practical problems of creative writing, such as style, techniques, poetic forms, and the role of the literary artist. You should have a good academic average, although you need not have been published.
Prerequisite: 6 credits of 200 Level English.

ENGL 378-3 (BC=3)
(3-0) 15 weeks
Intermediate Creative Writing: Fiction
This course will build on the foundation acquired in ENGL 376, with an emphasis on wider practice of narrative skills. Attention will shift from exercises dedicated to particular aspects of narrative form to the integration of these elements in completed short fiction. Considerable reading and studying of existing models of excellent writing are required. Participation in the workshop environment is essential.
Prerequisite: Minimum Grade of B in ENGL 376 or Consent of Department.

ENGL 379-3 (BC=3)
(3-0) 15 weeks
Intermediate Creative Writing: Poetry
ENGL 377 is continued, with basically the same objectives and assignments. This course concentrates more on your own creative work and less on special exercises. Open to students who have done well in ENGL 377.
Prerequisite: 6 credits of 200 Level English and ENGL 377.

ENGL 383-6 (BC=6)
(3-0) 30 weeks
American Literature from 1900
The major American writers of the 20th century have created a literature that profoundly expresses the nature of existence in the modern world. This course surveys the diversity of literary expression in representative works of fiction, poetry, and drama of the period.
Prerequisite: 6 credits of 200 Level English.

ENGL 385-3 (BC=3)
(3-0) 15 weeks
First Nations Literature
The emphasis will be on modern and contemporary First Nations writing in Canada, though earlier works and some American First Nations writing will be introduced. Also considered will be the oral tradition and literary, cultural, and political issues related to course material.
Prerequisite: 6 credits of 200 Level English.

ENGL 387-3 (BC=3)
(3-0) 15 weeks
Topic in Literature and Society
Although the specific topic will vary from year to year, this course investigates the conjunction of literature, culture, and social issues, examining historical, social, economic, political, and gender determinants that intersect within individual works. Specific topics may include Literature and Science, Literature and Health Care, or Literature and Religion.
Prerequisite: 6 credits of 200 Level English.
Note: This course may be repeated for credit.

ENGL 389-3 (BC=3)
(3-0) 15 weeks
Topic in Women's Writing
Although the specific topic will vary from year to year, this course will examine writing by women in ways that are informed by theoretical ap p r oaches to w omen's literature. Topics may focus on a specific time period, genre, geographic region, or theme (such as Women's Writing to 1900, Women Novelists in Britain, Representations of Gender).
Prerequisite: 6 credits of 200 Level English.
Note: This course may be repeated for credit.

ENGL 391-3 (BC=3)
(3-0) 15 weeks
Topic In International Literature
The focus of this course, while its content will vary from year to year, will be on literature written in English outside of Canada, Great Britain, and the United States. Students may study work from a particular geographic region - e.g., Africa, the Indian Subcontinent, the Caribbean, Australasia - or they may study particular issues in the field of post-colonial literature.
Prerequisite: 6 credits of 200 Level English.
Note: This course may be repeated for credit.

ENGL 392-6 (BC=6)
(3-0) 30 weeks
International English Literature
The focus of the course will be on literatures written in English outside of Canada, Great Britain, and the United States, encompassing representative works from several areas such as Africa, Australasia, the Caribbean, and the Indian subcontinent.
Prerequisite: 6 credits of 200 Level English.

ENGL 393-3 (BC=3)
(3-0) 15 weeks
Science Fiction
This course will study the features and history of the science fiction genre through the study of representative works.
Prerequisite: 6 credits of 200 Level English.

ENGL 395-3 (BC=3)
(3-0) 15 weeks
Topic in Shakespeare
This course examines a representative sampling of Shakespeare's plays, focusing on a particular group of plays, or a particular dominant theme or concern. The course will attempt to ask pertinent questions about some of Shakespeare's major interests, and to investigate his development as a dramatist. Various critical approaches to the plays will be discussed.
Prerequisite: 6 credits of 200 Level English.
Note: Not to be taken by students with credit in ENGL 332. This course may be repeated for credit.

ENGL 399-3 (BC=3)
(3-0) 15 weeks
Detective Fiction
This course will study the genre of detective fiction using representative works from the nineteenth and twentieth centuries. We will explore detective fiction's history, ideas, and relation to both popular and literary culture.
Prerequisite: 6 credits of 200 Level English.

Family Studies

FAM 315-3 (BC=3)
(3-0) 15 weeks
Relationship Development
The study of the nature of intimate relationships in friendship, marriage and family. Teaching and classroom implications will be considered.

FAM 322-3 (BC=3)
(3-0) 15 weeks
Human Sexuality
An inquiry into the nature of sexual behaviour, its personal and cultural sources and its personal, familial, societal and educational implications. The focus of this class is to prepare future teachers to instruct sexuality education curriculum and to provide background knowledge which will help teachers understand children's growth and development as it pertains to human sexuality.

Film

FILM 201-3 (BC=4)
(3-2) 15 weeks
Introduction to Film: Film Art
This introductory film art course surveys the formal development and production value of cinema, providing a basic knowledge of genre, form, style, and theory based on the close study of selected titles from the silent era to the present day. Its mandate is to theorize film production and analyze film reception within a technical and aesthetic framework.
Co-requisite: 6 credits of 200 Level English.

FILM 202-3 (BC=4)
(3-2) 15 weeks
Introduction to Film: Film History
This introductory film course surveys the historical development and social value of cinema, providing a basic knowledge of national schools, production eras, and ideological trends based on the close study of selected titles from the silent era to the present day. Its mandate is to theorize film production and analyze film reception within a historical and cultural framework.
Co-requisite: 6 credits of 200 Level English.

FILM 301-3 (BC=4)
(3-2) 15 weeks
Topic in Film Genre
This course provides students with an overview of the style, narrative patterns, historical evolution, and cultural mythologies of a selected film genre, such as the musical, the western, horror, or children's film
Prerequisites: FILM 201 or 202; 6 credits of 200 Level English; or consent of the department.

French

Note: 100-level language courses are intended for students with little or no background in the language. Students who have high school matriculation in the language, or who are taking a 100-level course to meet a university's matriculation requirements, may be denied transfer credit. Check the Transfer Guide and with the university.
Note: Not all courses listed may be offered. Check Course Timetable for availability.

FREN 101-3 (BC=4)
(4-1) 15 weeks
Beginners' French
For students without any French or with French 10. Comprehension, speaking, reading, and writing. The oral aspect of the language is stressed in class.

FREN 102-3 (BC=4)
(4-1) 15 weeks
Beginners' French II
For students who have taken French 20 or FREN 101. The oral aspect of the language is stressed in class. The course will prepare you for university-level courses
Prerequisite: French 20 or FREN 101 or equivalent or consent of the Department.

FREN 202-3 (BC=4)
(4-1) 15 weeks
Intermediate French I
Spoken and written French, including grammar, composition, literature, and conversation. The literature includes works of modern authors.
Prerequisite: French 30, FREN 102 or equivalent.

FREN 203-3 (BC=4)
(4-1) 15 weeks
Intermediate French II
A continuation of FREN 202. Further development of spoken and written French, including grammar, composition, literature and conversation. The literature includes works of modern authors.
Prerequisite: FREN 202, Francais 30 or equivalent.
Note: Students presenting French Language Arts 30 or Francais 30 may apply for advanced placement directly into French 203. Those wanting credit for French 202 may apply to challenge the course; in that case the challenge must be completed before starting FREN 203. Those presenting IB French HL or SL with a grade of 6 or higher will receive credit as per page 35.

FREN 302-3 (BC=4)
(4-0) 15 weeks
Advanced French I
To further develop written and oral skills learned in FREN 202-203 or an equivalent, with an emphasis on presentation grammar, composition and literary elements. Conversation activities are included in the course
Prerequisite: FREN 200, FREN 203 or equivalent.

FREN 303-3 (BC=4)
(4-0) 15 weeks
Advanced French II
A continuation of FREN 302. Further development of reading, written and oral skills with an emphasis on presentation grammar, composition and literary analysis. Conversation activities are included in the course.
Prerequisite: FREN 302.

FREN 353-3 (BC=3)
(3-0) 15 weeks
Introduction to French Canadian Literature
Literary expression in French Canada, from its origins to the present time. A historical approach.
Prerequisite: FREN 200 or FREN 203 or consent of the Department.

FREN 354-3 (BC=3)
(3-0) 15 weeks
Introduction to French Canadian Literature
Continuation and complement to FREN 353. A textual approach with emphasis on the problems of literary analyses.
Prerequisite: FREN 200 or FREN 203 or consent of the Department.

General Engineering Technology

(open to Engineering Technology students only)

GET 100-2 (BC=2)
(2-0-0) 15 weeks
Professional Practice
Explore major topics related to the Engineering Technology profession including its history in North America and Europe, the role of the technologist, public and workplace safety, ethical and legal issues and principles of sustainability, industrial hygiene, time management and study skills, career paths and professional development.

GET 105-3 (BC=3)
(3-1-0) 15 weeks
Engineering Communications
Use industry standard software tools to collect, summarize and organize data in order to aid in critical decision making processes. Employ professional presentation and communication skills to exchange data and information in a variety of ways.

GET 110-3 (BC=3)
(3-1-1) 15 weeks
Math and Differential Calculus
Apply the fundamental principles and operations of algebra, geometry, trigonometry, nonlinear equations, systems of equations using matrices and determinants and differential calculus by using real life examples and systems.

GET 115-3 (BC=3)
(3-1-1) 15 weeks
Advanced Calculus
Extend the understanding of calculus to include integration techniques and applications, differential equations, Maclaurin and trigonometric Fourier series, Laplace transforms and inverse Laplace transforms.
Prerequisites: GET 110.

GET 120-2 (BC=2)
(2-0-0) 15 weeks
Statistics
Examine the main concepts and techniques of statistical theory and their application to process control, quality assurance, data collection, summarization, and presentation. Probability distributions, point and interval estimation, hypothesis testing, correlation, regression analysis, quality control and control charts will also be covered.

GET 125-2 (BC=2)
(2-1-1) 15 weeks
Microcontroller Applications I
Develop C programming skills by learning fundamental concepts such as data types, decision making, loops and recursion, functions and subroutines, software libraries, debugging methods, structured design, documentation and the software life cycle using microcontrollers.

Genetics

GENE 370-3 (BC=3)
(3-0) 15 weeks
Foundations of Molecular Genetics
A detailed look at the genetics of microorganisms. Experiments on bacteria and viruses are used to examine concepts such as fertility, genetic fine structure, mutagenesus, DNA repair, DNA replication and the control of gene expression.
Prerequisite: BIOL 317.

GENE 375-3 (BC=3)
(3-0) 15 weeks
The Genetics of Higher Organisms
A survey of the principles of genetics of eukaryotes. Gene structure and function. Mendelian genetics. Cytoplasmic inheritance. Cytogenetics. Biochemical genetics. Developmental genetics. Emphasis is on examples from human genetics.
Prerequisite: BIOL 317.

Geography

Note: Not all courses listed may be offered. Check Course Timetable for availability.

GEOG 230-3 (BC=4)
(3-0-2) 15 weeks
Introductory Physical Geography
Geomorphology: the nature and formation of major landform features of the earth's surface. Rock weathering and slope movements; landforms developed by the erosion and deposition processes of rivers, glaciers, winds, waves, and currents. A field trip may be offered. Relevant environmental issues will be addressed.

GEOG 231-3 (BC=4)
(3-0-2) 15 weeks
Introductory Physical Geography II
Atmosphere and biosphere. Physical elements of weather and climate. Causes, changes, and patterns of weather. Climate classification. How climate, soils, and vegetation are interrelated. Relevant environmental issues will be addressed. Note: GEOG 230 does not have to precede GEOG 231.

GEOG 250-3 (BC=3)
(3-0) 15 weeks
Spatial Organization of Human Activity
Introduction to the concepts of relative location, spatial interaction and spatial organization of human activity in both rural and urban settings; geographical theories and techniques.

GEOG 251-3 (BC=3)
(3-0) 15 weeks
Introduction to Cultural Geography
This introductory course will focus on basic concepts in human geography, the human environment, sustainability and development, population dynamics, migration, economic development, settlement patterns, cultural landscapes, the political world, industrialization, transportation, environmental change and other topics of current interest. Based on lectures as well as hands-on class. room assignments, this course will enable students to acquire problem-solving and basic analytical skills widely applied in geography.

GEOG 381-3 (BC=3)
(3-0) 15 weeks
Geography of Canada
The regional geography of Canada. Canada's physical features and how they have affec ted the countr y 's histor y and development. The concept of geographic regions. Patterns and characteristics of these regions, with selected detailed studies. Prerequisite: A previous course in Geography is strongly recommended.

GEOG 382-3 (BC=3)
(3-0) 15 weeks
World Regional Geography
This course is a study of the major world regions. Each region is examined in terms of its distinguishing features as well as its functional connectedness to other regions through processes like globalization. Regional trading blocs, growing environmental issues, access to, and use of resources, diasporas and trans. nationalism,and, increasing developed-developing country disparities are key issues that are addressed within the framework of the 'regional approach' to spatial analysis.

GEOG 393-3 (BC=3)
(3-0) 15 weeks
The Geography of Cities
This introductory course will focus on how cities have evolved as they have, in their spatial and social structure, institutions and attitudes; understanding the historical processes and patterns by which cities have become simultaneously, the products and shapers of economic, social, political and technological change; studying demographic change and its effects on city internal structure and land use patterns; analysing the forces and factors that influence neighbourhood choice and growth; understanding the interrelationship between economic and social change within an urban context; and also comprehending the mechanisms of city systems.

Health Care Aide

HCA 141-3 (BC=3)
(49 class hours/12 lab hours)
Working Safely and Effectively as a HCA
Understanding the role and responsibilities of the Health Care Aide program, relevant legislation, client and workplace safety, focusing on knowledge and skills required to maintain safety for the client and staff member in the care environment.

HCA 142-2 (BC=2)
(19 class hours/6 lab hours)
Communication in a Health Care Environment
Communicate effectively as a member of the health care team. You will learn communication strategies to overcome barriers of sensory loss due to disease and aging.

HCA 143-3 (BC=3)
(36 class hours)
Structure and Function of the Human Body-Health and Chronic Illness
You will gain understanding of the systems of the human body and the impact of developmental stages and chronic conditions.

HCA 144-4 (BC=4)
(34 class hours/31.5 lab hours)
Providing Client Care and Comfort
Develop advanced skills to assist clients with personal grooming and hygiene, and movement.

HCA 145-2 (BC=2)
(11 class hours/25 lab hours)
Meeting Complex Care Needs
Advanced skills for Health Care Aides which support care activities such as: ostomy care, respiratory care, catheter care, measuring vital signs, assisting with specimen collection and assisting with tube feedings.

HCA 146-1 (BC=1)
(6 class hours/12 lab hours)
Assisting with Medication Delivery
Understand the role and responsibility of the Health Care Aide in assisting with the delivery of medication to clients.

HCA 147-3 (BC=3)
(48 class hours)
Special Activities for Diverse Clients
Develop skills for assisting with diverse care needs of clients. Understand care required for clients with a diagnosis of dementia and examine personal feelings and experiences as related to our aging population.

HCA 122-4 (BC=4)
(120 hours clinical practice)
Health Care Aide Supervised Clinical Practice
Clinical practice in the role of the health care aide, super vised by an instructor, in an institutional setting.

HCA 123-3 (BC=3)
(80 hours)
Health Care Aide Preceptored Clinical Practice
Preceptored clinical practice in the role of the health care aide in institutional setting.. Prerequisites: HCA 141, 142, 143, 144, 145, 145, 147 and HCA 122.

HCA 124-6 (BC=6)
(53 class/82 lab)
HCA Theory - CTS Route
Building on learning from the Career and Technology Studies health stream in high school, this course will focus on the role of the Health Care Aide. The course will build on the knowledge and skills needed to assist clients with activities of daily living. Students will have the opportunity to participate in hands on learning in a simulated environment.

History

Note: Not all courses listed may be offered. Check Course Timetable for availability.

CLAS 209-3 (BC=3)
(3-0) 15 weeks
Early World History I
The beginnings of civilization to circa A.D. 600. Special emphasis is placed on Ancient Greek and Roman culture, mythology, religion and history. Students will be introduced to the daily life and historical importance of these two cultures.

CLAS 320-3 (BC=3)
(3-0) 15 weeks
Roman History
The study of late Republican Rome and the Imperial period, using Roman Historians of the time as source material.

HIST 207-3 (BC=3)
(3-0) 15 weeks
Early Modern World History 1450-1789
Survey of world history from the fall of Constantinople in 1453 to onset of the French Revolution in 1789. Topics may include: Protestantism and religious warfare, changing state and social structures, witchcraft, exploration and European encounters with other continents, and changes to statecraft.

HIST 208-3 (BC=3)
(3-0) 15 weeks
The World Since 1789
Survey of world history since the French Revolution. Topics ma y include industrialization, nationalism and imperialism, the two World Wars, the Russian Revolution, the Cold War, and the march towards globalization.

HIST 209-3 (BC=3)
(3-0) 15 weeks
Pre Modern World History
A history of the world from the sixth century to the mid-fifteenth century. This course deals with the barbarian invasions and the collapse of the classical empires in Europe, China, and India; the expansion of universal religions of Buddhism, Hinduism, Christianity; the birth of Islam and the early Islamic Empires; the Crusades; the Turko-Mongol Empires; the silk routes and the effect of trade and commerce on Europe and Asia, and the origins of European expansion into the rest of the world.

HIST 301-6 (BC=6)
(3-0) 30 weeks
European History Since the Renaissance
A survey of European history from 1500 to the present. Emphasis is on the political, economic, social and cultural development of European civilization as a whole.

HIST 311-6 (BC=6)
(3-0) 30 weeks
International Relations in the 20th Century
The impact of ideologically based foreign policies on international relations since World War I.

HIST 314-3 (BC=3)
(3-0) 15 weeks
Europe in the Era of the World Wars, 1900-1945
An overview and analysis of Europe from the heyday of imperialism at the turn of the twentieth century to the end of World War II. Topics may include social, political, and economic development, the two World Wars and the Great Depression. Recommended preparation: HIST 208.

HIST 315-3 (BC=3)
(3-0) 15 weeks
Europe in the Era of the Cold War, 1942.1991
Europe from World War II to the end of the twentieth century. Topics may include the economic and social reconstruction of Eastern and Western Europe, decolonization, the emergence of two ideological blocs, political, cultural, and social changes, the warming of international relations, the end of the Cold War in the 1990s, and the uncertainty that followed. Recommended preparation: HIST 208.

HIST 320-3 (BC=3)
(3-0-0) 15 weeks
Europe in the Eighteenth Century: The Age of Enlightenment
An examination of social, cultural, intellectual, and political history of Europe in the eighteenth centur y. Topics may include: warfare, the Enlightenment, challenges to the old regimes, the French Revolution; and European based Empires. Students with credit in HIST 301 cannot take this course for credit.

HIST 321-3 (BC=3)
(3-0-0) 15 weeks
Europe in the Nineteenth Century: The Age of Ideologies and Revolution
An examination of social, political, cultural, and intellectual history of nineteenth-century Europe. Topics may include: the emergence of new ideologies; the age of revolutions; Napoleonic France; rise of nationalism; and colonial warfare. Students with credit in HIST 301 cannot take this course for credit.

HIST 325-3 (BC=3)
(3-0) 15 weeks
Science and Religion from 1500 to the Present
A survey of the interaction between science and religion from the Scientific Revolution to contemporary issues. Topics may include: reactions to Copernican astronlmy, Isaac Newto n's religion belief s, Darsinian Evolution, Creationism, the Big Bang, the human soul, and extraterrestrial inspired religions.

HIST 327-3 (BC=3)
(3-0) 15 weeks
The European Witch Craze
A history of the intellectual, cultural, social, and theological origins, development, and decline of witchcraft in early-modern Europe. This course will be a combination of lectures and discussions.

HIST 330-3 (BC=3)
(3-0) 15 weeks
History of Health and Healing
Survey of health traditions around the world in historical times. Spiritualistic and scholarly healing traditions. The transition towards modern ideas about the body and healing, and holism. Relations among healing practitioners. Social, cultural, and political attitudes and practices towards health and healing.

HIST 333-3 (BC=3)
(3-0) 15 weeks
A Social History of England from 1815 to 1914
This course will examine the everyday life of the English people within the context of early industrial society. The course will place specific emphasis on the development of social class and examine how aspects of everyday life contributed to defining these social groups. Special attention will be placed on social legislation, urban and suburbanization, sport and leisure practices, education and literacy, and popular protest and political reform.

HIST 334-3 (BC=3)
(3-0) 15 weeks
A Social History of England from 1918 to the Present
This course will examine the everyday life of the English people within the context of the modern state. The course will place special emphasis on the emergence of a consumer culture, the Welfare State, mass media, and changing class perceptions. Special attention will be placed on popular culture, the relationship to work and leisure, social legislation, political protest and Thatcherism and the New Conservatives.

HIST 349-6 (BC=6)
(3-0) 30 weeks
The British Empire and Commonwealth
The analysis of British Imperialism from the Old to the New Empires to the establishment of the Commonwealth. This course treats imperialism as a dialectic and examines the process from the point of view of both the imperial and host nations. Emphasis is placed on India, the West Indies, North America and Africa. The course is a combination of seminar and lecture.

HIST 351-3 (BC=3)
(3-0-0) 15 weeks
History of the British Empire
INtroduction to the social, intellectual, cultural, and political history of the British Empire from its origins to 1997. Empire will be examined both from a British and colonial perspective. Students with credit in HIST 349 cannot take this course for credit.

HIST 361 (BC=3)
(3-0) 15 weeks
The United States to 1865
Survey of the United States from the first colonial settlements to the end of the Civil War. Topics may include: development of an American identity, the Revolutionary War, the rise of the slave economy in the south, the struggle to define the republic, and the Civil War. Students with credit in HIST 360 cannot take this course for credit.

HIST 362-3 (BC=3)
(3-0) 15 weeks
The United States since 1865
Survey of the United States from the end of the Civil War to the present. Topics may include: the impact of industrialization, imperialism, racial inequalities, World War One and World War Two, youth culture and the 1960s, and the era of the Cold War. Students with credit in HIST 360 cannot take this course for credit.

HIST 372-3 (BC=3)
(3-0) 15 weeks
The Prairie West Since 1870
The Prairie region as part of the Dominion of Canada. The West and Confederation. The impact of the railway. The National Policy. Settlement. Developing a regional identity. Western alienation.

HIST 373-3 (BC=3)
(3-0) 15 weeks
Canadian History to 1867
Canada's colonial era. The discovery and settlement of the regions that would be united in the Dominion of Canada in 1867. The development of social and political institutions. This course and HIST 374 provide a complete survey of Canadian history and a foundation for senior and advanced courses in this field.

HIST 374-3 (BC=3)
(3-0) 15 weeks
A History of the Dominion of Canada
A survey of the efforts to create a nation-state that controlled the northern half of the North American continent. The National Policy. The nature of a Canadian identity. Canada among the community of nations. Threats to the country's survival posed by regionalism, separatism, and the influence of the United States.

HIST 377-3 (BC=3)
(3-0) 15 weeks
20th Century Canada
The impact of industrialization on Canada and Canada's role in international affairs in the 20th century. Canada and the two World Wars. The growth of federal power. Canada as a northern nation. Quebec nationalism. Western alienation.

HIST 379-3 (BC=3)
(3-0) 15 weeks
The First Nations and Canada
The First Nations and their relations to the peoples of European origin who came to live on the territory that is Canada today, and who have reshaped its geography, culture, and governance. Issues may include colonization, the establishment of the treaty system, assimilation policies, and the revival of Aboriginal political awareness. Recommended preparation: 3 credits in Canadian History.

Information Technology

ITEC 100-1 (BC=1)
(1-0) 15 weeks
IT Service Desk
An introduction to the Information Technology Service Desk. Topics include client interaction, e-mail and telephone etiquette, common office productivity software (word processors, spreadsheets, databases), project management software, contact management software, and organizer/scheduling software.

ITEC 105-2 (BC=2)
(2-0) 15 weeks
Discrete Mathematics
Organization of number systems. Develops skills in using and converting number systems. Topics include Boolean algebra and its uses, set theory, logic statements and computer circuitry.

ITEC 110-2 (BC=2)
(3-3) 7.5 weeks
Computer Hardware
Theory, operation, configuration, and troubleshooting of devices associated with desktop and mobile computer systems. Topics include operational theor y of common internal system components and peripheral devices, component research, operating system installation, troubleshooting using diagnostic software, and effective configuration/repair documentation.

ITEC 115-2 (BC=2)
(3-3) 7.5 weeks
Operating Systems
Operational theory of modern computer opera ting sy stems . Topics include operating system architectures, concurrency issues, protection and security fundamentals, investigation of tools and diagnostic services both graphical and command-line based.

ITEC 120-2 (BC=2)
(3-3) 7.5 weeks
Computer Networking
The latest concepts in Local Area Network (LAN) technologies. Comprehensive introduction to networking concepts. Topics include OSI Model and technologies, components, and protocols found in today's LAN environment, effective configuration/ troubleshooting documentation.

ITEC 122-1 (BC=1)
(1.5-1.5) 7.5 weeks
Wireless Technology
Operational theory, configuration and troubleshooting of 802.11 x LAN wireless systems. Topics include wireless protocols and standards, wireless network planning, troubleshooting techniques, signal propagation issues, fundamental understanding and configuration of typical security protocols.
Prerequisite: ITEC 120.

ITEC 124-2 (BC=2)
(3-3) 7.5 weeks
TCP/IP
TCP/IP based networks comprising the TCP/ IP protocol suite. Topics include IP, ICMP, TCP, UDP protocols; IP subnetting, CIDR, overview of application layer protocols, emerging network technologies, design and configuration of a typical LAN, network troubleshooting and protocol analysis.
Prerequisite: ITEC 120.

ITEC 126-1 (BC=1)
(1-0) 15 weeks
VoIP
Voice over IP (VoIP) telephony systems and applications. Topics include VoIP operational theory, protocols and standards, QoS management, comparisons to other telephony technologies, VoIP applications, WAN-based VoIP in tegr ation; int e r-operability with date networks, security issues, design, configuration, troubleshooting of a LAN-based VoIP network system.
Co-requisite: ITEC 124.

ITEC 128-2 (BC=2)
(4-0) 7.5 weeks
Wide Area Networks
Topics related to wide area networking (WAN) including telecommunication infrastructures, frame relay, ISDN, xDSL, and int e rnational and emerging WAN technologies.
Prerequisite: ITEC 124.

ITEC 130-2 (BC=2)
(3-3) 7.5 weeks
Security I
Network security issues, principles, and applications. Topics include threat analysis, security principles and techniques, user/ system authentication, common data encryption techniques, secure network topologies, remote access security, packet analysis, security audits, security reports, ethical hacking techniques, security support research, and security software review.
Prerequisite: ITEC 124.

ITEC 140-2 (BC=2)
(3-3) 7.5 weeks
Desktop Operating Systems
Introduction to various desktop operating systems f ound in today 's net wo rked business environment. A practical course that provides students with experience installing, configuring, optimizing, and troubleshooting various operating systems.
Co-requisite: ITEC 115.

ITEC 145-2 (BC=2)
(3-3) 7.5 weeks
Server Configuration
Planning, configuration, and troubleshooting of server systems. Topics include hardware selection, active directory configuration, managing users/ groups, domain management, configuring DHCP and DNS services, printing support, data backup/recovery procedures, and system diagnostic/recovery tools.
Prerequisite: ITEC 140.

ITEC 150-2 (BC=2)
(3-3) 7.5 weeks
Structured Programming
Software design principles and problem solving using structure programming. Topics include the development of algorithms, the representation of data, the syntax of a high level procedural programming language, basic data types and control structures. Includes coding, compiling, debugging and documenting programs.

ITEC 153-2 (BC=2)
(3-3) 7.5 weeks
Visual Programming
Introduction to developing applications for the Windows environment. Topics include graphical user interfaces, event driven strategies, input validation, file processing, database applications, and using classes. Visual Studio is currently used as the programming tool.
Prerequisite: ITEC 150.

ITEC 156-2 (BC=2)
(3-3) 7.5 weeks
Object Oriented Programming
Includes problem analysis, designing algorithms, and implementing solutions to these problems. Programming topics include object-oriented design, data types and abstraction, classes, method design, interfaces, inheritance, polymorphism, exception handling, user intervaces and recursion.
Prerequisite: ITEC 150.

ITEC 160-2 (BC=2)
(3-3) 7.5 weeks
Web Design
Topics include web page authoring and design techniques using XHTML and Cascading Style Sheets, the design of effective Web pages including page layout, user interface design and graphic design, and using Visual Basic and ASP.Net technologies to construct dynamic web content with the goal of creating a basic e-Commerce web site.
Prerequisite: ITEC 153.

ITEC 163-1 (BC=1)
(3-3) 4 weeks
Web Client
Introduction to client-side programming techniques to develop dynamic web pages. Using JavaScript, the student programs objects, manipulates arrays, handles cookies, and validates web forms. The Document Object Model (DOM) and dynamic HTML (DHTML) is used to manipulate server generated content and enhance the user experience.
Prerequisite: ITEC 160.

ITEC 166-1 (BC=1)
(3-3) 4 weeks
Web Server
Extension of the concepts developed in ITEC 160. Development of server generated web pages and database interaction using open source tools, such as PHP for the server-side programming and MySQL for the database. Real-world projects highlighting good program design to create practical web applications. Set up and maintenance of an open source Apache Web server.
Prerequisite: ITEC 160.

ITEC 170-4 (BC=4)
(3-3) 15 weeks
Systems Analysis and Design
Tools, t echniques, and methods fo r analyzing and designing integrated database systems that solve business problems. Data modeling and object modeling techniques implemented using relational database technology. Introduction of process modeling techniques and joint application design methodologies. Exposure to CASE tools to help in the design and documentation process.

ITEC 175-2 (BC=2)
(3-3) 7.5 weeks
Object-Oriented Analysis and Design
Introduction to the analysis and design of object-oriented applications using the Unified Modeling Language (UML). Students will also construct some of the models that are developed.
Prerequisite: ITEC 156, ITEC 170.

ITEC 180-1 **(BC=1)**
(1-0) 15 weeks
Career Skills
Preparation for field work experience and soft-skills essential for industry employment succ ess. Topics include info rmation technology sectors, emerging trends, soft-skill identification, continuing education strategies, portfolio development, entrepreneur resources, employment search strategies, resume design, and interview skills.

ITEC 190-2 **(BC=2)**
(2-0) 15 weeks
Project
Independent or group projects. Completed with a supervising staff member and involving systems analysis and design, programming or networking and implementation of a solution to a user problem.

ITEC 193-4
(240 hours) 8 weeks
Practicum
Industry-based experience working as a member of an IT department in a development or support role. Includes reporting requirements and evaluation.
Pre/Co-requisite: ITEC 180.

ITEC 196-8 **(BC=6)**
(600 hours) 16 weeks
Work Experience
Paid work experience as a member of an IT department in a development or support role. Includes reporting requirement and evaluation. Course normally taken at completion of first year of studies.
Pre-Co-requisite: ITEC 180.

ITEC 220-2 **(BC=2)**
(3-3) 7.5 weeks
Network Design and Architecture
Topics include hierarchical network design, switch management, VLANs, routing protocols, Layer-3 device management, SNMP deployment, remote network management, traffic analysis, Window/ Unix inter-net working, WAN protocols and infrastructures, network managment software, virtual networking, RFP tendering.
Prerequisite: ITEC 130.

ITEC 230-2 **(BC=2)**
(3-3) 7.5 weeks
Security II
Topics include advanced data encryption techniques, secure network design, SSO authentication, firewall configurations, intrusion detection/prevention systems, remote access authentication, VPNs, security auditing, packet analysis, computer forensics, hardware security appliances, advanced ethical hacking techniques, security software review.
Prerequisite: ITEC 130.

ITEC 241-2 **(BC=2)**
(3-3) 7.5 weeks
Unix Administration
Commands and tools associated with the management of a Unix system. Topics include file system structures, permissions, managing system processes and user accounts, customizing system files, applying system utilities, command line interface operations, DNS, mail, FTP, web servers, and managing, troubleshooting, monitoring network operations.
Prerequisite: ITEC 115.

ITEC 251-1 **(BC=1)**
(3-3) 4 weeks
Data Structures
Further development of the object-oriented programming skills. Topics include organization of data and implementation of common data structures such as lists, stacks, queues and trees, and the relationship between data structures and algorithms.
Prerequisite: ITEC 156.

ITEC 254-1 **(BC=1)**
(3-3) 4 weeks
Advanced Java
Understanding of the complexities inherent in enterprise development and familiarity with technologies, concepts and building blocks of enterprise development. Hands-on experience with concepts associated with Java Interprise API including database connectivity, invoking remote methods and Servlets/JSPs.
Prerequisite: ITEC 156.

ITEC 257-1 **(BC=1)**
(3-3) 4 weeks
Extensible Markup Language
Using the Extensible Markup Language (SML) language to define and produce structured documents that facilitate the exchange of information between different systems. Topics include how to create a well-formed XML document, validating the document against a schema, transforming the document into another document using XSL, and programming against the document using DOM.
Prerequisite: ITEC 163.

ITEC 261-1 **(BC=1)**
(3-3) 4 weeks
Advanced Web Programming
Technologies associated with websites that do more than simply store and retrieve information. Creation of web services and use of AJAX to create the content-rich, interactive web application often associated with Web 2.0 sites, such as social networking web sites. Includes the development of a Web 2.0 project.
Prerequisite: ITEC 257.

ITEC 264-2 **(BC=2)**
(3-3) 7.5 weeks
Mobile Applications
Theoretical foundations of mobile computing systems, wireless networks, and advanced mobile applications. Architectures of mobile distributed computing systems; wireless network classification and management; use of the Internet in mobile computing. Development of mobile applications for devices such as the Tablet PC, PDAs, Smartphones, and mobile phones.
Prerequisite: ITEC 153.

ITEC 267-2 **(BC=2)**
(3-3) 7.5 weeks
Distributed Applications
Implementation of distributed applications using a 3-Tier model. Topics include understanding the roles of the Presentation layer, Business layer and the Data Access layer, and developing distributed applications over LANs and the Internet using .NET Remoting and Web Services.
Prerequisites: ITEC 160, ITEC 175.

ITEC 271-2 (BC=2)
(3-3) 7.5 weeks
Database Server Configuration
Installation, configuration, and management of relational database management software. Topics include role of the administrator, database design, data modeling, data integrity, backup, query optimization, security, server utilities, and client installation.
Prerequisite: ITEC 140.

ITEC 274-2 (BC=2)
(3-3) 7.5 weeks
Structured Query Language
Introduction to the Structured Query Language (SQL). Using SQL statements to retrieve and manipulate information from databases, and to perform database administration tasks. Topics include SQL syntax, queries, joins, views, transactions, indexes, and developing applications that use databases.
Prerequisite: 153.

ITEC 277-2 (BC=2)
(3-3) 7.5 weeks
Robotics
This course offers an overview of robotic systems as applied towards scientific and industrial applications.
Prerequisite: ITEC 150.

ITEC 280-1 (BC=1)
(1-0) 15 weeks
Profession
Skills necessary to excel in the profession. Activities include continuing education research towards advanced post-secondary accreditations, identification of profession practice associations, professional ethics, understanding data privacy laws, advanced portfolio management, addressing project tenders, business development guidelines and entrepreneur resources, interviewer skills.
Prerequisite: ITEC 180.

ITEC 290-4 (BC=4)
(4-0) 15 weeks
Project
Students work in a team to complete a project of interest that integrates knowledge and skills from previous courses and is responsive to current industry needs. Includes use of project management process and software. Evaluation is based on repor ts, meetings with the instruc tor, achievement of project deliverables and project demonstrations/presentations.

ITEC 293-4
(240 hours) 8 weeks
Practicum
Industry-based experience working as a member of an IT department in a development or support role. Includes reporting requirements and evaluation.
Pre/Co-requisite: ITEC 280.

ITEC 296-8 (BC=6)
(600 hours) 16 weeks
Work Experience
Paid work experience as a member of an IT department in a development or support role. Includes reporting requirement and evaluation. Optional course taken at the end of the student's second year of studies.
Pre/Co-requisite: ITEC 280.

Interdisciplinary Studies

Note: Courses in interdisciplinary studies will normally be 'team taught' by members of different disciplines.

Note: Not all courses listed may be offered. Check Course Timetable for availability.

INTD 240-3 (BC=3)
(3-0-0) 15 weeks
Integrated Arts Approach to Movement
Application of physical education emphasizing the connection between creative expression through the mediums of art, music, drama, dance and wellness as it applies to work with diverse clients with multiple needs. Provides students with creative alternatives to maximize the quality of life for clients broadening their outlook on the connection between creativity and wellness in physical education.

INTD 241-3 (BC=3)
(3-0-0) 15 weeks
Wellness & Lifestyle Management
This course introduces the student to concepts of health, wellness and fitness, providing practical strategies for developing and maintaining a healthy lifestyle. Students, through lectures, practical experience and self-evaluation will address personal wellness in the areas of fitness, nutrition, stress management and self-responsibility. The course serves to assist the student in self-empowerment by developing and promoting healthy eating, attitudes of physical activity and behaviors for themselves and others.

INTD 301-5 (BC=5)
(2-0-14) 2 weeks
Cultural Immersion
The focus of this course is to develop cross-cultural competencies through immersion in an international setting or selected domestic location. Interagency collaboration and practical experience with an emphasis on global issues and their impact on health in regions with middle or low income populations will be the focus of this course.
Recommended prerequisites: Any 200 level university transfer course.

INTD 311-3 (BC=3)
(3-0-0) 15 weeks
Place, Environment and Health
An introduction to the geography of health providing a spatial understanding of population health focusing on the determinants of health, the provision of healthcare services and the role of place and environment in contemporary health challenges.
Prerequisites: Any 200 level university transfer course.

INTD 321-3 (BC=3)
(3-1) 15 weeks
Contemporary Art in Process I
20th century trends in music, drama, visual art, dance, and creative writing. The course involves individual and group work by way of studying, being exposed to, and applying these disciplines. There are both evening performances and presentations and day classes. Limited to second and/or third year students.

INTD 322-3 (BC=3)
(3-1) 15 weeks
Contemporary Art in Process II
INTD 321 continued.
Prerequisite: INTD 321 or consent of instructor.

INTD 325-3 (BC=3)
(3-0) 15 weeks
Mindfulness, Meditation & the Body
Introduction to contemplative practices with a focus on secular meditation and mindful body work. Topics include various contemporary practices, the influence of neuroscience, impact on professions, brain health, and how practices benefit clients/patients/employees/students and self.
Prerequisite: Any 200 level course.

INTD 370-3 (BC=3)
(3-0-0) 15 weeks
Global Development and Health
Overview of global development and health issues in a cross-cultural context. In this course students will examine, from interdisciplinary perspectives, major global issues, and the promotion of global development and health in middle and lower income regions.
Prerequisite: Any 200 level course, or consent of the instructor.

INTD 375-3 (BC=3)
(3-0) 15 weeks
An Interdisciplinary Approach to Social Gerontology
This interdisciplinary course on social gerontology introduces students to issues associated with aging in Canadian society. Social gerontology is explored from a variety of perspectives and disciplines.
Prerequisite: Any 200 level university transfer course or consent of the department.

Kinesiology and Sport Studies

Note: Not all courses listed may be offered. Check Course Timetable for availability.

A. Kinesiology and Sport Studies Courses

KNSS 200-3 (BC=4)
(3-0-2) 15 weeks
Structural Anatomy
Study of human structure including the systems of the body with emphasis on those involved in human movement. Laboratory work includes the use of various learning tools.
Prerequisite: Biology 30 recommended.
Note: You must successfully complete a Laboratory Safety Orientation Seminar and Examination before taking part in labs. These seminars are offered during the first week of classes for each term. If you have completed the seminar and examination before, you may be exempted from the seminar by passing a challenge examination.

KNSS 201-3 (BC=3)
(3-0-0) 15 weeks
Biomechanics
Qualitative analysis of human movement, using biomechanical principles.
Principles are based on basic physics and mathematical laws and theories which are transferred to real world situations to improve motor performance in humans.

KNSS 202-3 (BC=4)
(3-0-2) 15 weeks
Physiology of Exercise
Examination of how the human body physiologically responds to exercise. The lecture and laboratory experiences are designed to promote a theoretical and practical understanding of the acute and chronic adaptations to the human body with the implementation of a variety of exercise modes.
Prerequisite or Co-requisite: PSIO 258/259.

KNSS 203-3 (BC=3)
(3-0-0) 15 weeks
Skill Acquisition and Performance
Theory of skill acquisition, motor learning, and performance in a variety of sports, physical activities, and recreation.

KNSS 204-3 (BC=3)
(3-0-0) 15 weeks
Introduction to Sociocultural Foundations of Physical Education, Leisure and Sport.
Study of the nature, function and role of play, physical education, recreation, leisure, and games as a basis for understanding the sociocultural foundations of sport and how contemporary society organizes and transfers attitudes and skills.

KNSS 205-3 (BC=3)
(3-0-0) 15 weeks
History of Sport
Development of the Olympic Sport Movement and the history of sport and leisure in Canada from colonial times to present providing a foundational understanding of the historical devellopment of sport. Topics will include the historical effect and changes in professionalization, gender roles, culture, Olympic games structure and socialization in Canadian sport and leisure.
Prerequisite: KNSS 204.

KNSS 209-3 (BC=3)
(3-0-0) 15 weeks
Measurement and Evaluation
Methods and techniques for evaluating physical activity programs and participants. Applying tests and measurement in a variety of sport community and institutional settings.

KNSS 210-3 (BC=3)
(2-0-2) 15 weeks
Fitness and Wellness Theory and Practice
Basic concepts of fitness and nutrition and how they apply to individual needs.

KNSS 220-3 (BC=3)
(3-0-1.5) 15 weeks
Introduction to Athletic Therapy
Athletic therapy in theory and practice. Sports medicine, care and prevention of injuries, and safety in athletics and physical education.
Prerequisite: KNSS 200.

KNSS 240-3 (BC=4)
(3-0-1.5) 15 weeks
Adapted Physical Education
Current trends, theory and practice in adapted physical activity including an overview of possible changes to task, environment and instruction as it relates to individuals with a disability.

KNSS 244-3 (BC=3)
(3-0-0) 15 weeks
Introduction to Nutrition
Overview of normal nutritional requirements, physiological functions and food sources. Examination of the importance of nutritional adequacy for optimal health and in disease prevention including evaluation of nutritional issues and nutritional status.
Note: Not to be taken by students with credit in KNSS 224.

KNSS 250-3 (BC=3)
(3-0-0) 15 weeks
Introduction to the Administration of Sport, Physical Activity, and Recreation Programs
Management concepts required to successfully administer a sport, physical activity, or recreation program. Tournament building/planning and event management are reinforced through practical learning experiences.

KNSS 253-3 (BC=3)
(3-0-0) 15 weeks
Psychological Sport Performance
Introduction to sport psychology and mental performance focusing on understanding human behavior in physical activity and sport. This course examines the perspectives of sport psychology in conjunction with personality and social psychology.

KNSS 260-3 (BC=3)
(3-0-0) 15 weeks
Introduction to Coaching Theory
Introduction to coaching theory focusing on theoretical and practical coaching topics including ethical decision-making, practice planning, basic mental skills, teaching and learning.
Note: This course meets the standards of N.C.C.P. Part A & Part B. Theory.

KNSS 270-3 (BC=3)
(2-0-2) 15 weeks
Leadership and Instruction in Physical Activity
Leadership, communication, instructional skills and development are explored on an individual and group basis and applied to a variety of settings and activities.

KNSS 280-3 (BC=4)
(3-0-1) 15 weeks
Introduction to Outdoor Education
Concepts and experiences in outdoor education and leadership are explored through a four day fall camp held during the fourth week of August followed by weekly lectures. (See course notation in the Kinesiology and Sport Studies Program Description of the Academic Calendar.

KNSS 285-3 (BC=3)
(3-0-0) 15 weeks
Physical Activity and Aging
Examination of the biological, psychological and sociological aspects of aging and their application in developing activities and working with older adults. Emphasis will be given to the role of physical activity and its impact on aging.

KNSS 299-3 (BC=3)
(1.5-0-0) 30 weeks
Directed Studies in Kinesiology and Sport Studies
Participation in applied practical experiences through the completion of a cooperative work experience of 90 to 100 hours plus 45 hours of seminars over 30 weeks or two academic terms.
Prerequisite: Consent of Chairperson.

KNSS 306-3 (BC=3)
(3-0-0) 15 weeks
Values and Ethics in Adapted Physical Activity
Exploration of the issues affecting the lives of marginalized individuals and communities. Defining and challenging historical moments, current issues, theories and practices in the area of adapted physical education and rehabilitation. Insight into the key values that guide professional practice for rehabilitation professionals and the fundamental ethical practices in adapted physical activity.
Prerequisite: KNSS 240 or consent of the department.

KNSS 307-3 (BC=3)
(3-0-0) 15 weeks
Growth and Development
Growth and development using a lifespan approach stressing changes in physical growth and motor development with emphasis on individual differences.

KNSS 340-3 (BC=3)
(3-0-0) 15 weeks
Pedagogies in Adapted Human Movement
Application of differend pedagogical approaches to teach human movement required in adapted physical education settings. Knowledge and experience will be gained working with individuals in diverse populations through a community service learning approach.
Prerequisite: KNSS 240.

KPED 292-3 (BC=4)
(3-0-1.5) 15 weeks
Introduction to Elementary School Physical Education
This course provides theoretical and practical experiences in teaching and planning physical education. Emphasis is on physical literacy and developmentally appropriate activities for elementary school aged children 5-12.

KPED 294-3 (BC=3)
(3-0-0) 15 weeks
Introduction to the Movement Activities of Youth, Part I
A wide range of physical activities and important underlying concepts. Emphasis is on understanding concepts which relate to games, skills, and activities.

KPED 295-3 (BC=3)
(3-0) 15 weeks
Introduction to the Movement Activities of Youth, Part II
Emphasis is on individual activities in a range of settings.
Prerequisite: KPED 294.

KPED 309-3 (BC=3)
(3-0-0) 15 weeks
Introduction to the Scientific Basis of Human Movement
Structure, function, and capacities of the human body as they relate to movement.
Note: Not for Kinesiology degree credit.

B. Dance Courses

KDNC 200-3 (BC=3)
(3-1) 15 weeks
The Spectrum of Dance in Society
Theory and practice of dance as a human physical activity. Focus will be on the aesthetic, expressive, and rhythmical aspects of movement in a culture's artistic and social life. Movement content, techniques, improvisation, and composition in a variety of dance forms.

KDNC 255-1.5 (BC=2)
(2-1) 15 weeks
Social Dance
Theory and practice for individuals and partners in the foxtrot, waltz, swing, rumba, cha cha, and additional dances.

KDNC 260-1.5 (BC=2)
(2-1) 15 weeks
Jazz Dance
Theory and personal skill in body awareness and placement, locomotion, and choreographed jazz dance.

KDNC 340-3 (BC=3)
(3-0-0) 15 weeks
Modern Dance
Theory and practice in creative dance technique, improvisation, and composition.

C. Physical Activity Courses
Physical activity is the primary means physical educators use to help others attain well-being and personal fulfillment. As a Kinesiology and Sport Studies student, or an Education student with a P.E. major or minor, you need to take part in and appreciate a variety of activities, from your own and other cultures, to better meet the leisure and work needs of your clients. You will develop a personal foundation of physical activity, including appreciation, skill, analytical understanding, and knowledge about different activities. Physical activity is the "physical" in physical education.

KPAC 200-3 (BC=3)
(3-0) 15 weeks
Swimming
Theory and practice in the front and back crawl, breast stroke, side stroke, and elementary back stroke. Other aquatic skills.

KPAC 211-3 (BC=3)
(3-0) 15 weeks
Basketball
Theory and practice in individual and team activities.

KPAC 214-3 (BC=3)
(3-0) 15 weeks
Ice Hockey
Technical and introductory tactical components of the game of ice hockey are presented. Emphasis will be placed on improving both technical skills and coaching expertise. Students are eligible for Hockey Canada Coach Level and Developmental Level Certification.

KPAC 218-3 (BC=3)
(3-0) 15 weeks
Soccer
Theoretical and practical aspects of the game of soccer at an introductory level including the four basic soccer skills: control, dribbling, passing and shooting. Introduction to goalkeeping and transferring these skills into small sided games. Adaptation of sk ills to indoor, outdoor and special needs variations will also be covered.

KPAC 231-3 (BC=3)
(3-0) 15 weeks
Badminton
Theory and practice in service and service return, forehand and backhand drive, clear and smash, drop shots, basic tactics, and officiating. (Must supply own equipment.)

KPAC 233-1.5 (BC=2)
(2-1) 15 weeks
Racquetball/Squash
Theory and practice in service and service return, forehand and backhand strokes, and basic tactics. (Must supply own equipment.)

KPAC 235-3 (BC=3)
(3-0) 15 weeks
Tennis
Theory and practice in service and service return, forehand and backhand strokes, approach shorts, volley, lob, and basic tactics. (Must supply own equipment.)

KPAC 237-3 (BC=3)
(3-0) 15 weeks
Volleyball
Theory and practice in individual and team activities.

KPAC 240-1.5 (BC=2)
(2-1) 15 weeks
Baseball/Fastball
Theory and practice in individual and team activities.

KPAC 245-3 (BC=3)
(3-0) 15 weeks
Golf
Theory and practice in driving, chipping, pitching, and putting. A fee may be charged for green and range fees.

KPAC 255-3 (BC=3)
(3-0) 15 weeks
Yoga for Beginners
Introduction to fundamental yoga postures and development of a basic understanding of yoga theory as it pertains to health and wellness. Focus will be given to the different schools of Hatha Yoga, primarily on Ashtanga Yoga, emphasizing progressive practice of selected yoga asanas.

KPAC 260-1.5 (BC=2)
(2-1) 15 weeks
Gymnastics
Theory and practice in the basic movements common to all forms of gymnastics.

KPAC 270-1.5 (BC=2)
(2-1) 15 weeks
Track and Field
Theory and practice in sprints, long jump, shot put, hurdles, high jump, discus, distance running, triple jump, javelin, and pole vault.

KPAC 281-1.5 (BC=2)
(2-1) 15 weeks
Cross Country Skiing
Personal skill development in diagonal striding, double poling, skating, christy and telemark.
Note: One day trip will be scheduled on a weekend during the course.

KPAC 290-3 (BC=3)
(3-0) 15 weeks
Metabolic Conditioning
Develop knowledge and training in cardiovascular fitness through aerobic and anaerobic conditioning.
Prerequisite: KNSS 210 or consent of the Chairperson.

KPAC 296-3 (BC=3)
(3-0) 15 weeks
Flexibility and Relaxation
Study of flexibility and relaxation, in relation to overall fitness and personal well being, through physiological, historical, biomechanical, individual, cultural and leadership perspectives. Exploration of practical methods to include this knowledge into personal life and leadership training.

KPAC 310-3 (BC=3)
(3-0-0) 15 weeks
Aquatics
The development of proficiency in swimming, understanding of scientific principles applied to performance and analysis of aquatic skills, development of teaching skills, and understanding and application of lifesaving theory and resuscitation.
Prerequisite: Red Cross Blue Level (Level 6) or ability to swim front crawl and back crawl efficiently.

KPAC 311-3 (BC=3)
(3-0-0) 15 weeks
Analysis and Instruction of Basketball
Theory, practice, and teaching of the fundamental skills of basketball.
Prerequisite: KPAC 211 or consent of Department.

KPAC 314-3 (BC=3)
(3-0-0) 15 weeks
Analysis and Instruction of Ice Hockey
Advanced theory of the game of Ice Hockey is emphasized. Included are on-ice skills development and the practice of on-ice tactics and multiple player strategies. (Must supply own equipment).
Prerequisite: KPAC 214 or consent of Department.
Note: You must have the minimum skating ability of an average hockey player.

KPAC 321-3 (BC=3)
(3-0-0) 15 weeks
Applied Resistance Training
Examination and application of fundamental and specific principles associated with resistance training methodologies.

KPAC 337-3 (BC=3)
(3-0-0) 15 weeks
Analysis and Instruction of Volleyball
Theory, practice, and teaching of basic skills. Emphasis is on acquiring skills and basic team systems.
Prerequisite: KPAC 237 or consent of Department.

Legal Assistant

(Open to Legal Assistant students or with consent of the Department.)

Note: Not all courses listed may be offered. Check Course Timetable for availability.

LEGL 100-3 (BC=3)
(3-0) 15 weeks
Beginning Keyboarding
Introduction to keyboarding skills including touch keying with no key watching. Emphasis on building skills through proper technique. Prior Learning recognition is available and must be completed before the course add/ drop date.

LEGL 105-1 (BC=1)
(1-0) 15 weeks
Introduction to the Canadian Legal System
The operation and various roles in the Canadian legal system including the processes and institutions involved in making laws.

LEGL 110-3 (BC=3)
(3-0) 15 weeks
Litigation I
Introduction to civil litigation including the legal system, structure of a law suit, Rules of Court, commencing an action by Statement of Clain, Judgments if no defence, and settlement procedures.

LEGL 115-3 (BC=3)
(3-0) 15 weeks
Litigation I I
Examination of the Defendant's choices in a contested law suit. Also includes torts and how matters get to trial when settlements are not successful.
Prerequisite: LEGL 110.

LEGL 120-3 (BC=3)
(3-0) 15 weeks
Corporate Law
Review of Alberta business structures and legal procedures including creating and maintaining a corporate minute book in accordance with the Business Corporations Act, reporting to the law office client and completing the annual requirements of the corporation.

LEGL 125-2 (BC=2)
(2-0) 15 weeks
Contracts
Components of a contract, common problems and their remedies.
Prerequisite: LEGL 105.

LEGL 130-3 (BC=3)
(3-0) 15 weeks
Real Estate I
Introduction to real estate practice for legal assistants in Alberta including an overview of the Land Titles system, Personal Property Registry system, types of ownership and documentation used in this practice.

LEGL 135-3 (BC=3)
(3-0) 15 weeks
Business Keyboarding
Accuracy and speed building in keyboarding skills including Dictaphone work and document production for the creation of business forms, legal documents and correspondence.
Prerequisite: LEGL 100.

LEGL 140-3 (BC=3)
(3-0) 15 weeks
Introductory Information Processing for the Legal Assistant
This is a supported self-directed course covering an introduction to computers together with introductory and intermediate level word processing. This course will provide a foundation of computer literacy for the Legal Assistant field. Not available for Prior Learning recognition.

LEGL 145-2 (BC=2)
(2-0) 15 weeks
Criminal Law
The principles and administration of criminal law using the Criminal Code of Canada and the Charter of Rights and Freedoms.

LEGL 200-3 (BC=3)
(3-0) 15 weeks
Professional and Interpersonal Skills
Application of professional skills and behaviour, including ethids, as well as development of interpersonal conflict resolution and job search skills.

LEGL 205-3 (BC=3)
(3-0) 15 weeks
Estate Planning
Preparation of Wills, Enduring Powers of Attorney, Personal Directives, and applications for a Guardian and Trustee and the associated documents including the distribution of an estate when a person dies without a will.

LEGL 210-3 (BC=3)
(3-0) 15 weeks
Litigation III
Collection of judgments, Writs of Enforcement, garnishment, seizures and an introduction to Chamber applications.
Prerequisite: LEGL 115.

LEGL 215-3 (BC=3)
(3-0) 15 weeks
Litigation IV
Development of draft documents for chamber applications, using a problem solving approach, based upon fact situations using the Rules of Court as the primary resource.
Prerequisite: LEGL 210.

LEGL 220-3 (BC=3)
(3-0) 15 weeks
Intermediate Information Processing for the Legal Assistant
Application of advanced word processing concepts, communication, scheduling and law office accounting software.
Prerequisite: LEGL140.

LEGL 225-3 (BC=3)
(3-0) 15 weeks
Estate Administration
Preparation of necessary documentation for the transfer of a deceased 's estate to beneficiaries based on the Surrogate Court Rules. Includes applications for Probate and Administration.
Prerequisite: LEGL 205.

LEGL 230-3 (BC=3)
(3-0) 15 weeks
Real Estate II
Documentation requirements for the conveyancing practice in the Province of Alberta.
Prerequisite: LEGL 130.

LEGL 233-3 (BC=3)
(3-0) 15 weeks
Commercial Law
Introduction to the purchase and sale of a business including: Master Sales Agreements, sale of shares, sale of assets, the Alberta Personal Property Registry system and commercial financing.
Prerequisites LEGL 120 & LEGL 230.

LEGL 235-3 (BC=3)
(3-0) 15 weeks
Real Estate III
File development in the practice of real estate in Alberta focusing on both Seller and Buyer perspectives for a variety of transactions.
Prerequisite: LEGL 230.

LEGL 240-3 (BC=3)
(3-0) 15 weeks
Family Law
Production of documentation for an application for parenting, a Divorce and a Separation Agreement using the Family Law Act, Divorce Act, Matrionial Property Act and the Rules of Court. Includes issues regarding support, custody, access, and also alternative dispute resolution methods.

LEGL 245-3 (BC=3)
(3-0) 15 weeks
Technology Integration for the Legal Assistant
Application of advanced computer applications using a case based approach to cloud computing, spreadsheets, databases and specific law office software.
Prerequisite: LEGL 220.

LEGL 250-3 (BC=3)
(15 hrs class/175 hrs) 6 weeks
Practicum
Directed practicum preparation followed by 175 hours (equivalent of about 5 weeks of full time work) of supervised practicum in a legal environment in the role of legal assistant.
Prerequisite: Completion of all other requirements with a GPA of 2.0.

Mathematics

Note: Not all courses listed may be offered. Check Course Timetable for availability.

MATH 050-5 (BC=5)
(5-0) 15 weeks
Preparatory Mathematics
See "Career and Academic Preparation Courses," page 217.

MATH 075-5 (BC=5)
(5-0) 15 weeks
Introductory Algebra
See "Career and Academic Preparation Courses," page 217.

MATH 085-5 (BC=5)
(5-0) 15 weeks
Intermediate Algebra
See "Career and Academic Preparation Courses," page 217.

Math 092-5 (BC=5)
(5-0) 15 weeks
Senior Algebra and Trigonometry
See "Career and Academic Preparation Courses," page 218.

MATH 096-5 (BC=5)
(4-2) 15 weeks
Precalculus: Algebra and Trigonometry
See "Career and Academic Preparation Courses," page 218.

MATH 097-4 (BC=4)
(3-2) 15 weeks
Elementary Calculus and Modern Mathematics
See "Career and Academic Preparation Courses," page 218.

MATH 202-3 (BC=4)
(3-2) 15 weeks
Elementary Calculus I
Review of analytical geometry, differentiation and integration of simple functions, and applications.
Prerequisite: Math 30-1.
Note: You should take MATH 203 if you have at least 70% in Math 31.

MATH 203-3 (BC=3)
(3-0) 15 weeks
Elementary Calculus
Review of analytical geometry, differentiation and integration of simple functions, and applications.
Prerequisite: Math 30-1 and 31 or the equivalent.
Note: Not recommended if you have less than 70% in Math 31.

MATH 204-3 (BC=3)
(3-1) 15 weeks
Elementary Calculus II
Differentiation and integration of trigonometric, exponential, and logarithmic functions. Indeterminate forms and improper integrals. Techniques of integration. Applications.
Prerequisite: MATH 202 or 203 or equivalent.
Note: You cannot have credit in both MATH 204 and MATH 213.

MATH 212-3 (BC=4)
(3-2) 15 weeks
Calculus I
Review of functions and analytic geometry. Trigonometric, logarithmic, exponential and hyperbolic functions. Inverse functions. Limits and continuity. Derivatives and their interpretation. Methods of differentiation and applications. Parametric and polar coordinates and functions.
Prerequisite: Math 30-1 and 31
Note: Designed for Engineering students.

MATH 213-3 (BC=5)
(4-2) 15 weeks
Calculus II
Integrals and areas: numerical methods and the Fundamental Theorem of calculus. Basic integration methods. Applications of integration to lengths, areas, volumes, and other physical quantities. Advanced integration methods. Differential equations. I nfinite ser ies and Ta ylor expansions.
Prerequisites: MATH 212.
Note: Designed for Engineering students.

MATH 221-3 (BC=3)
(3-0) 15 weeks
Linear Algebra I
Solving linear systems of equations. Matrix algebra. Determinants, vectors, lines and planes, vector spaces, and applications.
Prerequisite: Math 30-1.

MATH 223-3 (BC=3)
(3-0-1) 15 weeks
Applied Linear Algebra
Vectors and matrices. Solution of linear equations. Equations of lines and planes. Vector spaces and bases. Determinants. Matrix algebra. Orthogonality and applications (least squares, Gram-Schmidt). Eigenvalues and eigenvectors and applications.
Prerequisite: Math 212.
Note: Designed for Engineering Students

MATH 230-3 (BC=3)
(3-0) 15 weeks
Mathematics: Ideas and Applications
Introduction to logic and set theory. Introduction to mathematical systems, number systems, and related topics. Basic algebra and analytic geometry. Problem solving and word problems. Systems of equations and inequalities. Graphing. Max/ min problems. Linear programming. Introduction to probability and statistics. Applications in social and life science.
Prerequisite: Math 30 or equivalent is recommended.
Note: This course is intended for Arts and Humanities students. Not accepted as an option for science majors at the University of Calgary and the University of Lethbridge.

MATH 251-3 (BC=3)
(3-0) 15 weeks
Mathematics of Finance I
Simple and compound interest. Simple and general annuities certain. Variable annuities and perpetuities. Amortization schedules. Sinking funds. Applications.
Prerequisites: Math 30 -1.

MATH 260-3 (BC=3)
(3-0) 15 weeks
Higher Arithmetic
Critical thinking & problem solving. Tools for problem solving. Numeration systems, system of integers and elementary number theory, modulo mathematics. Rational numbers, ratio and proportion. Introduction to statistics.
Prerequisite: Math 30-1 or Math 30-2 or consent of the Department.
Note: This course is restricted to Elementary Education students.

MATH 302-3 (BC=4)
(4-0) 15 weeks
Intermediate Calculus I
Infinite series. Plane curves and polar coordinates. Vectors and three dimensional analytic geometry. Partial derivatives.
Prerequisite: MATH 204 or equivalent.

MATH 303-3 (BC=4)
(4-0) 15 weeks
Intermediate Calculus II
First order and second order linear differential equations with constant coefficients. Curves, tangent vectors, and arc length. Integration in two and three dimensions. Polar, cylindrical, and spherical coordinates. Line and surface integrals. Green's divergence and Stoke's theorems.
Prerequisite: MATH 302.

MATH 313-3 (BC=3)
(3-1S-0) 15 weeks
Differential Equation
First order linear and non-linear equations. Linear differential equations with constant coefficients. Laplace Transforms and application. Picard's method. Series solutions.
Prerequisite: MATH 204 or 213 or equivalent.
Co-requisite: MATH 302.
Note: Open to Engineering, Agricultural Engineering, B.Sc. in Physics, Geophysics, Computer Science, Geography (Meteorology) and Mathematics students only.

MATH 328-3 **(BC=3)**
(3-0) 15 weeks
Introduction to Abstract Algebra
Properties of integers. Permutations. Groups. Lagrange's theorem. Factor groups. Polynomials. Rings. Fields.
Prerequisite: Math 30 and a previous university-level mathematics course.

Mechanical Engineering Technology

Open to Engineering Tech Students only

MET 100-3 **(BC=3)**
(3-0-1) 15 weeks
Physics
Obtain a basic foundation in kinematics, statics, dynamics, forces, Newton's laws, motion, torque, scalar and vector quantities, thermal physics, electricity, momentum, work, power, and conservation laws. Practical application of measurement, data analysis, and experimental techniques in lab exercises will reinforce theory.

MET 105-2 **(BC=2)**
(2-1-0) 15 weeks
Engineering Drafting
Learn the graphical language of drafting by learning to represent an object using isometric and orthographic drawings, lettering and line techniques, tolerances, dimensioning and sectioning, multiple views and free hand sketching. Principles of part assembly are also introduced.

MET 110-3 **(BC=3)**
(3-1-0) 15 weeks
Engineering Management
Examine Project Management, Lean Thinking, and Quality Assurance. Learn about the project management process, the role of the project manager and the role of projects in an organization. Learn the concepts of lean and quality assurance and how to incorporate them in the workplace or in a project.

MET 115-2 **(BC=2)**
(2-0-1) 15 weeks
Metrology
Learn about the concept of measurement and its tools to control the manufacturing process parameters to maintain required precision. Use a variety of measuring tools and instruments to calculate tolerances with respect to material temperature change. Precision and non-precision measurements, calibration, and metric/imperial units will be part of this course.

MET 120-3 **(BC=3)**
(3-0-0) 15 weeks
Statics
Study the cornerstones of engineering design: forces, loads and resulting stresses. Learn how to establish free body diagrams, calculate moments and stresses and study vector mathematics, centroid, distributed loads, strains, safety factor and Hook's law.
Prerequisite: GET 110.

MET 125-3 **(BC=3)**
(3-0-1.5) 15 weeks
Materials Science
Gain an understanding of the effects of physical and chemical influences on the properties of solid materials. Study and investigate mechanical, thermal, electrical and magnetic behaviors. Destructive and nondestructive testing will be covered in detail.
Prerequisite: MET 100.

MET 130-2 **(BC=2)**
(2-0-1) 15 weeks
Fluid Mechanics
Study fluid statics, pressure types and units, manometry laws, similarity and dimensional analysis as well as Bernoulli's equation, laminar and turbulent flow, Reynolds number, buoyance, energy loss and pump design, forces on gates, momentum and energy equations, measurement.
Prerequisite: GET 110 and pressure.

MET 135-3 **(BC=3)**
(3-0-0) 15 weeks
Thermodynamics
Examine the first and second laws of thermodynamics and applications and the mutual effects between temperature, pressure and volume and learn about the most common thermodynamics properties, heat transfer and heat losses in building as well as the application of heat transfer (heat pumps, heat engine, and refrigeration cycles).
Prerequisite: GET 110.

MET 140-2 **(BC=2)**
(2-1-1.5) 15 weeks
Computer Aided Design
Use knowledge from the Engineering Drafting course to utilize AutoCAD software. Use drawing tools, multiple views, sectioning, common drafting conventions, tolerances, library commands and symbols and 3D modelling. Design and create 3D objects and simulate manufacturing processes to identify irregularities or conflicts in the machining process.
Prerequisite: MET 105.

MET 145-2 **(BC=2)**
(2-1-1) 15 weeks
Manufacturing I
Learn basic manufacturing operations, standard machine tools, blueprint reading and industrial safety practices. Experience the manufacturing environment and the application of layout tools, hand tools and measuring tools. Iron steel making and related processes, welding methods and techniques and different types of welding machines, joints and rods will be explored. Not eligible for Prior Leearning & Recognition.

MET 200-3 **(BC=3)**
(3-0-1.5) 15 weeks
Fundamentals of FMEA
Gain the knowledge and tools needed to conduct an engineering investigation to assess potential sources, causes and solutions for failure prevention. Study the fundamentals of failure mode and effects analysis, failure analysis of mechanical systems, evidence collection and handling and development of failure hypotheses and the fundamentals of root cause analysis.
Prerequisite: MET 125.

MET 205-2.5 (BC=3)
(2.5-0-1) 15 weeks
Dynamics
Learn the mechanical principles of motion and forces of dynamic systems. Study the kinematics and kinetics of objects in translation and rotation, the effect of acceleration on motion, in addition to conservation of energy principles and applications.
Prerequisites: MET 120; GET 115.

MET 210-2 (BC=2)
(2-0-0) 15 weeks
Building Systems
Design heating, ventilation and air conditioning systems. Learn about the equipment and instruments used in HVAC and learn how to calculate thermal loads and identify heat losses. Gain the tools and skills needed to interpret HVAC drawings, specifications and codes.
Prerequisite: MET 135.

MET 215-3 (BC=3)
(3-0-1.5) 15 weeks
Pneumatics and Hydraulics
Learn about the concept and design of power circuits. Learn about the components of power systems and how these components function and interact within the system. Simulation and practical trouble shooting of circuits will be explored.
Prerequisite: MET 130.

MET 220-3 (BC=3)
(3-0-0) 15 weeks
Strength of Materials
Review the basic concepts of strengths of materials as well as stress and strain due to various loadings including thermal loading. Topics will include bending, shearing and combination stresses, design of shafts, vessels, and joints, Mohr circle, and beam deflection.
Prerequisite: MET 120.

MET 225-3 (BC=3)
(3-0-1) 15 weeks
Tool and Fixture Design
Learn and apply the concept of cutting tool design, work-holder standards, work-piece clamping design for manufacturing process, selection of tooling materials and safe tool handling practices.
Prerequisite: MET 245 and MET 140.

MET 230-3 (BC=3)
(3-0-1) 15 weeks
Robotics
Study the basics of robot applications, types and programming including robot classifications, applications, manipulators and end effectors, drive systems, payload, repeatability and accuracy, object detection, programming, safety and communications. Work with industrial robots and program them to carry out basic functional tasks.

MET 235-3 (BC=3)
(3-0-1) 15 weeks
CIM
Computer Integrated Manufacturing (CIM) applies computers to manufacturing, covering topics such as manual NC programming-G codes, computer vision; coordinate measuring machines (CMM), industrial robots in CIM cells, materials handling systems, group technology, Programmable Logic Controllers and future trends in CIM.
Prerequisite: MET 260.
Corequisite : MET 250.

MET 240-3 (BC=3)
(3-0-1) 15 weeks
CNC Manufacturing
Learn about CNC machining processes and programming. Learn to select the machine tool suitable to the required process, set up correct parameters, understand the critical path of the machining process, and carry out the applications of simulation on industrial CNC machines.
Prerequisite: MET 140 and MET 245.

MET 245-3 (BC=3)
(3-0-1.5) 15 weeks
Manufacturing II
Gain an understanding of machining technologies and basic fundamentals of metal removal operations, joining, casting, welding, grinding, forming, laser processes, chemical etching, and drilling. Operate and machine actual metal parts on lathe and milling machines.
Prerequisite: MET 145.
Not eligible for Prior Learning and Recognition.

MET 246-2 (BC=2)
(2-1-1) 15 weeks
Manufacturing III
Study manufacturing processes of non. metallic products such as polymers. Other topics covered will be product life cycle and product design for cost effective manufacturing and assembly. A portion of this course will include field trips to local industry to explore new technologies and efficient practices.
Prerequisite: MET 245.

MET 250-3 (BC=3)
(3-0-1) 15 weeks
Control Systems
Examine the principles and practices used in the design and application of common industrial process control components and systems as well as the modeling of physical systems, stability, Routh criteria, Root-locus technique and design of control systems.
Prerequisite: GET 115 Corequisite: MET 235.

MET 255-1 (BC=1)
(1-0-0) 15 weeks
AMET Capstone Project I
Research and compile a technical report on a topic which reflects the working knowledge of an MET graduate. Apply concepts from the first year of the program to document, design and create an object.
Prerequisite: Completion of all first year courses or permission of the department.
Not eligible for Prior Learning and Recognition.

MET 256-3 (BC=3)
(3-0-0) 15 weeks
AMET Capstone Project II
Continue to develop your proposal from Capstone Project 1 by researching and modifying the project incorporating manufacturability obstacles and unanticipated costs. Students are expected to have a tangible product at the end of this course. Presentation of each project is re quired by the end of the semester.
Prerequisite: MET 255 Not eligible for Prior Learning and Recognition.

MET 260-2 **(BC=2)**
(2-1-1) 15 weeks
Manufacturing Automation
Install, configure, program, and interface a variety of hardware and software in a manufacturing environment. Use Human Machine Interfaces (HMI) and Supervisory Control and Data Acquisition (SCADA) systems to communicate with Programmable Logic Controllers (PLC) and other devised to monitor and control equipment and processes.

Medical Lab Assistant

MLA 100-2 **(BC=2)**
(22 class)
Professional Relations
This introductory course develops the learner's understanding of the importance of effective interpersonal communication skills and team work in the health care setting. The diverse needs and human relations posed by health care clients are also explored. Students will analyze their personal effectiveness related to wellness and stress management.

MLA 101-1 **(BC=1)**
(12 class, 12 lab)
Basic Electrocardiography
This course is designed to provide basic theoretical aspects and the practical experience required to perform electrocardiograms. Includes recording technique, recognition and remedies of artifacts, and basic information on infarct recognition.

MLA 102-1 **(BC=1)**
(12 class)
Quality Management
This course is designed to provide a complete overview of methods used to ensure quality patient care. The emphasis will be on quality assurance and quality control technique.

MLA 103-2 **(BC=2)**
(30 class)
Basic Anatomy and Physiology
This course has been designed to develop a basic understanding of the structure and function of selected systems in the human body.

MLA 104-1 **(BC=1)**
(17 class)
Medical Terminology
Knowing and using correct terminology is part of effective communication. In health care, the terminology is especially important and needs to be understood by all members of the team. Take your first steps in learning the proper terminology used in health and medical sciences.

MLA 105-2 **(BC=2)**
(22 class)
Infection Control and Safety
Infection control - it's a hot topic across the world and demands attention in any Health care profession. Learn about the basics, including transmission of microorganisms, immunization practices for healthcare workers, blood-borne pathogens (Hepatitis and HIV), SARS, standard precautions, isolation procedures, sterilization and disinfection, safety and WHIMS.

MLA 106-3 **(BC=3)**
(30 class, 30 lab)
Blood Collection & Handling
This course provides information and practical experience on the suitability, collection, handling and transportation of blood specimens to help ensure quality laboratory results. Emphasis will be placed on collection of blood samples from adults, children and infants. A variety of collection techniques for venipuncture and capillary puncture will be covered. Professionalism and excellent client service will be stressed throughout this course. The studens will be introduced to a Laboratory Information System (LIS).

MLA 107-2 **(BC=2)**
(22 class, 14 lab)
Introduction to General Laboratory Procedures
This course provides the theory and practice required to perform basic procedures within the clinical laboratory. Laboratory glassware and pipettes, microscopes, basic laboratory equipment, and reagent preparation with related mathematical calculations will be covered.

MLA 108-2 **(BC=2)**
(32 class, 18 lab)
Introduction to Medical Laboratory Testing
This course provides the student with a better understanding of the different departments in a clinical laboratory and the medical laboratory procedures associated with each. Emphasis will be placed on the definition, terminology and purpose of selected medical laboratory tests. The practical component of this course includes basic procedures in Hematology, Microbiology, Anatomic Pathology, and Cytology.

MLA 109-2 **(BC=2)**
(26 class, 10 lab)
Miscellaneous Specimen Processing
This course introduces students to different types of specimens analyzed in the laboratory, including urine, stool (fecal), tissue, sputum, and other body fluids. Students will learn how to instruct patients properly to provide such specimens as required. Theoretical background and practical experience will be provided in the preparation of specimens for analysis. These procedures include specimen sorting, accessioning (data entry), checking specimen suitability, centrifugation, aliquoting, and delivery of specimens to appropriate laboratory departments.

MLA 110-2 **(BC=2)**
(20 class, 22 lab)
Urinalysis
The examination of urine provides a wide variety of useful medical information regarding diseases of the urinary tract as well as certain systemic diseases that produce quantitative alterations of urine constituents or the excretion of abnormal substances. Macroscopic (chemical) and microscopic evaluation of urine constituents will be learned.

MLA 115-8 (BC=8)
(40 lab, 240 Practicum)
Clinical Practicum
Simulation lab and an unpaid practicum focused on practical experience in settings where staffing includes Medical Laboratory Assistants. Experience is provided at collection sites, rapid response laboratories and acute care sites. Travel to rural locations or to Edmonton to complete all or portions of the practicum experience may be required.
Prerequisite: A minimum grade of 2.0 in each of MLA 100 through MLA 110.

Microbiology

MICR 365-3 (BC=4)
(3-0-3) 15 weeks
General Microbiology II
Nutrient uptake, metabolism, extracellular proteins, chemotaxis, and differentiation. The eukaryotic microbes, their ecological roles, and eukaryotic cell culture. The interactions environment and symbiotic relationships. Basic principles of industrial microbiology. The use of biotechnology for producing economically and medically important substances. Laboratory exercises deal with topics related to the lecture material.
Prerequisite: BIOL 217 and CHEM 251 or CHEM 351.

Motion Picture Arts

MPA 301-3 (BC=3)
(3-0) 15 weeks
Motion Picture Fundamentals I
Development of knowledge of all aspects of live action motion picture production. Includes development of basic competence in production, direction and communication.

MPA 302-3 (BC=3)
(3-0) 15 weeks
Motion Picture Fundamentals II
Further development of knowledge in aspects of live action motion picture production.

MPA 303-3 (BC=3)
(3-0) 15 weeks
Motion Picture Business/Career Path
An examination of film financing, budgeting, scheduling and distribution. Included is entertainment law and the societal and political context of the Canadian film industry. Students will establish contacts with appropriate unions, agents and develop self-promotional strategies.

MPA 304-3 (BC=3)
(3-0) 15 weeks
Screenwriting Techniques
Provides a practical introduction to appropriate formats and techniques for screenwriting, and includes narrative forms and structure, character and story throughlines. Students will apply their knowledge and skills to short screenwriting projects.

MPA 305-3 (BC=3)
(3-0) 15 weeks
Motion Picture Directing
Director's responsibilities, strategies, and skills including technical aspects of production and analysis of scripts. Knowledge and skills will be used to direct performers and crew in scene work.

MPA 311-3 (BC=3)
(3-0) 15 weeks
Motion Picture Technology
Knowledge and maintenance and operational skills in production and post. production technologies such as analog and digital imaging systems, film/video transfer systems, compositing, etc. Explore emerging production technologies such as motion control.
Prerequisite: MPA 315.

MPA 312-3 (BC=3)
(3-0) 15 weeks
Audition Techniques
Emphasis is on the knowledge, strategies, and skills needed for professional auditions. Students will develop a professional resume, photograph, and industry standard reels/ tapes/DVD.
Prerequisite: MPA 317.

MPA 315-4 (BC=4)
(3-3) 15 weeks
Motion Picture Production I
Skill development in cinematography, camera operation, lighting, editing, sound, and production management. Flexibility and learning skills needed to acquire specialized expertise is emphasized.

MPA 316-4 (BC=4)
(3-3) 15 weeks
Motion Picture Production II
Further development in cinematography, camera operation, lighting, editing, sound and production management.
Prerequsitie: MPA 315.

MPA 317-4 (BC=4)
(3-3) 15 weeks
Motion Picture Acting I
Knowledge of terminology, set etiquette, set directions and the roles and functions of other film personnel. Opportunities to practice performance on camera using effective vocal and physical character traits. Emphasis is on developing a confident poise for on camera and audio recording.

MPA 318-4 (BC=4)
(3-3) 15 weeks
Motion Picture Acting II
Emphasis is on advancing knowledge and skills developed in Film Acting I in order to believably perform scenes of emotional intensity. Performance skills for various motion picture media and specific genre requirements will be developed.
Prerequisite: MPA 317.

MPA 320-4 (BC=4)
(0-12) 15 weeks
Motion Picture Projects I
Application of knowledge and skills to initiate, develop and produce media projects from concept to completion. Team skills, integrity, self-confidence, initiative, and professionalism are integral to success.

MPA 321-4 (BC=4)
(0-12) 15 weeks
Motion Picture Projects II
Further application of knowledge and skills to develop media projects from concept to completion. Team skills, integrity, self-confidence, initiative and professionalism are integral to success.
Prerequisite: MPA 320.

MPA 403-15 (BC=10)
(0-35) 15 weeks
Applied Motion Picture Practicum I
The first term of a two-term mentored practicum. This involves: 1) The production of a substantial motion picture project (including concept, production, postproduction, marketing and promotion) with access to College equipment and facilities; and/or 2) work experience in the motion picture industry, with a combination of paid work, auditions, workshops, etc. accumulated under the guidance of MPA staff.
Prerequisite: Completion of 3rd year of the MPA program.

MPA 404-15 (BC=10)
(0-35) 15 weeks
Applied Motion Picture Practicum II
The second term of a two-term mentored practicum. This involves: 1) The production of a substantial motion picture project (including concept, production, postproduction, marketing and promotion) with access to College equipment and facilities; and/or 2) work experience in the motion picture industry, with a combination of paid work, auditions, workshops, etc. accumulated under the guidance of MPA staff.
Prerequisite: MPA 403.

Please refer to Degree Completion Program Section for Year 4 of the Bachelor of Applied Motion Picture Arts Degree.

Music

Note: Not all courses listed are offered every semester or every year. Check Course Timetable for availability.

Performance Ensembles (BC=2)
(2 cr/semester)
(0-3) 15 weeks
The study and performance of standard and current literature appropriate to the specific vocal or instrumental ensemble. Membership is limited and is by audition. Scheduled public performances are generally a part of each ensemble experience. All ensembles are offered on a corequisite basis only, eg. students must be registered in the same ensemble sequence for both Fall and Winter semesters (eg. 201 Fall/202 Winter), unless special permission is granted by the Department. The first semester is normally prerequisite to the second.
Note: All ensembles are open (by audition) to students from all departments in the college.
Note: *Check the Alberta Transfer Guide for specific transfer information for MUSE courses marked with an asterisk*.

MUSE 201, 202, 301, 302, 351, 352
Symphonic Winds* I, II, III, IV, V, VI
A concert band that rehearses and performs wind literature representing traditional and contemporary styles, with priority given to important European and North American stylistic periods. Emphasis is placed on learning musicianship through the stylistic diversity of selected repertoire. The choice of repertoire will also consider the literature available to future educators in the secondary school setting.
Note: Not eligible for challenge.

MUSE 203, 204, 303, 304, 353, 354
Concert Choir* I, II, III, IV, V, VI
A wide range of quality traditional and contemporary choral music is performed in a mixed choir of approximately 40 members. The integration of personal musical development with the principles of group work and the development of blend are important aspects of the course.
Note: Not eligible for challenge.

MUSE 205, 206, 305, 306, 355, 356
Jazz Ensemble* I, II, III, IV, V, VI
A jazz band that rehearses and performs music characteristic of the big band era as well as literature of the modern day jazz ensemble. Students will explore the various styles within this genre and develop improvisational skills required for this idiom.
Note: Not eligible for challenge.

MUSE 207, 208, 307, 308, 357, 358
Jazz Choir* I, II, III, IV, V, VI
This vocal ensemble will help you learn how to perform Jazz, Swing and Popular music in the style appropriate to each.

MUSE 209, 210, 309, 310, 359, 360
Orchestra* I, II, III, IV, V, VI
Selected woodwind, brass, string, and percussion students who are playing at advanced levels may arrange an audition with the conductor of the Red Deer Symphony Orchestra. This is a professional orchestra which draws players from across the province.
Note: Not eligible for challenge.

MUSE 211, 212, 311, 312, 361, 362
Jazz Combo* I, II, III, IV, V, VI
Students work together in small groups to create arrangements of both old and new jazz tunes. Weekly coaching sessions introduce various ideas and exercises to enhance both improvisational ability and an understanding of jazz as a specific style.
Note: Not eligible for challenge.

MUSE 213, 214, 313, 314, 363, 364
Contemporary Styles I, II, III, IV, V, VI
Bands are formed within the class and are used as structured lab settings to explore the fundamental elements of important styles such as rock and roll, country, Latin, and alternative.
Note: Not eligible for challenge.

MUSE 215, 216, 315, 316, 365, 366
Chamber Winds I, II, III, IV, V, VI
Small group study of literature for wind ensembles. Depending upon the instrumentation, repertoire may incorporate combinations of brass and woodwinds ranging from duo to octet. Performance opportunities for various ensembles are available in the acoustic noon recitals and other performances both on and off campus.
Note: Not eligible for challenge.

MUSE 217, 218, 317, 318, 367, 368
Chamber Choir I, II, III, IV, V, VI
This ensemble is geared towards the experienced singer and will explore advanced choral literature in both traditional and contemporary genres. Enrolment is limited to approximately 16.24 members. Specific goals include gaining experience performing choral music in front of a live audience, building a varied repertoire of music, and learning the principles of group work and integrating these principles with individual skills.
Note: Not eligible for challenge.

MUSE 219, 220, 319, 320, 369, 370
Chamber Ensemble* I, II, III, IV, V, VI
The focus is on the rehearsal and performance of acoustic, classical music for small groups of two to four players or singers. The makeup of the ensemble or ensembles will vary depending on the interests and skills of those enrolled.
Note: Not eligible for challenge.

MUSE 221, 222, 321, 322, 371, 372
Percussion Ensemble* I, II, III, IV, V, VI
Rehearsal and performance of percussion ensemble literature that will be arranged for various combinations of the following instruments: marimba, xylophone, vibraphone, drum set, congas, snare drum, timpani, etd.
Prerequisite: Audition
Note: Not eligible for challenge.

MUSI 194-3 (BC=3)
(3-0) 15 weeks
Introductory Music Theory I
For students with little or no formal music theory background who have interest in understanding the rudiments of music notation or who are preparing to enter the Music Diploma program. Designed to give students a basic working knowledge of music reading through the study of pitch and rhythm notation, scales, key and time signatures, intervals, and relevant terminology.

MUSI 195-2 (BC=2)
(2-0) 15 weeks
Introductory Aural Skills I
For students with little or no formal aural skills training who have interest in improving their musicianship or who are preparing to enter the Music Diploma program. Emphasis will be placed on the identification by ear and sight of melodies, rhythms and harmonies. Music dictation and elementary sight-singing will be an integral aspect of the course.

MUSI 196-3 (BC=3)
(3-0) 15 weeks
Introductory Music Theory II
Skills and knowledge gained in MUSI 194 will form the basis for more extensive work in music reading, chord building, and cadence construction.
Prerequisite: MUSI 194 or consent of Department Chair.

MUSI 197-2 (BC=2)
(2-0) 15 weeks
Introductory Aural Skills II
Skills and knowledge gained in MUSI 195 will form the basis for more extensive work in melodic and harmonic dictation, interval recognition and sight-singing.
Prerequisite: MUSI 195 or consent of Department Chair.

MUSI 203-3 (BC=3)
(3-0) 15 weeks
Computer Music Technology
Practical techniques, theory and applications for computer-based multitrack MIDI sequencing and multitrack digital audio, synthesizers, samplers, sound design, special effects processing, and computer music notation and printing. Survey of applications for live music and theatre performances, as well as music, video and film studios.
Note: This course is for music students as well as musicians who are not in the music diploma program. Department consent is required.

MUSI 210-6 (BC=6)
(3-1) 30 weeks
Fundamentals of Music and Method in Education for Non-Music Majors
A dynamic and practical introduction to music teaching techniques and fundamentals for the student interested in teaching elementary or middle-school aged children. Taught as a survey course and includes introductory keyboard, guitar and various other instruments. Former experience in music is not required.

MUSI 213-3 (BC=3)
(3-1) 15 weeks
Fundamentals of Music and Method in Education I
A dynamic and practical introduction to music teaching techniques and fundamentals for the student interested in teaching elementary or middle-school aged children. Topics include music theory, music appreciation and singing as well as an introduction to the keyboard and recorder.
Correlates with the Alberta Learning Curriculum. Former experience in music is not required.
Co-requisite: MUSI 213 lab.

MUSI 214 (BC=3)
(3-1) 15 weeks
Fundamentals of Music and Method in Education II
A continuation of MUSI 213 with an added emphasis on lesson planning and music teaching philosophy and techniques including Orff and Kodaly methods. Includes an introduction to the guitar and other classroom instruments.
Co-requisite: MUSI 214 lab.
Prerequisite: MUSI 213.

MUSI 233-3 (BC=3)
(3-0) 15 weeks
Introduction to Music History
A survey of Western Music from Antiquity through the 20th Century. Through lecture, listening, and basic score examination, students will explore the traditions and practices that have culminated in both the art music and popular music idioms which exist today.

MUSI 234-3 (BC=3)
(3-0) 15 weeks
Masterworks of Music
Elements that shape and enrich the musical art: basic musical concepts, instruments, forms and styles, genres, and historical implications.
Prerequisite: MUSI 233.

MUSI 241-2 (BC=2)
(2-0) 15 weeks
Basic Piano I
Piano technique, scales, and keyboard harmony. Emphasis is on developing a repertoire of easy to moderate piano pieces to enhance the keyboard as a useable musical tool.
Prerequisite: Ability to read music and a basic skill in voice or an instrument other than the piano.

MUSI 242-2 (BC=2)
(2-0) 15 weeks
Basic Piano II
Skills acquired in MUSI 241 will be refined and expanded. Particular emphasis will be placed on keyboard fluency, fingering, and music reading.
Prerequisite: MUSI 241 or consent of the Department Chair.

MUSI 257-3 (BC=3)
(3-0) 15 weeks
Comprehensive Music Theory I
Music rudiments review (scales, intervals, chords, rhythms), non-harmonic tones, cadences, introduction to harmonic progression and voice-leading principles, and melodic construction.
Prerequisite: Successful completion of the Theory Placement Exam or equivalent.

MUSI 258-3 (BC=3)
(3-0) 15 weeks
Comprehensive Music Theory II
Harmonic analysis, harmonic progression, and four-part writing techniques for diatonic chords, seventh chords, secondary dominant chords, leading-tone chords, and modulation; binary and ternary musical forms.
Prerequisite: MUSI 257.

MUSI 259-3 (BC=3)
(3-0) 15 weeks
Comprehensive Aural and Keyboard Skills I
The aural study of music theory concepts covered in MUSI 257 using sight-singing, dictation, and keyboard harmony.
Prerequisite: Successful completion of the Theory Placement Exam or equivalent.

MUSI 260-3 (BC=3)
(3-0) 15 weeks
Comprehensive Aural and Keyboard Skills II
The aural study of music theory concepts covered in MUSI 258 using sight-singing, dictation, and keyboard harmony.
Prerequisite: MUSI 257 and 259.
Prerequisite or Co-requisite: MUSI 258.

MUSI 280-3 (BC=3)
(3-1) 15 weeks
Recording Studio Technology I
An introduction to the recording studio and to basic recording engineering on a digital audio workstation. Mixing theory, equipment theory and operation, and actual performance toward a finished recording.
Prerequisite: Enrolment in Music Diploma or consent of the Department.

MUSI 282-3 (BC=3)
(3-0) 15 weeks
Recording Studio Technology II
MUSI 280 continued. The study of advanced micing and recording techniques, computer audio editing and refinement of skills towards additional projects.
Prerequisite: MUSI 280.

MUSI 301-3 (BC=3)
(3-0) 15 weeks
History of Classical and Romantic Music
A performance-lecture survey of the styles, composers, and performers of the Classical and Romantic periods of music history.
Prerequisite: MUSI 233 or 202.
Note: Skill in music reading is an asset.

MUSI 302-3 (BC=3)
(3-0) 15 weeks
History of Post-Romantic and 20th Century Music
A performance-lecture survey of the styles, composers, and performers of the post-Romantic and 20th century periods of music history.
Prerequisite: MUSI 233 or 301.
Note: Skill in music reading is an asset.

MUSI 303-3 (BC=3)
(3-0) 15 weeks
History of Popular Music
A survey of the history and evolution of popular music. Topics will include the history of jazz, the roots of rock and roll, the British Invasion, Latin influences, techno, pop music, and urban trends.
Prerequisite: MUSI 233 or 302.

MUSI 304-3 (BC=3)
(3-0) 15 weeks
History of Medieval, Renaissance and Baroque Music
A performance-lecture survey of the styles, composers, and performers of the Medieval, Renaissance and Baroque periods of music history.
Prerequisite: MUSI 233.
Note: Skill in music reading is an asset.

MUSI 321-5 (BC=5)
(4-3) 15 weeks
Music Business: Career and Products
A study of the business of music as it pertains to music products and the retail industry, with emphasis on product areas, marketing and sales. Throughout the practicum portion, the students will participate in "hands-on" approaches to a variety of marketing and production situations. Students will be expected to complete a minimum of 45 practicum hours (20 hours must be in the area of retail music in order to attend the NAMM Show in January).
Prerequisite: 2nd year Music Diploma student or consent of the Department.

MUSI 322-5 (BC=5)
(4-3) 15 weeks
Music Business: Performance
A study of the business of music as it pertains to the performing musician, with emphasis on booking, touring, and the recording industry. Throughout the practicum portion, the students will participate in "hands-on" approaches to a variety of marketing and production situations. Students will be expected to complete a minimum of 45 practicum hours (20 hours must be in the area of performance, booking, and/or tours.
Prerequisite: Music Diploma student or consent of the Music Department.

MUSI 346-3 (BC=3)
(3-0) 15 weeks
Comprehensive Music Theory III
Review of harmonic progression and voice-leading principles employed in the 17th and 18th centuries; harmonic analysis, harmonic progression, and four-part writing techniques for 19th-century music including borrowed chords, Neapolitan 6th chords, augmented 6th chords, and modulation techniques; analysis of major musical forms (sonata, rondo, and theme and variations).
Prerequisite: MUSI 250 or MUSI 258.

MUSI 347-3 (BC=3)
(3-0) 15 weeks
Comprehensive Music Theory IV
Analysis and part writing techniques incorporating extended and chromatic harmonies from the 19th and 20th centuries (9th, 11th, and 13th chords, altered dominants, chromatic mediants, coloristic chords, quartal chords, polychords), and serialism.
Prerequisite: MUSI 346.

MUSI 348-3 (BC=3)
(3-0) 15 weeks
Comprehensive Aural and Keyboard Skills III
The aural study of music theory concepts covered in MUSI 346 using sight-singing, dictation, and keyboard harmony.
Prerequisite: MUSI 250 & 251; or MUSI 258 & 260.
Prerequisite or Co-requisite: MUSI 346.

MUSI 349-3 (BC=3)
(3-0) 15 weeks
Comprehensive Aural and Keyboard Skills IV
The aural study of music theory concepts covered in MUSI 347 using sight-singing, dictation, and keyboard harmony.
Prerequisite: MUSI 346 and 348.
Prerequisite or Co-requisite: MUSI 347.

MUSI 357-3 (BC=3)
(3-0) 15 weeks
Contemporary Theory III
MUSI 257/258 continued. Third term theory. This course is practical in content, scope, and approach. It is meant to assist the 'working' musician in applying fundamentals.
Prerequisite: MUSI 250 or 258.

MUSI 358-3 (BC=3)
(3-0) 15 weeks
Contemporary Theory IV
MUSI 357 continued (fourth term theory).
Prerequisite: MUSI 357.

MUSI 359-3 (BC=3)
(0-3) 15 weeks
Contemporary Aural Skills III
Third term aural study of materials in MUSI 357.
Prerequisite: MUSI 250 and 251; or MUSI 258 and 260.
Prerequisite or Co-requisite: MUSI 357.

MUSI 360-3 (BC=3)
(0-3) 15 weeks
Contemporary Aural Skills IV
Fourth term aural study of materials in MUSI 358.
Prerequisite: MUSI 357 and 359.
Prerequisite or Co-requisite: MUSI 358.

MUSI 361-3 (BC=3)
(3-0) 15 weeks
Composition I
Development of basic composition skills. Principles of orchestra, band, choral, and popular instrument writing. Concepts and practices of MIDI workstation and computer assisted composition.
Prerequisite: B or better in MUSI 250 and 251; or MUSI 258 and 260.

MUSI 362-3 (BC=3)
(3-0) 15 weeks
Composition II
Second term study of the MUSI 361 course. Emphasis is on extended compositions and workstation/computer use.
Prerequisite: MUSI 361.

MUSI 397-4 (BC=4)
(1-2) 30 weeks
Performance Practicum
Offered over the fall and winter terms. Activities depend on your area of study.
Prerequisite: Minimum of 29 first-year credits completed.
Co-requisite: MUSP 360/460.

MUSI 398-4 (BC=4)
(1-2) 30 weeks
Theory Practicum
Offered over the fall and winter terms. Activities depend on your area of study.
Prerequisite: Minimum of 29 first-year credits completed.
Co-requisite: MUSI 361/362.

MUSI 400-3 (BC=3)
(120 hours) Includes 10 hours lecture
Merchandising Practicum II
The student will be required to intern in a particular area of the Music Industry as it pertains to their individual career focus. Examples of placements may include such things as touring, sales, or private studio teaching. Possible options must be approved by the Merchandising instructor well in advance of the proposed placement.
Prerequisite: MUSI 322 or consent of the Department.
Note: This course will be evaluated using a credit/no-credit grading system.

MUSI 401-2 (BC=2)
(2-0) 15 weeks
Graduation Recital
A public recital/concert of at least thirty minutes in length. The program should consist of material studied during the student's time as a Music Diploma student. A combination of solo and ensemble material is acceptable as approriate to the student's major instrument of study and upon approval of the student's instructor.
Co-requisite: MUSP 460.

MUSP 145-3 (BC=3)
(1-0) 15 weeks
Principal Instrument Study I
Fifty-five minute weekly private lessons in a principal musical instrument or voice. Emphasis is on technique, style, musicianship, and interpretation, and on developing repertoire and performance experience.
Prerequisite: Open to Music Diploma students by successful performance audition.
Note: Not eligible for challenge.

MUSP 245-3 (BC=3)
(1-0) 15 weeks
Principal Instrument Study II
MUSP 145 continued.
Prerequisite: MUSP 145
Note: Not eligible for challenge.

MUSP 360-3 (BC=3)
(1-0) 15 weeks
Principal Instrument Study III
MUSP 245 continued .
Prerequisite: MUSP 245
Note: Not eligible for challenge.

MUSP 460-3 (BC=3)
(1-0) 15 weeks
Principal Instrument Study IV
MUSP 360 continued.
Prerequisite: MUSP 360
Note: Not eligible for challenge.

MUSS 145-2 (BC=2)
(1-0) 15 weeks
Secondary Instrument Study
Forty-five minute weekly private lessons in instrument or voice. Emphasis is on technique and musicianship. May be repeated for credit.
Note: MUSS private lessons are open (by audition) to students from all departments in the college.
Note: Not eligible for challenge.

Nursing

(Open to Nursing students only.)

INTP 301-1 (BC=1)
(0-0-2) 7 weeks
Competency Screen
Provides an opportunity for nursing applicants to practice and demonstrate previously attained knowledge and skills from an approved Nursing Program. This assessment will partly determine placement within a RDC Nursing Program.

***NURS 215-3 (BC=3)**
(3-0) 15 weeks
Anatomy
A survey of the structure of the human body.

NURS 230-3 (BC=3)
(3-0) 15 weeks
Human Physiology and Pathophysiology I
Underlying concepts with a focus on the body systems responsible for communication and control of body functions. Selected topics in pathophysiology related to these systems.
Co-requisite: NURS 215.

NURS 231-3 (BC=3)
(3-0) 15 weeks
Human Physiology and Pathophysiology II
Human Physiology with a focus on systems responsible for body maintenance and regulation. Selected topics in pathophysiology related to these systems.
Prerequisite: NURS 230 , NURS 215.

***NURS 273-3 (BC=3)**
(3-0) 15 weeks
Integrated Medical Microbiology
Relevant medical microbiology concepts integrated into nursing through context based learning.

NURS 280-5 (BC=5)
(6-4S-3) 7 weeks
Nursing in Context A
Introduction to the professional discipline of nursing, communication theory, and context based learning. The primary health care emphasis is on health promotion and disease prevention across the life span. Restoration and rehabilitation will be introduced. Health assessment and basic nursing skills will be introduced.

NURS 281-5 (BC=5)
(3-0-15) 7 weeks
Nursing Practice I
Beginning nursing practice with a focus on health promotion and interaction with clients across the life span in a variety of non.traditional settings.
Prerequisite: NURS 280.

NURS 284-5 (BC=5)
(6-4S-3) 7 weeks
Nursing in Context A1
A continuation of the study of concepts introduced in NURS 280 with a focus on teaching and learning principles and increased health assessment and basic nursing skills.
Prerequisites: NURS 280, 281.

NURS 285-6 (BC=6)
(3-0-24) 7 weeks
Nursing Practice II
Nursing practice includes health status assessment of clients and appropriate health promotion and disease prevention interventions. Practice occurs in settings where clients live or in community agencies (non-acute) where services to clients are offered.
Prerequisites: NURS 280, 281.

NURS 305-3 (BC=3)
(3-0) 15 weeks
Pharmacotherapeutics
Foundations of pharmacodynamic and pharmacokinetic principles are introduced. Identification of common drugs, as well as their classification into legal and therapeutic classes, intended action, side effects, and clinical uses, will be discussed. Examples from evidence-based practice will facilitate incorporation of information into nursing practice.

NURS 380-5 (BC=5)
(6-4S-3) 7 weeks
Nursing in Context B
Within the context of primary health care, the focus shifts to restoration, rehabilitation and support of clients experiencing chronic and less acute variances in health. Discussion related to health promotion and disease prevention continues. Intermediate health assessment and nursing skills will be introduced.
Prerequisites: NURS 284, 285.

NURS 381-7 (BC=7)
(3-0-28) 7 weeks
Nursing Practice III
Nursing practice will focus on restoration, rehabilitation and support (including health promotion and disease prevention) of clients with chronic and less acute variances in health across the life span. Practice will occur primarily in primary level acute care centres and continuing care agencies.
Prerequisites: NURS 284, 285.

NURS 384-5 (BC=5)
(6-4S-3) 7 weeks
Nursing in Context B1
Continuation of NURS 380 with increasing situational complexity.
Prerequisites: NURS 380 and 381 or 385 or permission of chair.

NURS 385-7 (BC=7)
(3-0-28) 7 weeks
Nursing Practice IV
Practice focuses on health across the life.span in child-birth facilities, homes, community health clinics, schools and other community based settings. Integration of the concepts of primary health care, health promotion & disease prevention and determinants of health are examined in the community context.
Prerequisites: NURS 284, 285.

NURS 390-5 (BC=5)
(6-4S-3) 7 weeks
Nursing in Context C
Within the context of primary health care focus is on restoration, rehabilitation and support of clients experiencing more acute variances in health. Discussion related to health promotion and disease prevention continues. Advanced health assessment and nursing skills will be introduced.
Prerequisites: NURS 215, 274, 381, 384, 385.

NURS 391-7 (BC=7)
(3-0-28) 7 weeks
Nursing Practice V
Nursing practice will focus on restoration, rehabilitation and support (including health promotion and disease prevention) of clients experiencing more acute variances in health across the life span. Practice will occur in primary, secondary and tertiary level acute care settings.
Prerequisites: NURS 215, 274, 381, 384, 385.

NURS 394-5 (BC=5)
(6-4S-3) 7 weeks
Nursing in Context C1
Continuation of NURS 390 with increasing situational complexity. Credit is given for Health Assessment upon successful completion of the term.
Prerequisites: NURS 390 and 391 or 395 or permission of the chair.

NURS 395-7 (BC=7)
(3-0-28) 7 weeks
Nursing Practice VI
This clinical course provides students with opportunity to work with clients experiencing mental health issues and/or addictions. Students have an opportunity to develop therapeutic relationships with clients, families, groups and/or aggregates to recognize community as client. Nursing practice over a continuous block of time occurring in a variety of settings.
Prerequisites: NURS 215, 274, 381, 384, 385.
Note: Not eligible for challenge.

4th Year University of Alberta Degree Completion Nursing Courses (from the University of Alberta Calendar)
Note: Students are required to complete all 3rd year courses in order to proceed to the 4th year of the program.

NURS 301-3 (BC=3)
(3-0) 15 weeks
Nursing Research
Introduction to the process of research through a comparative analysis of selected studies exemplifying different theoretical, methodological, and analytical approaches. Emphasis is on the communicability of research, the needs of the research consumer, and the development of skills of critical appraisal.
Prerequisite: NURS 304.

NURS 304-3 (BC=3)
(3-0) 15 weeks
Using and Interpreting Statistics for Nursing Research
An introduction to reading, understanding and interpreting commonly used statistics in published health sciences research. Provides hands-on approach to understanding measurement, sampling, and common statistical analysis techniques through critical appraisal of results from published health care studies.

NURS 461-7 (BC=7)
(0-1S-34c) 10 weeks
Nursing Practice VII, Internship Route
During a Spring/Summer placement of 10 weeks in a sponsoring agency, the student will manage and care for clients in ambiguous, complex situation.
Prerequisites: NURS 390, 391, 394, 395, and 396 or 301. Consent of the Faculty is also required.

NURS 490-5 (BC=5)
(6-6S-3) 7 weeks
Nursing in Context D
A comprehensive approach to primary health care components in the care of clients in complex, ambiguous situations. Case management and multidisciplinary leadership skills are emphasized. Students may have the opportunity to lead a multidisciplinary student group.
Prerequisites: NURS 301, 391, 394, 395.

NURS 491-7 (BC=7)
(3-2-26) 7 weeks
Nursing Practice VII
Management and care of clients in ambiguous, complex situations occurring over a variety of settings.
Prerequisites: NURS 301, 391, 394, 395.
Prerequisites or Corequisite: NURS 490.

NURS 494-3 (BC=3)
(6-0-3) 4 weeks
Nursing in Context D1
Synthesis and focus of nursing knowledge and application of nursing research in a specified area of practice. To be permitted to enroll in this course, students must have passed all courses of their nursing program, except the co-requisite NURS 495.

NURS 495-9 (BC=9)
(1-0-34) 10 weeks
Nursing Practice VIII
Comprehensive and consolidated approach to professional practice of nursing in an area of special interest to the student.
Co-requisite: NURS 494.

Occupational Therapist & Physiotherapist Assistant

OPTA 102-4 (BC=5)
(45 lecture, 45 lab)
Presenting Conditions I
Fundamentals of the structure and function of the musculoskeletal system with application to a selection of disabling conditions based on broad diagnostic categories and encompassing musculoskeletal conditions specific to all populations.
Prerequisites: OPTA 116, 125.

OPTA 105-3 (BC=4)
(30 lecture, 30 lab)
Professional Communication I
Development of verbal and non-verbal communication and active listening skills relative to rehabilitation and social situations. Health care issues related to privacy, communication, and inter-professional collaboration are addressed in relation to team building, conflict resolution, professionalism, teaching and learning.

OPTA 106-3 (BC=4)
(30 lecture, 30 lab)
Professional Communication II
Development of communication skills, individually and in group settings, exploring the relationship between values, beliefs and effective interpersonal communication in a variety of therapeutic and healthcare settings. Learners will develop and use effective communication techniques that demonstrate personal awareness, empathy, respect and active listening skills.
Prerequisite: OPTA 105.

OPTA 110-2 (BC=2)
(30 lecture)
Professional Practice I
Understand the diversityof roles within the health caresystem by comparing medical models and the rehabilitation model of care. Explain and discuss the principles that guide rehabilitation and become familiar with the organization of the provincial and federal health care systems as well as the roles, responsibilities and interpretations of health professionals.

OPTA 114-3 (BC=3)
(45 lecture)
Concepts in Mental Health
Introduction to mental health and illness in particular, psychiatric disability both as a primary diagnosis and as a secondary diagnosis in the case of those with a physical disability. Familiarization with characteristics of psychiatric disability, general management of common disorders, service provision and mental health practice through a client-centered approach.
Prerequisites: OPTA 105; PSYC 205.

OPTA 116-4 (BC=4)
(60 lecture)
Anatomy & Physiology
An introduction to the normal structure and function of the human body using a systematic approach.

OPTA 120-6 (BC=6)
(60 lecture, 45 lab)
Therapeutic Skills I
Application of therapeutic activities/ interventions to promote performance for treating patients/clients who possess impairments resulting from usculoskeletal disorders. Principles of activity selection, planning and application will be applied to related functional disabilities. The use of assistive devices to enable functional independence will also be addressed.
Prerequisites: OPTA 116, 105, 125.

OPTA 125-3 (BC=5)
(45 lecture, 30 lab)
Rehabilitation Concepts
An introduction to rehabilitation concepts that are applied across the life span. Health status, wellness, and influencing factors are examined with a consurrent review of health care and the services provided. Includes the basic theories and rationale of therapeutic interventions for treating patients/clients due to musculoskeletal disorders.

OPTA 130-2 (BC=2)
(90 hours)
Practicum I
An introduction to the professional rehabilitation environment providing applied experiences in the area of musculoskeletal injuries.
Prerequisites: OPTA 102, 106, 114, 120.

OPTA 202-4 (BC=5)
(45 lecture, 30 lab)
Presenting Conditions II
Fundamentals of neurological structures focusing on the central and peripheral nervous system with application to a selection of disabling conditions based on broad diagnostic categories and encompassing neurological conditions specific to all populations. Course also includes discussion of the basic concepts of function, health, and disease processes related to these systems.
Prerequisites: OPTA 102, 120.

OPTA 210-3 (BC=3)
(45 lecture)
Professional Practice II
Ethical issues in occupational therapy and physiotherapy will be explored along with documenting therapeutic interventions involving the recording of relevant client information accurately and effectively. Using OSCE (objective structured clinical examination) students will be assessed in the areas of musculoskeletal, neurological, mental health and cardio-respiratory rehabilitation in a variety of the therapeutic environments.
Prerequisite: OPTA 110.

OPTA 215-2 (BC=2)
(30 lecture)
Communication Impairment
A review of communication challenges associated with neurological and sensory impairments that inhibit effective communication. Focus is on practical skills that will enhance communication with people who have speech and language impairment.

OPTA 220-6 (BC=6)
(60 lecture, 45 lab)
Therapeutic Skills II
Theory and the application of therapeutic strategies/interventions employed in the rehabilitative treatment of adult patients/ clients with motor and/orsensory impairments resulting from a neurological and/or mental health disorder. Application of a variety of intervention strategies to promote functional independence, occupation performance and active living.
Prerequisites: OPTA 102, 120.

OPTA 230-4 (BC=4)
(180 hours)
Practicum III
Applied theory to further develop skills related to neurological rehabilitation and/ or mental health. Application of and expansion upon a variety of intervention strategies working with clients presenting a neurological and/or mental health condition.
Prerequisites: OPTA 202, 215, 220.

OPTA 302-4 (BC=5)
(45 lecture, 30 lab)
Presenting Conditions III
Fundamental of normal physiological function and disorder. This includes an overview of the endocrine and lymphatic systems, as related to the structure and function of the cardiovascular and respiratory systems and disabling conditions specific to pediatric, adult and geriatric populations.
Prerequisites: OPTA 102, 202.

OPTA 320-6 (BC=6)
(60 lecture, 45 lab)
Therapeutic Skills III
Theory and application on how to improve functional abilities and prevent further disability of clients with circulatory, respiratory and endocrine disorders. Includes physiological aspects of the disease processes and its impact on functional performance. Introduction and application of intervention strategies to assist clients to achieve optimal functional independence.
Prerequisites: OPTA 202, 220.

OPTA 330-5 (BC=6)
(230 hours)
Practicum III
Application of accumulated knowledge and skills in a variety of complex rehabilitation environments to further understand and promote their role as an OTA/PTA
Prerequisites: OPTA 210, 302, 320.

Pharmacy Technician

(Open to Pharmacy Technician students only.)

PHAR 110-3 (BC=3)
(3-1) 15 weeks
Pharmacy Practice I
Includes medical terminology, the prescription process, dispensing function, pharmacy references, dosage forms, precaution labels, introduction to pharmacy.

PHAR 111-3 (BC=3)
(3-1) 15 weeks
Pharmacy Practice II
Course deals with over-the-counter medications available in Canada.
Prerequisite: PHAR 110.

PHAR 120-2 (BC=2)
(0-5) 15 weeks
Dispensing I
All aspects of dispensing. Filling prescriptions and completing all required pricing, record-keeping and computer functions.

PHAR 121-2 (BC=2)
(0-5) 15 weeks
Dispensing II
All aspects of dispensing continued. Principles of compounding and how they are applied in preparing a variety of pharmaceuticals.
Prerequisite: PHAR 110, 120, 130, 140, 161, 180.

PHAR 130-3 (BC=3)
(3-0) 15 weeks
Pharmacy Laws and Agreements
The relationship between pharmacists and pharmacy technicians. The responsibilities and authority of each position. Related Acts and the records required for acquiring and using pharmaceuticals. Contracts for payment by third party paying agencies. Payment forms.

PHAR 140-3 (BC=3)
(3-0) 15 weeks
Pharmaceutical Calculations
Mastering accurate calculations in: dispensing, pricing, systems of measure, compounding mixtures and dilutions, and preparing parenteral products, as they apply in pharmacy.

PHAR 151-3 (BC=3)
(3-0) 15 weeks
Hospital Pharmacy
Practice of pharmacy in an institutional setting. Guidelines for hospital pharmacies. The principles of preparing pharmaceuticals and antineoplastic drugs under aseptic conditions.
Prerequisite: PHAR 110, 120, 140, 180.

PHAR 155-1 (BC=1)
(0-3) 15 weeks
Aseptic Technique
Group and individual instruction in preparing sterile products under aseptic conditions. Preparing antineoplastic drugs.
Prerequisite: PHAR 110, 120, 140, 180.
Prerequisite or Co-requisite: PHAR 151.

PHAR 161-1 (BC=1)
(0-3) 15 weeks
Computer Skills
Knowledge of and skill on pharmacy software.

PHAR 171-3 (BC=3)
(3-0) 15 weeks
Community Pharmacy
Basics of merchandising and operating community retail pharmacies. Pharmacy location and layout. Merchandising. Purchasing and inventory management. Pricing. Advertising and promotion.

PHAR 180-3 (BC=3)
(3-1) 15 weeks
Pharmacology I
The major drug classes used in health care. Related anatomy, physiology, and medical conditions. Pharmacology, terminology, and medications. Becoming familiar with the generic, trade and manufacturers' names of 400 common medications. Content includes: antimicrobial drugs, autonomic meds, CNS meds, respiratory meds, gastrointestinal meds.

PHAR 181-3 (BC=3)
(3-1) 15 weeks
Pharmacology II
The major drug classes used in health care. Related anatomy, physiology, and medical conditions. Pharmacology, terminology, and medications. Becoming familiar with the generic, trade and manufacturers' names of 400 common medications. Content includes: musculo-skeletal meds, cardiovascular meds, endocrine meds, dermatological meds, eye and ear meds.
Note: PHAR 180 does not have to precede PHAR 181.

PHAR 191-3 (BC=3)
Retail Pharmacy Practicum
Community Pharmacy (160 hrs, 4 week block)
Practical experience in a community pharmacy. Placements will be in locations across the province,or outside the province, so there may be extra expenses.
Prerequisite: Passing grades in all Pharmacy courses and an overall GPA of 2.0.
Note: This course is not eligible for Recognition of Prior Learning.

PHAR 192-3 (BC=3)
Hospital Pharmacy Practicum
Hospital Pharmacy (160 hours, 4 week block)
Practical experience in a hospital pharmacy. Placements will be in locations across the province,or outside the province, so there may be extra expenses.
Prerequisite: Passing grades in all Pharmacy courses and an overall GPA of 2.0.
Note: This course is not eligible for Recognition of Prior Learning.

Philosophy

Note: Not all courses listed may be offered. Check Course Timetable for availability.

Note: 200-level Philosophy courses do not require previous Philosophy. PHIL 201, 202 and 222 are recommended if you intend to major in Philosophy.

Note: There are no prerequisites for 300-level courses (except for PHIL 389). You will find it helpful, however, to take PHIL 202 before taking any 300-level courses. PHIL 201 will provide valuable background for PHIL 339, 340, 348, 355 and 386.

PHIL 201-3 (BC=3)
(3-0) 15 weeks
Values and Society
The classical problems of Western philosophy. Studying and discussing selected philosophical classics and contemporary works. Emphasis is on questions of moral and other values, and on the nature of society and justice.
Note: Do not take if you have credit in PHIL 239 or 240.

PHIL 202-3 (BC=3)
(3-0) 15 weeks
Knowledge and Reality
The classical problems of Western philosophy. Studying and discussing selected philosophical classics and contemporary works. Emphasis is on questions of the nature and extent of human knowledge, and classic problems about the nature of reality and our place in it.
Note: Do not take if you have credit in PHIL 230 or 240.

PHIL 221-3 (BC=3)
(3-0) 15 weeks
Practical Logic
Informal and elementary formal methods and principles used to distinguish correct and incorrect reasoning. Informal fallacies, definitions, and elementary principles of scientific method.

PHIL 222-3 (BC=3)
(3-0) 15 weeks
Symbolic Logic I
Basic concepts of logic: consistency, logical truth, entailment, equivalence. Symbolization of natural language inferences using sentential and predicate logic. Formal syntax of sentential and predicate logic. Natural deduction for sentential logic. Introduction to the semantics and metatheory of sentential logic: truth-tables, truth-functional completeness, soundness and completeness of the natural deductive system, compactness.

PHIL 300-3 (BC=3)
(3-0) 15 weeks
Professional Ethics
This course is designed to acquaint students with the range of ethical questions and issues that arise for practitioners of various professions. Students will develop their critical and analytical skills in their own arguments designed to appraise and develop good ethical positions on a variety of issues and problems common to many professions, problems like: professional responsibility, the use of codes of ethics in making good ethical decisions, privacy and client confidentiality, professional client-practitioner relationships, issues of public and private ethical responsibility.

PHIL 301-3 (BC=3)
(3-0) 15 weeks
The Theory of Knowledge
Epistemology is the study of the origin, nature, methods, and limits of knowledge. Topics: Truth, skepticism, representationalism, and phenomenalism. Rational belief and the criteria of knowledge. Theories of justification, including foundationalism and coherentism. Externalist theories, including reliabilism and naturalism. The possibility of a priori knowledge and the justification of induction.

PHIL 321-3 (BC=3)
(3-0) 15 weeks
Metaphysics
Topics may include freedom of the will, the mind-body problem, and the nature of time. The character of metaphysical reasoning.

PHIL 323-3 (BC=3)
(3-0) 15 weeks
Philosophy of Mind
What it means to be a person and have a mind. The relationship of philosophical ideas to scientific studies of mental phenomena. Topics may include: The mind-body relationship, personal identity, memory, imagination, intention, desire, emotion, and sensation.

PHIL 339-3 (BC=3)
(3-0) 15 weeks
Ethics
Questions of right and wrong, good and evil, and reasons for action. The ethical theories of authors such as: Plato, Aristotle, Hobbes, Kant, J.S. Mill, and John Locke.

PHIL 340-3 (BC=3)
(3-0) 15 weeks
Advanced Ethics
Consequentialist versus non-consequentialist views. Meaning and objectivity in morals. Free will and moral responsibility. The ethics of virtue. Contractarian ethics.

PHIL 341-3 (BC=3)
(3-0) 15 weeks
Ancient Philosophy
Ancient Greek philosophy. Examining the one/many problem. Considering pre-Socratic philosophy by studying Pythagoreanism, Heraclitus, Parmenides and Democritus. Examining Socrates through readings of Plato's ear ly dialogues, considering Plato in detail. Emphasis is on the development of Plato's Theory of Forms.

PHIL 342-3 (BC=3)
(3-0) 15 weeks
Aristotle and Hellenistic Philosophy
Studying the works of Aristotle dealing with ontology, epistemology, logic and ethics. Examining some of the leading figures in the schools of Epicureanism and Stoicism. Considering Scepticism as exhibited by Pyrronism and the Academics.

PHIL 345-3 (BC=3)
(3-0) 15 weeks
Descartes to Kant
Early modern philosophy. Examining rationalist and empiricist traditions of the seventeenth and eighteenth centuries. Descar tes' so -called "epistemic turn". Identifying and isolating the epistemological problems generated by this epistemic turn. Examining possible solutions (if any) to these problems using works by authors such as Leibniz, Locke, Berkeley, Hume and Kant.

PHIL 347-3 (BC=3)
(3-0) 15 weeks
Kant to Russell
Eighteenth, nineteenth and twentieth century philosophy. Studying and discussing a variety of issues including epistemological, metaphysical, ethical and logical. Considering the theories of authors such as Kant, Fichte, Hegel, J.S. Mill, Sartre, and Russell.

PHIL 348-3 (BC=3)
(3-0) 15 weeks
Philosophy and Women
An introduction to philosophical examination of the concepts, discussions, ethical issues and controversies arising from a consideration of the role and status of women based on the social and political influences from the past and present and the influences of various schools of philosophy and feminist thought.

PHIL 350-3 (BC=3)
(3-0) 15 weeks
Philosophy of Art
This course is designed to acquaint students with various aspects of art criticism, evaluating and critically appraising the claims and arguments found in critical discourse and in philosophical texts elaborating aspects of art criticism. Students should develop sound analytical skills necessary to construct good arguments of their own in which they move beyond the uncritical acceptance of beliefs about the nature of art, the knowledge of art and the judgements of value about art.

PHIL 355-3 (BC=3)
(3-0) 15 weeks
Philosophy of the Environment
Designed to bring traditional and contemporary philosophical theories and methods to bear on issues raised by our relationship to the environment. The ethical, aesthetic, or metaphysical ramifications of certain major environmental problems, such as pollution, overpopulation, or resource exhaustion will be considered.

PHIL 357-3 (BC=3)
(3-0) 15 weeks
Philosophy of Religion
The concept of religion. Arguments for and against the existence of God. Meaning and intelligibility in religious language.

PHIL 364-3 (BC=3)
(3-0) 15 weeks
Philosophy of Science I
The philosophy of natural science. Hypothesis testing. The nature of causation, law, and explanation.

PHIL 365-3 (BC=3)
(3-0) 15 weeks
Philosophy of Science II
The debate over the possibility of objectivity in the social sciences, which began with the wo rk of Max Weber. Positivism. Hermeneutics. Critical theory. Ethnomethodology.

PHIL 369-3 (BC=3)
(3-0) 15 weeks
Phenomenology and Existentialism
This course involves the critical examination of some of the major writings of European philosophers to, in part, provide an introduction to the background and main themes of existentialist philosophy and existentialist phenomenology. Authors such as Kierkegaard, Nietzsche, Heidegger and Sartre may be considered.

PHIL 375-3 (BC=3)
(3-0) 15 weeks
Science and Society
The intellectual, cultural and social dimensions of science and their implications. Topics may include the impac t of the Newtonian revolution, mechanism, materialism and Darwinism, and the nature of objectivity and rationality.

PHIL 386-3 (BC=3)
(3-0) 15 weeks
Philosophy and Health Care Issues
Concepts and issues central to health care knowledge and practice. Rights and responsibilities of patients and health care personnel. Passive and active euthanasia. Abortion. Medical research and experimentation. Disclosure of diagnosis and risks. Death and suffering.

PHIL 388-3 (BC=3)
(6-0) 7 weeks
Philosophy and Nursing
This course involves elementary methods and principles for analyzing reasoning in everyday contexts as well as a philosophical examination of concepts and issues central to knowledge and practice in nursing.
Note: This course is available only to students registered in the BScN-Collaborative Program.

PHIL 389-3 (BC=3)
(3-0) 15 weeks
Symbolic Logic II
Syntactical and semantic aspects of predicate logic and predicate logic with identity: truth-trees and the decision problem; natural deduction; elementary modal theory; soundness and completeness of the natural deduction systems; compactness; the Lowenheim-Skolem theorem; introduction to second-order logic.
Prerequisite: PHIL 222 or consent of the Department.

PHIL 399-3 (BC=3)
(3-0) 15 weeks
Philosophy and Computing
Philosophical themes and problems using fifth generation computer technology. Mainstream topics in philosophy as they apply to modern technological society. Topics are chosen that can be illustrated in a programming language. The focus will be on the philosophical topic, not the computing language. As most of these issues are currently researched using artificial intelligence, we will use PROLOG and/or an expert system shell.

Physical Education and Sport Studies

(See Kinesiology and Sport Studies)

Physics

Note: Not all courses listed may be offered. Check Course Timetable for availability.

PHYS 075-4 (BC=4)
(4-1) 15 weeks
Introductory Physics
See "Career and Academic Preparation Courses," page 218.

PHYS 095-5 (BC=5)
(4-1S-2) 15 weeks
Preparatory Physics
See "Career and Academic Preparation Courses," page 218.

PHYS 205-3 (BC=4)
(3-3) 15 weeks
Introductory General Physics I (Mechanics)
A non-calculus course in physics. Kinematics, vectors, and forces in equilibrium. Linear and rotational motion. Dynamics of particles (oscillations).
Prerequisite: Physics 30 or equivalent. Math 30 (Pure).

PHYS 224-3 (BC=4)
(3-0-3) 15 weeks
Particles and Waves
Algebra-based course for students in life, environmental, and medical sciences. It guides the student through two distinct types of motion: motion of matter (particles) and wave motion. Vectors, forces, bodies in equilibrium, elasticity and fracture; review of kinematics and basic dynamics; conservation of momentum and energy; circular motion; vibrations; waves in matter; wave optics; sound; black body radiation, photons, de Broglie waves; models of the atom. Examples relevant in environmental, life, and medical sciences will be emphasized.
Prerequisites: Physics 20 or equivalent, Math 30 (Pure). Physics 30 is strongly recommended.
Note: Credit may be obtained for only one of PHYS 205, 224, 241, 244 or ENPH 231.
Note: PHYS 224 should be followed by PHYS 226.

PHYS 226-3 (BC=4)
(3-0-3) 15 weeks
Fluids, Fields, and Radiation
Fluid statics and dynamics, gases, kinetic interpretation; electrostatics; currents and circuits; magnetic fields; electromagnetic induction; nuclear radiation, its interaction with matter and applications.
Prerequisite: PHYS 205.
Note: Credit may be obtained for only one of PHYS 207, 226, 246, 247 or 269.

PHYS 241-3 (BC=4)
(3-1S- 3) 15 weeks
Mechanics
Kinematics. Particle dynamics. Work and energy. Linear momentum. Rotational kinematics. Rotational dynamics. Equilibrium of rigid bodies.
Prerequisite: Physics 30 and Math 30 (Pure).
Co-requisite: MATH 202 (203) or 212.
Note: You can have credit in only one of PHYS 203, 205, 231, or 241.

PHYS 244-3 (BC=4)
(3-1S-3) 15 weeks
Newtonian Mechanics and Relativity
A calculus-based course for students majoring in the physical sciences. Newtonian mechanics, including kinematics, dynamics, conservation of momentum and energy, rotational motion and angular momentum; special relativistic kinematics and dynamics, including length contraction, time dilation, and the conservation of energy and momentum in special relativity.
Prerequisites: Math 30 (Pure), Physics 30.
Corequisities: MATH 202 or 203 or 212 or equivalent.
Note: Credit may be obtained for only one of PHYS 205, 224, 241, 244 or ENPH 231.

PHYS 246-3 (BC=4)
(3-1S-3) 15 weeks
Fluids and Waves
A calculus-based course for students majoring in the physical sciences. Fluid statics and dynamics, elasticity and simple harmonic motion; sound waves, wave properties of light; quantum waves, wave-particle duality.
Prerequisite: PHYS 244.
Corequisite: MATH 204 or equivalent.
Note: Credit may be obtained for only one of PHYS 207, 226, 246, 247 or 269.

PHYS 247-3 (BC=4)
(3-1S-3) 15 weeks
Waves, Optics and Thermal Physics
Oscillations, simple harmonic motion, waves. Gravitation. Sound. Light, geometrical optics, optical instruments, interference and diffraction. Fluids. Kinetic theory. Heat and thermodynamics.
Prerequisite: PHYS 241 or ENPH 231.
Co-requisite: MATH 204 or 213.
Note: You can have credit in only one of PHYS 206, 207, 237, 243, 247, or 269.

PHYS 269-3 (BC=4)
(3-1S-3/2) 15 weeks
Wave Motion, Optics and Sound
Geometrical optics, optical instruments. Oscillations, waves, sound, light, interference and diffraction. Simple harmonic motion.
Prerequisites: Physics 30, Math 30 (Pure)and 31.
Co-requisites: MATH 202 or 203 or 212. ENGG 230.
Note: You can have credit in one of PHYS 207, 247, or 269.
Note: For engineering students only.

PHYS 356-2 (BC=2)
(3-1S-3/2) 8 weeks
Electricity
(First half of PHYS 359 up to and including DC circuits)
Note: Only for Engineering Students bound for the University of Regina.
Note: You can have credit in only one of PHYS 355, 356, 359.

PHYS 359-3 (BC=4)
(3-1S-3/2) 15 weeks
Electricity and Magnetism
Electric charge. Electric potential. Gauss's Law. Capacitance. Electric currents. Electromotive force. DC circuits. Magnetic Field. Ampere's Law. Faraday's Law. AC circuits. Electric and magnetic properties of materials.
Prerequisite: PHYS 241 or ENGG 230, or PHYS 207 and permission of Department.
Co-requisites: MATH 204 or 213. PHYS 247 or 269 or 237.
Note: You can have credit in only one of PHYS 355 and 359.
Note: For engineering students only or the consent of the department.

Physiology

PSIO 258-3 (BC=3)
(3-0-0) 15 weeks
Elementary Physiology I
Essentials of human physiology focus ing on systemic functions in the human body with emphasis on systems that respond and adapt to exercise stress. Topics will include the cardiovascular, respiratory, musculoskeletal, nervous and endocrine systems.
Prerequisite/Corequisite: KNSS 200.
Note: For Kinesiology students only.

PSIO 259-3 (BC=4)
(3-0-1) 15 weeks
Elementary Physiology II
Integrative human physiology focusing on functions of the human body with special emphasis on control and integration of these functions. The responses and adaptations to exercise will be used as a foundation upon which the concepts of control and integration will be discussed. Some tipics from PSIO 258 will be revisited to discuss control and integration of cellular and systemic function.
Prerequisite: PSIO 258.
Note: For Kinesiology students only.

PSIO 262-6 (BC=6)
(3-0), (3-0) 30 weeks
Elementary Physiology
Physiology of mammals and humans.
Prerequisite: Biology 30; Chem 30.

PSIO 263-6
(3-0), (3-0) 30 weeks
Human Physiology
Introductory course in human physiology.
Prerequisites: BIOL 217 or 218; plus 6 credits of university level chemistry.
Note: Credits may be obtained in only one of PSIO 262

Political Science

Note: Not all courses listed may be offered. Check Course Timetable for availability.

POLI 200-6 (BC=6)
(3-0) 30 weeks
Introduction to Political Science
The political institutions, processes, and problems in Canada and other democratic and non-democratic governments. Basic terminology. Classification of political systems. Ideologies. Democratic representation. Constitutions and civil liberties. Federalism. Legislatures, executives, and bureaucracy. Legal adjudication. Public opinion and voting behaviour. Political parties and interest groups. Basic issues in international relations.
Note: This course is required for all majors in Political Science.

POLI 201-3 (BC=3)
(3-0) 15 weeks
Introduction to Politics
An introduction to the basic concepts, ideologies, institutions and processes of politics. Not open to students who are taking or have taken POLI 200.
Note: This course is required for all Political Science majors.

POLI 223-3 (BC=3)
(3-0-0) 15 weeks
Canadian Political Issues
Selected themes in Canadian politics, such as federalism, and regionalism, the Charter of Rights, issues of diversity and citizenship, and how we are governed. Not open to students who are taking or have taken POLI 200 or POLI 321.

POLI 283-3 (BC=3)
(3-0) 15 weeks
Issues and Trends in World Politics
This course deals with major trends in world politics, such as international tensions, migration, ethnic and religious conflict, human rights and sustainable development.
Note: This course is required for all majors in Political Science.

POLI 300-6 (BC=6)
(3-0) 30 weeks
Comparative Political Systems
Selected major political systems of the present day. Relationships between political functions and socio-economic processes.
Note: This is the core course in comparative government and is a prerequisite for most 400 level courses in the field.

POLI 308-3 (BC=3)
(3-0) 15 weeks
History of Political Thought I (Plato to Machiavelli)
Equal to the first half of POLI 310.
Prerequisite: Not open to students in the first year without consent of the Department.

POLI 309-3 (BC=3)
(3-0) 15 weeks
History of Political Thought II (Hobbes to the Present)
Equal to the second half of POLI 310.
Prerequisite: Not open to students in the first year without consent of the Department.

POLI 310-6 (BC=6)
(3-0) 30 weeks
History of Political Thought
Survey course in Western political philosophy, including notable developments and major political philosophers. Plato, Aristotle, Machiavelli, Hobbes, Rousseau, Marx, and John Stuart Mill.
Prerequisite: Not open to students in the first year without consent of the Department.
Note: This is the core course in political theory and is a prerequisite for most 400 level courses in the field.

POLI 320-6 (BC=6)
(3-0) 30 weeks
Canadian National Government and Politics
Survey course. Basic concepts and terminology. Political culture. Ideologies and political parties. The social and economic context. Western alienation. Quebeçois nationalism. The Constitution. Charter of Rights. Federalism. Elections. Parliament, cabinet, bureaucracy. The judiciary. Political participation. Interest groups.

Prerequisite: Not open to students in the first year without consent of the Department.
Note: This is the core course in Canadian politics and is a prerequisite for most 400. level courses in this field.
Note: You cannot take POLI 320 if you have taken, or are taking, POLI 321.

POLI 321-3 (BC=3)
(3-0) 15 weeks
Canadian Government
Designed for students who want one senior course in political science. Survey course in the structure and functions of the federal, provincial, and local governments.
Note: You cannot take POLI 321 if you have taken, or are taking, POLI 320.

POLI 324-3 (BC=3)
(3-0) 15 weeks
Politics of Health Care
A comprehensive overview of health care in Canada. The development of the health care system. Legislative and philosophical groundings. Financing and delivery from a comparative perspective. Current stresses in the health care system.

POLI 328-3 (BC=3)
(3-0) 15 weeks
Elements of Public Administration
The major institutions, processes, and issues of public administration at the federal level in Canada. Government organization. Budgets. Policy making. Selected personnel issues. Democratic control. Accountability.

POLI 360-6 (BC=6)
(3-0) 30 weeks
International Relations
The nature of foreign policy. The dynamics of interactions between states. Causes of war. Imperialism. Role of non-state actors.
Note: This is the core course in international relations and is a prerequisite for most 400. level courses.
Prerequisite: Not open to students in the first year without consent of the Department. POLI 200 recommended.

POLI 388-3 (BC=3)
(3-0) 15 weeks
Politics and Global Trade - I
Democracy; the technological imperative; trade and ethics; international trade regimes and their politics.
Note: admission restricted to senior level students in University Transfer and Business Administration Programs, or by consent of the Department.

POLI 389-3 (BC=3)
(3-0) 15 weeks
Politics and Global Trade - II
The state in the global economy; trade facilitation federally and provincially; introduction to area studies.
Note: Admission restricted to senior level students in University Transfer and Business Administration Programs, or by consent of the Department.

Practical Nurse

PN 231-3 (BC=3)
(6.5-0) 7 weeks
Mental Health
Focus is on the promotion of mental health, prevention and management of mental disorders throughout the life cycle, within various health care settings.
Prerequisites: PN 225, 226, 227, 229.

PN 235-5 (BC=5)
(6.5-8.5) 7 weeks
Nursing Science III - Medical/Surgical Nursing
The focus of this course is the knowledge and skills required to provide safe, compteent, holistic care for the adult client who is experiencing acute alterations in health. Focus is on the principles underlying nursing actions, health promotion and the integration of concepts from other courses.
Prerequisite: PN 229.

PN 236-3 (BC-3)
(6.5-0) 7 weeks
Health Education
An overview of the physical, social, mental, environmental and spirtual aspects of health at the personal and community level. Health promotion for individuals and communities is addressed.

PN 237-6 (BC=6)
(271 clinical hours) 8 weeks
Acute Care Practice
Focus is on the nursing needs of clients throughout the life cycle in acute care settings.
Prerequisites: PN 231, 235, 236.

PN 242-3 (BC=3)
(5-0) 9 weeks
Pediatric Nursing
An introduction to the needs and nursing interventions related to children. Community resources and client teaching are addressed.
Prerequisites: PN 237.

PN 243-3 (BC=3)
(5-0) 9 weeks
Maternity Nursing
An introduction to the needs and nursing interventions of childbearing families. Community resources and client teaching are addressed.
Prerequisites: PN 237.

PN 246-3 (BC=3)
(5-0) 9 weeks
Community Nursing
An introduction to the concepts, theories and practices of community health nursing and health promotion as it relates to individuals, families and groups.
Prerequisites: PN 237.

PN 247-3 (BC=3)
(5-0) 9 weeks
Nursing Science IV - Transition to Graduate
Builds on previous learning in the areas of professionalism, leadership, and entry to practice. Critical thinking in the application and integration of previous learning is addressed to assist in the transition from the role of student to that of entry level graduate nurse.
Co-requisite: PN 242, 243, 246.
Prerequisite: PN 237.

PN 248-3
(116 hours of preceptored clinical) 3 week
Focus Practicum
Opportunities are provided to observe and apply nursing knowledge and skills in a variety of settings, such as mental health, maternity, and community. May include practice in a continuing care setting with a focus on leadership roles.
Prerequisites: PN 242, 243, 246, 247.

PN 249-4 (BC=4)
(155 hours preceptored clinical) 4 weeks
Comprehensive Practicum
Preceptorship experience provides the opportunity to make the transition from a student to a graduate role.
Prerequisite: PN 247.

PN 251-1 (BC=1)
(2-0-0) 7 weeks
Professional Leadership
Frame the Practical Nursing profession in the context of legislation, professional standards, code of ethics, and practice expectations. Explore the history of nursing and the evolution of Practical Nursing within the Canadian health care system. Introduce the philosophy and the elements of the Red Deer College PN Conceptual Framework.

PN 252-3 (BC=4)
(2-0-2.5) 15 weeks
Nursing Foundations I
Introduce the nursing principles fundamental to safe, competent practice. Explore holistic care concepts. Use evidence based theory to demonstrate nursing knowledge and skills. Reflect on own attitudes, behaviours and judgments to guide learning interactions.

PN 253-2 (BC=2)
(2-0-0) 15 weeks
Health Promotion I
Introduce concepts of heath including prevention, promotion, determinants and inequalities. Begin exploration of common growth and development theories. Identify principles of teaching and learning.

PN 254-1 (BC=1)
(2-0-0) 7 weeks
Pharmacology I
Introduce common pharmacological terminology and resources. Explore guiding legislation, drug standards and safety principles. Identify the PN role in medication administration. Develop skills in drug calculations.

PN 255-3 (BC=3)
(2-0-2) 15 weeks
Professional Communication I
Develop verbal and non-verbal communication and active listening skills relative to professional health care relationships and situations. Inter-professional collaboration is introduced by identifying roles, team functioning, leadership, communication, conflict resolution, and client centered care.

PN 256-4 (BC=4)
(4-0-0) 15 weeks
Anatomy & Physiology
Explore basic biological structures and functions of the human body using a systems approach. Develop understanding of the significance of interrelationships between systems. Consider specific applications relevant to various health disciplines. Use of medical terminology will be emphasized.

PN 257-1 (BC=1)
(0-0-7.5/2) 10 weeks
Practical Experience I: Healthy Adults
Integrate and apply the knowledge, skills, and professional attributes achieved through the learning from previous courses to an experiential setting. The experience will focus on interacting with a healthy adult.
Co-requisites: PN 251, 252, 253, 254, 255, 256.

PN 258-2 (BC=2)
(4-0-0) 7 weeks
Professional Leadership II
Examine and explain influences on professional practice within interprofessional teams and diverse health care settings. Through knowledge, self-reflection and effective communication, the health care professional will develop professional roles and responsibilities in the provision of safe, ethical client care. Leadership knowledge, skills, attitudes and behaviors will be introduced.
Prerequisites: PN 251, 255.

PN 259-5 (BC=6)
(8-0-4) 7 weeks
Nursing Foundations II
Integrate and build on foundational knowledge, skills, attitudes, behaviors and judgments. Develop competent and safe nursing care for clients who live in residential care. Common health and wellness challenges, as well as chronic health challenges related to aging will be introduced.
Prerequisites: PN 252.
Co-requisites: PN 261, 262.

PN 260-2 (BC=2)
(3.5-0-0) 7 weeks
Health Promotion II
Explore how persons living in residential care adapt to alterations in health. Explore health promotion principles and apply principles of teaching and learning. Growth and development theories of gerontology, mental health and palliative care will be introduced.
Prerequisite: PN 253.

PN 261-2 (BC-2)
(4-0-2.5) 7 weeks
Pharmacology II
Integrate and demonstrate the safe preparation and administration of medication, by various routes using the nursing process. Accurate medication calculations will be demonstrated. Gerontology considerations will be explored.
Prerequisites: PN 254.
Co-requisite: PN 259.

PN 262-3 (BC-3)
(6-0-0) 7 weeks
Pathophysiology
Explore common body responses to disease.Introduce microbiology concepts. Pathophysiology as related to chronic disorders commonly associated with adults and aging will be examined.
Prerequisites: PN 256.

PN 263-4 (BC=4)
(0-0-35) 5 weeks (175 clinical hours)
Practical Experience II: Residential Care
Introduce nursing practice and care in residential care settings.
Prerequisites: PN 258, 259, 260, 261, 261.

PN 264-3 (BC=3)
(6-0-0) 7 weeks
Professional Leadership III
Examine current leadership issues, trends, theory, and practice to facilitate the development of the knowledge, skills, and attributes required of a leader to envision change and enable optimal health outcomes from a collaborative inter-professional perspective.
Prerequisites: PN 258.

PN 265-5 (BC=6)
(8.5-0-5.5) 7 weeks
Nursing Foundations III
Develop the skills, knowledge, attitudes, behaviors and judgments necessary for a Practical Nurse to competently and professionally practice in the acute care setting.
Prerequisites: PN 263.
Co-requisites: PN 267.

PN 266-3 (BC=3)
(6-0-0) 7 weeks
Health Promotion III
Evaluate growth, development, and tasks of young and middle adulthood. Apply teaching and learning principles to health promotion collaborating with clients and families in the acute care health setting.
Prerequisite: PN 260.

PN 267-1 (BC=2)
(2.5-0-2.5)
Pharmacology III
Analyze knowledge, theory, legal and ethical responsibilities informing Practical Nurse practice in the safe administration, maintenance, and evaluation of Intravenous medications and solutions promoting optimal client outcomes.
Prerequisites: PN 263.
Co-requisite PN 265.

PN 268-6 (BC=6)
(0-0-35) 7 weeks (245 clinical hours)
Practical Experience III: Acute Care
Examine professional knowledge, accountability, safety, collaboration, and competence in own nursing practice to provide ethical nursing care of diverse clients and families in acute care,health settings.
Prerequisites: PN 264, 265, 266, 267.

PN 269-1 (BC=1)
(2-0-0) 7 weeks
Professional Leadership IV
Develop and apply leadership skills using an inter-professional approach. Prepare for the transition from student to Licensed Practical Nurse.
Prerequisites: PN 268.

PN 270-5 (BC=6)
(10-0-2) 7 weeks
Nursing Foundations IV
Explore the knowledge, skills, attitudes, behaviors, and judgments necessary to competently provide safe nursing care for pediatric and maternity clients and families in acute and community care settings. Explore health and wellness challenges for pediatric and maternity clients.
Prerequisites: PN 268.

PN 271-3 (BC=3)
(6-0-0) 7 weeks
Health Promotion IV
Explore the Practical Nurse role related to the interrelationship between individuals, family, and the community. Health considerations for maternal/child, pediatrics, and families will be explored. Normal growth and development from conception to adolescence will be addressed, as will family and community roles and functions.
Prerequisites: PN 266.

PN 272-1 (BC=1)
(0-0-5) 7 weeks (35 clinical hours)
Practical Experience IV: Family Centered Care
Integrate pediatrics and maternity practice and care within family and community contexts.
Prerequisites: PN 268.
Co-requisites: PN 269, 270, 271.

PN 273-3 (BC=3)
(0-0-35) 3 weeks (105 clinical hours)
Practical Experience V: Focus
Demonstrate integration and consolidation of knowledge, skills, attitudes, behaviors, and judgments within the context of a focused LPN practice settings. Become an autonomous practitioner, ready to enter the practice setting.
Prerequisites: 269, 270, 271, 272.

PN 274-3 (BC=3)
(0-0-35) 4 weeks (140 clinical hours)
Practical Experience VI Comprehensive Practicum
Demonstrate integration and consolidation of knowledge, skills, attitudes, behaviors, and judgments within the context of a comprehensive LPN practice settings. Become an autonomous practitioner, ready to enter the practice setting.
Prerequisites: PN 269, 270, 271, 272.

Psychology

Note: Not all courses listed may be offered. Check Course Timetable for availability.

PSYC 205-3 (BC=3)
(45 lecture)
Lifespan Development
Physical, cognitive, social, and personality development from conception to death are explored from a developmental psychological perspective. Theories, research, and applications about lifespan development will be covered.
Note: For OPTAD students only. This course does not fulfill the developmental psychology requirement for the BA Psychology Major.

PSYC 260-3 (BC=3)
(3-0) 15 weeks
Basic Psychological Processes
An overview of some of the important areas in psychology topics including the nature and history of psychology, research methods, the biological foundations of behaviour, genes and evolution, sensation and perception, states of consciousness, learning and adaptation, and memory.
Note: This course is a prerequisite for most psychology courses and is normally followed by PSYC 261.

PSYC 261-3 (BC=3)
(3-0) 15 weeks
Social and Individual Behaviour
An overview of some of the important areas in Psychology. Topics include thought, language, and intelligence; motivation and emotion; development over the lifespan; personality; psychological disorders and their treatments; stress, health, and coping; and behaviour in a social context.
Prerequisite: PSYC 260.
Note: PSYC 260/261 is a prerequisite for many courses in the Department.

PSYC 305-3 (BC=3)
(3-0) 15 weeks
History of Psychological Thought
The roots of psychological thought in Western culture, and the relationship between theories of human nature and changing social institution.
Prerequisites: PSYC 260 & PSYC 261.

PSYC 312-6 (BC=8)
(3-2) 30 weeks
Experimental Design and Quantitative Methods for Psychology
An integrated approach to the methods, principles, and ethics of psychological research and the statistical techniques utilized for the analysis of these data.
Prerequisites: Math 30 (Pure) and PSYC 260.
Prerequisite or Co-requisite: PSYC 261.

PSYC 321-3 (BC=3)
(3-0) 15 weeks
Industrial & Organizational Psychology
The world of work. Topics include career development, performance, motivation, conditions of work, employee selection and training, and organization.
Prerequisite: PSYC 260/261 or consent of the Department.

PSYC 341-3 (BC=3)
(3-0-0) 15 weeks
Social Psychology
Individual and group behaviours as they are affected by social contexts. Topics may include the self and social perception, social cognition; prejudice, discrimination, and stereotyping; attitude formation and change; conformity and obedience; affiliation and attraction; pro- and anti-social behaviours; and applied social psychology topics (law, health).
Prerequisite: PSYC 260/261 or SOCI 260/ 261.

PSYC 347-3 (BC=3)
(3-0) 15 weeks
Psychology of Gender
An overview of psychological perspectives on gender including the nature of gender, alternative expressions of gender (e.g. transgenderism), the reproduction of gender through social institutions, the question of gender similarities and differences, gender stereotypes and discrimination, and the implications of gender for various facets of daily living.
Prerequisite: PSYC 260/261.
Note: U of C bound students cannot also take PSYC 439 for credit.

PSYC 353-3 (BC=3)
(3-0) 15 weeks
Child Development
An examination of theory and research related to physical, cognitive, emotional and social development across infancy and childhood.
Prerequisite: PSYC 260/261.

PSYC 355-3 (BC=3)
(3-0) 15 weeks
Adolescence
An examination of theory and research related to physical, cognitive, emotional, and social development occurring during adolescence.
Prerequisite: PSYC 260/261.
Note: U of C bound students cannot also take PSYC 429 for credit.

PSYC 357-3 (BC=3)
(3-0-0) 15 weeks
Psychology of Adult Development and Aging
An examination of theory and research related to physical, cognitive, emotional, and social development across adulthood.
Prerequisite: PSYC 260/261.

PSYC 358-3 (BC=3)
(3-0-0) 15 weeks
Cognitive Psychology
A survey course in cognition. Major theoretical approaches and research in areas such as perception, attention, memory, the representation of knowledge, language, reasoning and problem solving.
Prerequisite: PSYC 260/261.
Note: For U of A bound students only, the additional prerequisite or co-requisite of either STATS 251 or PSYC 312 is required.

PSYC 367-3 (BC=3)
(3-0) 15 weeks
Human Sexual Behaviour
This course explores and integrates knowledge from many disciplines including medicine, biology, anatomy, psychology, history, law, anthropology, social science, the arts, and religion in describing human sexual behaviour.
Prerequisite: PSYC 260/261.

PSYC 368-3 (BC=3)
(3-0-0) 15 weeks
Principles of Learning
Traditional and modern research on classical conditioning, operant conditioning, and memory. Emphasis is on research dealing with non-human animals, but human applications are included where relevant.
Prerequisite: PSYC 260/261.

PSYC 369-3 (BC=3)
(3-0-0) 15 weeks
Sensation and Perception
The psychological and physiological bases of sensory and perceptual processes, including vision, audition, taste, smell, touch, proprioception, and basic psychophysics.
Prerequisite: PSYC 260/261.
Note: For U of A bound students only, the additional prerequisite or co-requisite of either STATS 251 or PSYC 312 is required.

PSYC 375-3 (BC=3)
(3-0) 15 weeks
Brain and Behaviour
Brain function related to sensation, movement, learning, motivation, and thinking. How the brain interacts with behavioural systems.
Prerequisite: Biology 30 or equivalent and PSYC 260/261. (Biology 30 prerequisite required by U of A bound students).

PSYC 377-3 (BC=3)
(3-0-0) 15 weeks
Human Neuropsychology
Changes in mood, motivation, perception, attention, memory, and language as revealed by studies of structural alterations in the human brain.
Prerequisite: PSYC 375.

PSYC 380-3 **(BC=3)**
(3-0) 15 weeks
Positive Psychology
Positive psychology is the scientific and applied approach to uncovering strengths and promoting positive functioning in individuals, relationships, institutions, and communities. Topics include positive thinking, positive emotions, flourishing relationships, positive institutions, gainful employment, and building better communities.
Prerequisites: PSYC 260/261.

PSYC 383-3 **(BC=3)**
(3-0) 15 weeks
Personality
Survey course including theory and research related to the major problems in the study of personality.
Prerequisite: PSYC 260/261.

PSYC 389-3 **(BC=3)**
(3-0) 15 weeks
Abnormal Psychology
General introduction, with emphasis on contemporary views of the nature, development, and treatment of psychological disorders.
Prerequisite: PSYC 260/261.
Note: Students cannot get credit for PSYC 389 and 489.

PSYC 391-3 **(BC=3)**
(3-0-0) 15 weeks
Health Psychology
Examining the relationship of psychology to illness and related dysfunction, promotion and maintenance of health, and the health system.
Prerequisite: PSYC 260/261.

Science

SCIE 050-5 **(BC=5)**
(5-0) 15 weeks
Basic Science
See "Career and Academic Preparation Courses," page 218.

Social Studies

SOST 090-5 **(BC=5)**
(5-0) 15 weeks
Canadian Studies
See "Career and Academic Preparation Courses," page 218.

SOST 095-5 **(BC=5)**
(5-0) 15 weeks
Twentieth Century World
See "Career and Academic Preparation Courses," page 218.

Social Work

(Open to Social Work students only.)

SOWK 201-3 **(BC=3)**
(3-0) 15 weeks
Introduction to Social Work Methods I
An overview of the social service field. Philosophy, purpose, and objectives of social work practice. Emphasis is on the helping process, working principles, and cardinal values of social work. Developing the knowledge and skills needed for case work.
Prerequisite or Co-requisite: SOWK 204.

SOWK 202-3 **(BC=3)**
(3-0) 15 weeks
Introduction to Social Work Methods II
SOWK 201 continued. Communication skills in social work practice. Interviewing, assessing, and recording skills. Audio-visual equipment is used in developing interpersonal communication skills.
Prerequisite: SOWK 201.

SOWK 204-3 **(BC=3)**
(3-0) 15 weeks
Social Work Ethics in Practice
A comprehensive overview of ethical principles and theory in social work practice. The main focus of this course is on the skill development, integration and application of ethics in decision-making in critically reflective social work practice.

SOWK 207-3 **(BC=3)**
(3-0) 15 weeks
Social Services History, Function and Structure
This course pertains to the philosophy, history and development of social welfare in relation to social services organizations, programs and methods of service delivery. Focus is on the variety of venues for social work practice and different groups of individuals who social workers interact with.

SOWK 208-4 **(BC=5)**
(240 hours)
Field Work I
Normally two days per week in one of a variety of social service agencies. Observing the agency and social service practice. Learning agency policies and procedures. Working closely with a practicum supervisor in the agency. Included are 15 hours of seminars that focus on the integration of classroom lecture material and field practice experience.
Prerequisite or Co-requisite: SOWK 204, SOWK 201, SOWK 207.

SOWK 209-4 **(BC=5)**
(240 hours)
Field Work II
SOWK 208 field placement continued. Under supervision, you may begin to take limited responsibility for delivery of social services to individuals, groups, or communities. Included are 15 hours of seminars that focus on the integration of classroom lecture material and field practice experience.
Prerequisite: SOWK 208, 201 & 204.

SOWK 210-3 **(BC=3)**
(3-0) 15 weeks
Social Work Practice with Groups
This course is about the theory and practice of working with groups. The focus is on the knowledge and skill for effective social work practice in groups, as both group member and leader. Task and treatment groups and their various applications in practice are explored
Prerequisite or Co-requisite: SOWK 201.

SOWK 301-3 (BC=3)
(3-0) 15 weeks
Social Work Practice with Individuals and Families
This course expands on the work in SOWK 201 and 202. Further develops knowledge of Social Work interviewing, assessment and intervention techniques. Emphasis on working with individuals to facilitate change, beginning family assessment in diverse contexts, and intervention knowledge and skills with family groups.
Prerequisite: SOWK 202.

SOWK 304-3 (BC=3)
(3-0) 15 weeks
Social Work Practice with Communities
This course focuses on working with communities. Students are exposed to contemporary theories and models of community organization practice as well as drawing on field experiences which students may have already had. The focus in the course is to integrate theory and field experiences as related to community organization practice, and discuss the challenges, strategies and benefits of working with communities.
Prerequisite: SOWK 202, SOWK 210.

SOWK 306-3 (BC=3)
(3-0) 15 weeks
Social Work Administration
Social Work Administration focuses on the practice skills required for ethical and sound social work practice in management settings. The theories that support the practice skills are investigated, and students are exposed to the expected roles and responsibilities of administrators in social services settings. The course prepares students to assume administrative responsibilities and become aware of the current administrative challenges in the social services field.
Prerequisites: SOWK 202, SOWK 207.

SOWK 307-3 (BC=3)
(3-0) 15 weeks
Social Policy
Introduces students to the macro level of social policy formulation and the impact policies have on social service delivery. Attention is paid to the linkage between ideologies and policy directions, and to the impact of globalization on Canadian social policy.
Prerequisites: SOWK 207, SOWK 312.

SOWK 308-4 (BC=5)
(240 hours)
Field Work III
As an extension of the first year SOWK 208/209, this second year field course will normally consist of 2 days per week in a field agency. Students will provide services to a selected client group under supervision by a field supervisor. Scheduled seminars will focus on integrating lecture material with field practice experience.
Prerequisite or Co-requisite: successful completion of all first year SOWK courses and SOWK 301, or permission of the Department.
Note: Not eligible for challenge and Advanced Standing.

SOWK 309-4 (BC=5)
(240 hours)
Field Work IV
The final field placement course. You will have a variety of training experiences in a particular social service agency. Included are 15 hours of seminars that focus on the integration of classroom lecture material and field practice experience.
Prerequisite: SOWK 308.

SOWK 312-3 (BC=3)
(3-0) 15 weeks
Social Problems and Issues in Social Work
Current trends and issues in social work practice and how they relate to social problems. Students examine selected social problems relevant in Canadian society and are introduced to a structural anti-oppressive social work framework. An introduction to quantitative and qualitative forms of social work research.
Prerequisite: SOWK 207.
Note: Not eligible for challenge and Advanced Standing.

SOWK 313-3 (BC=3)
(3-0) 15 weeks
Social Work in Health Care Settings
The purpose of the course is to examine, understand, and critique current theories, issues, practices, and the unique role of the social worker in health and mental health. The emphasis is on knowledge of various approaches to health and mental health and on the role of the sodial worker in assessment, referral, intervention and advocacy amidst the various approaches, and on the interdisciplinary context of health and mental health.
Prerequisite: SOWK 202.

Sociology

Note: Not all courses listed may be offered. Check Course Timetable for availability.

SOCI 260-3 (BC=3)
(3-0) 15 weeks
Sociological Concepts & Perspectives
Sociological perspectives and concepts used to analyse social behaviour. The nature of group behaviour and social interaction. Culture, social organization, the social personality, and deviance.
Note: SOCI 260 is the prerequisite for most advanced courses.

SOCI 261-3 (BC=3)
(3-0) 15 weeks
Canadian Society
Family, religion, education, politics, and economics. Social stratification and social inequality.
Prerequisite: SOCI 260.

SOCI 301-3 (BC=3)
(3-0) 15 weeks
Sociology of Gender and Sexuality
Comparing gender and sex roles in different societies. Emphasis is on contemporary Canada. Gender and sex role behaviour and theories of their origin. Recent research on the social effects of gender and sex roles.
Prerequisite: SOCI 260 or consent of department.

SOCI 305-3 (BC=3)
(3-0) 15 weeks
Selected Topics in Sociology
Examination of selected topics in contemporary sociology. Topics may focus on specific sociological issues, institutions or problems (such as culture and society, development, sport, rural studies).
Prerequisite: SOCI 260 or consent of the department.
Note: This course may be repeated for credit.

SOCI 307-3 (BC=3)
(3-0) 15 weeks
Aboriginals in Canada
Dynamics of Aboriginal groups' relations with each other and with the larger Canadian society. Topics may include: decolonization and relations with the state, demography, organizations, nationalism, and nation-building, power, community and economic development, social class and public policy.
Prerequisite: SOCI 260 or consent of the department.

SOCI 310-3 (BC=4)
(3-3) 15 weeks
Introduction to Social Statistics
Statistical reasoning and techniques used by sociologists to summarize data and test hypotheses. Topics include describing distributions, cross-tabulations, probability, correlation/regression and non-parametric tests.
Prerequisite: SOCI 260 or consent of the department.
Note: This course may not be taken for credit by students with credit in SOCI 311-6.

SOCI 312-3 (BC=4)
(3-3) 15 weeks
Introduction to Social Methodology
Research design, data collection, and data processing strategies used by sociologists. Topics include research values and ethics, scaling, reliability and validity, experimentation, survey research techniques, historical methods, field research, and content analysis.
Prerequisite: SOCI 310 or equivalent.
Note: This course may not be taken for credit by students with credit in SOCI 311-6.

SOCI 322-3 (BC=3)
(3-0) 15 weeks
Social Issues in Canada
A survey course on social issues in Canada. Regional and national scope will be covered in such areas as health, safety, the economy, the environment, community belonging, integration of newcomers and education.
Prerequisite: SOCI 310 or SOCI 312 or consent of the department.
Note: You cannot receive credit for SOCI 322 if you have previously taken ANTH 357.

SOCI 323-3 (BC=3)
(3-0) 15 weeks
Sociology of Poverty
Meaning, origins, extent, and effects of poverty. Focus is on Canadian society. Reviewing theoretical explanations of poverty. The relationships between poverty and social institutions such as education, health care, housing, criminal justice, and the political or der. Reviewing and evaluating various poverty programs.
Prerequisite: SOCI 260 or consent of the Department.

SOCI 325-3 (BC=3)
(3-0) 15 weeks
Criminology
The nature of crime and how it is defined. Measurement problems and official statistics. Crime in relation to social-cultural factors. Theoretical explanations of criminal behaviour. Critical perspectives. Selected types of crime. Emphasis is on Canadian society.
Prerequisite: SOCI 260 or consent of the Department.

SOCI 327-3 (BC=3)
(3-0) 15 weeks
Criminal Justice and Crime Control
The social response to crime. Considering how crime control strategies have developed. Evaluating theories of punishment. The function of criminal law. Elements of the Canadian criminal justice system such as the police, courts, and corrections. Incarceration and release measures. Changing directions in crime control. Formal and informal alternatives to criminal justice. Critical perspectives.
Prerequisite: SOCI 325.

SOCI 332-3 (BC=3)
(3-0) 15 weeks
The Development of Sociology I
The origin and development of classical sociological theory. Emphasis is on the Enlightenment, Romantic-Conservative Reaction, Saint-Simon, Comte, Marx, Durkheim, Weber, and Freud.
Prerequisite: SOCI 260 or consent of the Department.

SOCI 333-3 (BC=3)
(3-0) 15 weeks
The Development of Sociology II
The contributions of modern and contemporary sociological theorists. Emphasis is on Structural Functionalism, Symbolic Interactionism, Ethnomethodology, Contemporary Feminist Theory, Neo-Marxism and Critical Theory, and Post-Structuralism and Post-Modernism.
Prerequisite: SOCI 332.

SOCI 341-3 (BC=3)
(3-0) 15 weeks
Social Psychology
Note: This course is not currently offered. If you wish to take Social Psychology, register for PSYC 341 (3-0), which carries an identical program credit at the University of Alberta.
Prerequisite: SOCI 260/261 or PSYC 260/261.

SOCI 344-3 (BC=3)
(3-0) 15 weeks
Mass Communication and Popular Culture
An analysis of the varieties of mass media such as radio, television, film and books and their effects on popular culture.
Prerequisite: SOCI 260 or consent of the Department.

SOCI 363-3 (BC=3)
(3-0) 15 weeks
Sociology of Work
The social relations of production and the organization of work in advanced industrialized countries. Focus is on Canadian society. Topics include: values and meanings attached to work; work and leisure; the union phenomenon; alienation from work; professionalism; the hierarchical nature of the workplace; the impact of technological development on the labour process; and the role of the government in labour relations.
Prerequisite: SOCI 260 or consent of the Department.

SOCI 365-3 (BC=3)
(3-0) 15 weeks
Social Stratification
An introduction to the sociological study of social stratification and structured inequality with a focus on Canadian society. Topics include diff erent systems of stratification, various theoretical approaches to stratification, class and social inequality, contemporary perspectives and research, socio-economic, gender, ethnic and racial bases of social inequality.
Prerequisite: SOCI 260 or consent of the department.

SOCI 368-3 (BC=3)
(3-0) 15 weeks
Canadian Ethnic and Minority Group Relations
Canada is a tremendously diverse country encompassing many ethnic and minority groups. Social processes involved in developing and understanding minority group relations in Canada will be the central focus for this course. The three main concentrations will be on French/English relationships, Aboriginal issues, and challenges relating to all the other groups that have come to Canada.
Prerequisite: SOCI 260 or consent of the Department.

SOCI 371-3 (BC=3)
(3-0) 15 weeks
Sociology of the Family
The nature of the family in contemporary North American society. Family interaction patterns and how these are related to the many changes in the modern family.
Prerequisite: SOCI 260 or consent of the Department.

SOCI 373-3 (BC=3)
(3-0) 15 weeks
Sociology of Aging
Aging as a socio-cultural phenomenon with a focus on social and institutional factors associated with aging in modern society. Topics include aging and the self-concept; family; politics; economics and work; demographics; health and health care; housing and transportation; retirement and leisure; death and dying; various comparative, theoretical and historical perspectives, with a focus on Canadian society.
Prerequisite: SOCI 260 or consent of the department.

SOCI 374-3 (BC=3)
(3-0) 15 weeks
Social Organization of Health Care
An introduction to the sociological study of the structure and dynamics of health care in Canadian society. Topics include: trends in health care, social epidemiology, health and illness behaviour, pr ofessional-client relationships, health care occupations, and the sociology of hospitals.
Prerequisite: SOCI 260 or consent of the Department.

SOCI 376-3 (BC=3)
(3-0) 15 weeks
Sociology of Religion
General theory plus selected topics. The nature and origins of religion. Religion as an expression of historical, social, and personal conditions. Religion and social change. Religion and individual and social variations. Social functions of religion. Emphasis is on religion in western society, and Canada in particular.
Prerequisite: SOCI 260 or consent of the Department.

SOCI 395-3 (BC=3)
(3-0) 15 weeks
Sociology of Leisure
A sociological analysis of the nature and forms of leisure. Topics include historical and contemporary perspectives, trends and issues in leisure participation in postindustrial society, leisure provision, programs and research, the future of leisure. Emphasis will be on leisure in Canadian society.
Prerequisite: SOCI 260 or consent of the department.

Spanish

Note: 100-level language courses are intended for students with little or no background in the language. Students who have high school matriculation in the language, or who are taking a 100-level course to meet a university's matriculation requirements, may be denied transfer credit. Check the Transfer Guide and with the university.

SPAN 101-3 (BC=4)
(4-1) 15 weeks
Beginners' Spanish I
Beginning to learn Spanish. Understanding, speaking, reading and writing. The oral aspect of the language is stressed in class.

SPAN 102-3 (BC=4)
(4-1) 15 weeks
Beginners' Spanish II
For students who have taken SPAN 101. The oral aspect of the language is stressed in class.
Prerequisite: SPAN 101 or equivalent.

SPAN 201-3 (BC=4)
(4-1) 15 weeks
Intermediate Spanish I
Spoken and written Spanish, including grammar, composition, literature and conversation. The literature includes works of modern authors.
Prerequisite: Spanish 30 or SPAN 102 or equivalent.

SPAN 202-3 (BC=4)
(4-1) 15 weeks
Intermediate Spanish II
The continuation of SPAN 201. Spoken and wr itten Spanish, including gr ammar, composition, literature and conversation. The literature includes works of modern authors.
Prerequisite: SPAN 201 or equivalent.

Statistics

Note: Not all courses listed may be offered. Check Course Timetable for availability.

STAT 241-3 (BC=3)
(3-1) 15 weeks
Introduction to Statistics
Elementary statistics. Probability. Descriptive statistics. Sampling distributions. Testing hypotheses. Correlation and regression.
Prerequisite: Math 30-1.

STAT 251-3 (BC=4)
(3-0-2) 15 weeks
Introduction to Applied Statistics I
Data collection and presentation, descriptive statistics. Probability distributions, sampling distributions and the central limit theorem. Point estimation and hypothesis testing. Correlation and regression analysis. Goodness-of-fit and contingency table.
Prerequisite: Math 30-1 or Math 30-2
Note: This course may not be taken for credit if credit has already been obtained in any of STAT 241, PSYC 309, SOCI 311, or BUS 306.

STAT 365-3 (BC=3)
(3-0) 15 weeks
Elements of Probability Theory
Finite probability spaces. Discrete and continuous random variables. Random vectors. Probability density functions and their corresponding distributions, including uniform, binomial, geometric, Poisson, exponential, normal, etc.
Prerequisite: MATH 204 or equivalent.
Co-requisite: MATH 302.

Theatre & Entertainment Production

Note: Courses open to Theatre & Entertainment Production students only

THTR 105-2 (BC=2)
(120 hrs minimum)
Production Crew I
This course will be the first introduction of the student to a working knowledge of the technical aspects of entertainment production. Students will apply course instructed learning, including those of stagecraft, drafting, prop building, lighting, sound, and stage management, as well as continued hands-on learning. Students will be assigned to a designated technical area, as well as expected hours of participating in other areas within various productions and events. Students will be assisted by 2nd year students, and instructed by a department technical instructor.
Co-Requisite: THTR 125 and consent of the Department.

THTR 106-2 (BC=2)
(120 hrs minimum)
Production Crew II
Continued theoretical and practical instruction towards a working knowledge of the technical aspects of entertainment production.
Prerequisite: THTR 105 and consent of the Department.

THTR 107-2 (BC=2)
(120 hrs minimum)
Production Crew III
Continued theoretical and practical instruction towards a working knowledge of the technical aspects of entertainment production. The work may be a new application of practica skills, or be an opportunity to redevelop and strengthen current skills.
Prerequisite: THTR 106 and consent of the Department.

THTR 118-3 (BC=3)
(48 hrs)
Scenic Props
Introduction to the theory and techniques of developing scenic props. Presented in workshop format.

THTR 125-4 (BC=4)
(74 hrs)
Introduction to Stagecraft I
Entertainment production techniques including stage and shop safety, scenic carpentry. Strong hands-on component.

THTR 126-3 (BC=3)
(48 hrs)
Stagecraft II
Continued study of entertainment production techniques, including continued stage and shop safety, scenic carpentry, and theatrical rigging.
Prerequisite: THTR 125.

THTR 135-2 (BC=2)
(44 hrs)
Sound for the Entertainment Industry
Theory and practice in basic sound for the entertainment industry. Examining the function and operation of professional sound equipment and the fundamentals of sound design.

THTR 136-2 (BC=2)
(41 hrs)
Sound for Live Events
Continued theory and practice in basic sound for the entertainment industry. Examine the function and operation of professional sound equipment, and the fundamentals of sound design.
Prerequisite: THTR 135.

THTR 145-2 (BC=2)
(42 hrs)
Lighting for the Entertainment Industry I
Theory and practice in basic electricity for the theatre. Function and operation of professional lighting equipment.

THTR 146-2 (BC=2)
(41 hrs)
Lighting for the Entertainment Industry
Continued theory and practice in basic electricity for the entertainment and theatre. Function and operation of professional lighting equipment.
Prerequisite: THTR 145.

THTR 158-3 (BC=3)
(40 hrs)
Drafting for the Entertainment Arts
Introduction to technical communication techniques within the entertainment industry. Emphasis on theatrical drafting, drafting conventions and types of working drawings as important elements in the communication of technical and design requirements.

THTR 168-2 (BC=2)
(36 hrs)
Stage and Event Management
Introduction to fundamentals of the production process in management and communication skills for the entertainment industry.

THTR 176-3 (BC=3)
(40 hrs)
History and Analysis of Entertainment Production
The study of design processes for the entertainment industry. Emphasis will be placed on technical connections to historical theatre and will examine a variety of processes used in project analysis for live performances. Learning and using research skills and problem-solving pathways are the primary course objectives
Corequisite: THTR 158.

THTR 205-3 (BC=3)
(180 hrs minimum)
Applied Practice and Theory I
Theoretical and practical instruction in the production of entertainment events through involvement in theatre and entertainment productions. This will allow students to implement and refine skills previously acquired, in both class and practical work. Students will be assigned a designated area of responsibility within various productions and events.
Prerequisite: THTR 107 and consent of the Department.

THTR 206-3 (BC=3)
(180 hrs minimum)
Applied Practice and Theory II
Theoretical and practical instruction in the production of entertainment events through involvement in theatre and entertainment productions. Students will have the opportunity to redevelop and strengthen previously acquired skills, or they may be assigned to a position meant to introduce new skills. Students will be assigned a designated area of responsibility within various productions and events.
Prerequisite: THTR 205 and consent of the Department.

THTR 207-3 (BC=3)
(180 hrs minimum)
Applied Practice and Theory III
Theoretical and practical instruction in the production of entertainment events. Students will be able to continue refining skills and working on communication and team building skills required in the entertainment industry. Students will be assigned a designated area of responsibility within various productions and events where they will work with first year students in a supervisory role.
Prerequisite: THTR 206 and consent of the Department.

THTR 215-2 (BC=2)
(36 hrs)
Scenic Painting
This course will teach the student a systematic approach to painting theatrical scenery. The class will examine traditional scene painting techniques and the tools and materials that have been developed to support those techniques. Instructed by department staff.
Prerequisite: THTR 176.

THTR 258-3 (BC=3)
(40 hrs)
Drawing as Communication
Introduction to perspective rendering and figure drawing as a communication tool within the production processes of entertainment events.
Prerequisite: THTR 158.

THTR 265-2 (BC=2)
(30 hrs)
Stage and Event Management II
Continued management and communication skills for the entertainment industry.
Prerequisite: THTR 168.

THTR 278-5 (BC=5)
(80 hrs)
Design and Visual Communication within the Entertainment Industry
Examining the creative techniques and visual communication of theatrical design from concept to final presentation. Emphasis will be made on the various forms of communication used by designers. This course will implement skills previously acquired, including those of drawing, drafting, prop building, lighting and stagecraft.
Prerquisite: THTR 176.

THTR 285-2 (BC=2)
(30 hrs)
Professional Development I
Researching and developing life-skills and career paths within the Entertainment industry. Accessing information from contacts with educators, practicing professionals, and employers in the entertainment industry.

THTR 286-2 (BC=2)
(42 hrs)
Professional Development II
Researching and developing life-skills and career paths within the Entertainment industry. Accessing information from contacts with educators, practicing professionals, and employers in the entertainment industry.
Prerequisite: THTR 285.

THTR 295-2 (BC=2)
(24 hrs)
Intensive Series I
Students will be able to choose areas of interest in the entertainment industry to study at a more advanced level. Material may be presented in workshop, classroom, or through hands-on work.
Prerequisite: THTR 126 and consent of the Department.

THTR 296-3 (BC=3)
(56 hrs)
Intensive Series II
Theatre and entertainment production advanced study intensives. Students will be able to choose areas of interest in the entertainment industry to study at a more advanced level.
Prerequisite: THTR 295.

THTR 297-3 (BC=3)
(64 hrs)
Intensive Series III
Theatre and entertainment production advanced studies intensives. Students will be able to choose areas of interest at a more advanced level in order to reinforce career choices.
Prerequisite: THTR 296.

Theatre Performance and Creation

Note: Courses open to Theatre Performance and Creation students only

THTR 100-2 (BC=2)
(33 hrs)
Theatre Research & Development I
An introduction for the theatre artist into the practical and theoretical approaches to play analysis, theatrical forms and styles.

THTR 101-2 (BC=2)
(30 hrs)
Theatre Research & Development II
Continued practical and theoretical investigation of plays, theatrical forms and styles.
Prerequisite: THTR 100.

THTR 110-1 (BC=1)
(11 hrs)
The Business of Theatre I
Introduction to the business of theatre as it pertains to the individual theatre artist.

THTR 111-1 (BC=1)
(10 hrs)
The Business of Theatre II
Continued investigation of the business of theatre as it pertains to the individual theatre artist and theatre collaborators.
Prerequisite: THTR 110.

THTR 120-3 (BC=3)
(44 hrs)
The Expressive Body I
An introduction to physical techniques and practices as it relates to theatre acting and creation work.

THTR 121-3 (BC=3)
(40 hrs)
The Expressive Body II
Continued development of physical techniques and practices as it relates to theatre acting and creation work.
Prerequisite: THTR 120.

THTR 130-3 (BC=3)
(44 hrs)
The Expressive Voice I
Introduction to the techniques and practices of voice training as it relates to theatre acting, singing and creation work.

THTR 131-3 (BC=3)
(40 hrs)
The Expressive Voice II
Continued development of voice techniques and practices as it relates to theatre acting, singing and creation work.
Prerequisite THTR 130.

THTR 140-3 (BC=3)
(30 hrs class/36 hrs lab)
Acting I
An introduction to improvisation as it relates to the process of acting and creating for the theatre.

THTR 141-3 (BC=3)
(30 hrs class/30 hrs lab)
Acting II
Continued exploration of the acting and creation process as it relates to theatre text.
Prerequisite: THTR 140.

THTR 150-2 (BC=2)
(90 hrs)
Theatre Artist Studio I
An introductory level of competencies for further training practices, rehearsal processes and presentations of published plays, new plays and/or self-created works as it relates to ensemble theatre creation and performance.

THTR 151-3 (BC=3)
(135 hrs)
Theatre Artist Studio II
An intermediate level of competencies for rehearsal and performance of published plays, new plays and/or self-created works as it relates to ensemble theatre creation and performance.
Prerequisite THTR 150.

THTR 160-3 (BC=3)
(40 hrs)
Introduction to Devising Theatre
An introduction to concepts and alternative approaches for devising original theatre pieces.
Prerequisite: ENGL 219 and THTR 140.

THTR 200-1 (BC=1)
(18 hrs)
Theatre Research and Development III
Advanced practical and theoretical investigation of theatre text, form and styles.
Prerequisite: THTR 101.

THTR 210-1 (BC=1)
(9 hrs)
The Business of Theatre III
Further investigation of the business of theatre as it pertains to the individual theatre artist and the global theatre industry.
Prerequisite: THTR 111.

THTR 220-3 (BC=3)
(36 hrs)
The Expressive Body III
Advanced application of physical expression techniques and practices as it relates to theatre acting and creation work.
Prerequisite: THTR 121.

THTR 230-3 (BC=3)
(36 hrs)
The Expressive Voice III
Advanced application of voice techniques and practices as it relates to theatre acting, singing and creation work.

THTR 240-3 (BC=3)
(30 hrs class/24 lab)
Acting III
Advanced application of the acting and creation process as it relates to theatre styles.
Prerequisite: THTR 141.

THTR 250-3 (BC=3)
(135 hrs)
Theatre Artist Studio III
An advanced level of rehearsal process and performance as it relates to a piece of theatre (published, new work or self creation) and/or placement in a theatre related field study environment.
Prerequisite: THTR 151.

THTR 251-5 (BC=5)
(225 hrs)
Theatre Artist Studio IV
An advanced level of rehearsal process and performance as it relates to a piece of theatre (published, new work or self creation) and/or placement in a theatre related field study environment. This course will also focus on self created solo performance along with preparation for entering the professional realm of theatre or going on to further advanced levels of training.
Prerequisite: THTR 250.

THTR 260-8 **(BC=8)**
(120 hrs class/30 hrs lab)
Creative Fusion
An intense advanced level laboratory integrating disciplines of the theatre as they relate to solo and group theatre creation and performance. This course, taught by a team of specialists, will have students applying advanced levels of movement, acting and voice skills for development and presentation of both published works and self created works.
Prerequisites: THTR 220, THTR 230, THTR 240 & THTR 160.

Transitional Vocational

TVOC 010-4 **(BC=4)**
(4-0) 15 weeks
Self-Awareness
Developing and increasing your understanding of self and how you present that to others.

TVOC 011-4 **(BC=4)**
(4-0) 15 weeks
Vocational Preparation
Introduction to the world of work. Examining reasons for working, areas that influence success on the job, getting a job, and keeping it.

TVOC 012-2 **(BC=2)**
(2-0) 15 weeks
Recreation and Community Living
Studying basic concepts of fitness, nutrition and lifestyle planning. Identifying services provided by local community agencies and facilities.

TVOC 013-5 **(BC=5)**
(300 hours) 15 weeks
Jobsite Skills Training I
"Hands-on" skill training in the employment area best suited to your interests and abilities. Three days per week.

TVOC 014-3 **(BC=3)**
(3-0) 16 weeks
Interpersonal Skills
Communicating with others in the most effective way. Conflict resolution skills, assertiveness, problem-solving and stress management.

TVOC 015-3 **(BC=3)**
(3-0) 16 weeks
Skills for Employment
Exploring occupational choices and looking at individual abilities and interests. Learning and practicing job search techniques.

TVOC 016-3 **(BC=3)**
(3-0) 16 weeks
Skills for Independence
Combines skills necessary for banking and budgeting with skills needed for wise shopping and having an apartment.

TVOC 017-5 **(BC=5)**
(320 hours) 16 weeks
Jobsite Skills Training II
"Hands-on" skill training in the employment area best suited to your interests and abilities. Three days per week.

TVOC 018-5 **(BC=5)**
(240 hours) 8 weeks
Block Practicum
Full-time work experience in the field you want to find a job in. Hours of work during this placement will vary depending on the business requirements.

Unit Clerk

UNIT 100-2 **(BC=2)**
(68 lab hours)
Computer Skills
This is a self-directed course covering an introduction to computers, together with word processing and spreadsheet applications. This course will provide a foundation of computer literacy for the Unit Clerk field. *The course is designed as a self-directed course but a mandatory seminar is required to provide students with support; please register in both the Lecture and Seminar sections of this course.
Prerequisites: None.
Prior Learning recognition, based on a skills appraisal, is available for students with computer skills but application for PLAR must be completed by the Add/Drop date.

UNIT 101-1 **(BC=1)**
(42 lab hours)
Speed Building
Computer keyboard speed and accuracy building.

UNIT 102-4 **(BC=4)**
(60 hours)
Medical Terminology
Using and interpreting medical terminology, abbreviations and symbols commonly used in the health care system.

UNIT 103-7 **(BC=7)**
(105 hours)
Processing Medical Orders
Transcribing medical orders using a manual (paper) process combined with entering orders into current Alberta Health Services software. This course is taught offsite.
Prerequisite or Co-requisite: UNIT 102.

UNIT 105-2 **(BC=2)**
(145 hours)
Preceptored Practice
Experience in a health care setting with a Unit Clerk preceptor.
Prerequisites: Unit Clerk 100, 101, 102, 103, 106, 107.

UNIT 106-3 **(BC=3)**
(45 hours)
Exploring the Role of the Unit Clerk
Concepts, skills and attitudes necessary to perform the role of the Unit Clerk.

UNIT 107-3 **(BC=3)**
(45 hours)
Essential Communication Skills for Unit Clerks
Develop critical oral, written and non-verbal communication skills including telephone and interview skills. Create an effective resume, cover letter, and portfolio.

Virtual Assistant

VA 100-3 (BC=3)
(3-0) 15 weeks
Document Formatting
Using MS Word emphasis will be on the production of mailable correspondence, (including merge), tabulated and tabled material, basic reports, minutes, and itineraries. The focus will also be on building keyboarding speed and accuracy.

VA 110-3 (BC=3)
(3-0) 15 weeks
Communication Skills
Produce professional letters, memos, reports, and articles. Other topics covered include: Internet research, teleconferencing, networking, and telecommuting.

VA 120-3 (BC=3)
(3-0) 15 weeks
Basic Bookkeeping for a Home Business
Practical accounting procedures for a small business, including MS Excel. This basic course is not intended to train students in accounting procedures at the level necessary to offer accounting services to clients. See OADM 220 as an option for further training in accounting.

VA 130-3 (BC=3)
(3-0) 15 weeks
Starting a Virtual Assistant Business
Topics include: Business plan, marketing plan, licenses, tax laws, business equipment, setting a rate, troubleshooting office equipment. Survey of several topics that will be covered in more depth in other courses.

VA 140-3 (BC=3)
(3-0) 15 weeks
Office Management for Virtual Businesses
Topics include: Time management, developing business relationships, business ethics, handling conflicts, stress management, separating home life and business, office setup and layout of a home office, meetings and event planning.

VA 150-3 (BC=3)
(3-0) 15 weeks
Marketing Your Virtual Business
Topics include: Determine a niche, network with other Virtual Assistants, design a company web site, company image, VA associations.

VA 160-3 (BC=3)
(120 hours) 15 weeks
Virtual Practicum
Complete 120 hours of practical online experience with a business. Take part in online seminars to discuss the practicum with the practicum coordinator. Grading will be credit/non-credit.
Prerequisites: Complete all the required courses and one option course while maintaining a GPA of 2.00 with no grade lower than D.

VA 170-3 (BC=3)
(3-0) 15 weeks
Web Design
Learn the basic to advanced functions of Macromedia Dreamweaver to create web sites, including: formatting text, inserting images, creating hyperlinks, building tables and frame sets, adding multimedia content and dynamic HTML features.

VA 180-3 (BC=3)
(3-0) 15 weeks
Technologies for the Virtual Office
An introduction to online technologies currently being used by Virtual Assistants and their clients. Topics include: Autoresponders, auto payments, remote access, online file sharing, product/service demos, social media organization platforms and creating online newsletters and videos.

Zoology

Note: Not all courses listed may be offered. Check Course Timetable for availability.

ZOOL 325-3 (BC=4)
(3-3) 15 weeks
Comparative Anatomy of the Vertebrates
Vertebrate structure and functional significance. Chordates, origin of vertebrates, survey of vertebrate classes, early development and major systems. Emphasis is on the mammals.
Prerequisite: BIOL 218.

ZOOL 342-3 (BC=3)
(3-0) 15 weeks
Animal Physiology: Intercellular Communication
Communication between cells. Functioning of the nervous and muscular system. Sensing of the environment. Hormones, regulation and action. Immunity. Examples from invertebrate and vertebrates.
Prerequisite: BIOL 217.

ZOOL 350-3 (BC=4)
(3-3) 15 weeks
Survey of the Invertebrates
Systematics, functional anatomy, life cycles, distribution, evolution, and importance of major invertebrate taxa. Brief survey of minor taxa. Selected topics in invertebrate biology.
Prerequisite: BIOL 218.

CAREER & ACADEMIC PREPARATION COURSES

Note: You must have strong prerequisite skills to be successful in higher course levels.

Note: Some courses in our program may be taken through independent study subject to Chairperson approval.

Accounting

ACCT 075-6 (BC=6)
(6-0) 15 weeks
Basic Accounting I
This course is equavalent to OADM 120.
High School Equivalent: Grade 10-11 level.

Adult Development

ADEV 061-2 (BC=2)
15 weeks
Work Place Learning
Learners will complete a combination of work site learning and/or volunteerism and instructional modules designed to meet individual needs on a continuum of pre. employment skills to workplace experience.
Prerequisite or Co-requisite: ADEV 040 or ADEV 062 or consent of the Department.

ADEV 062-3 (BC=3)
(3-0) 15 weeks
Learning and Working Cultures
Learners will participate in a variety of activities to assist them to experience and understand the culture of learning and working. Activities may include: portfolio development, career exploration, work place ethics, learning strategies.

ADEV 063-2 (BC=2)
15 weeks
Occupational Elements
This course allows learners to contract to complete learning experiences which result in certifications such as First Aid and WHIMIS that will increase readiness for immediate employment.
Note: May not be offered every year.

ADEV 065-3 (BC=3)
(3-0) 15 weeks
Essential Skills for Learning and Working I
Learners will complete modules based on assessed individual needs in the areas of: Building Personal Capacity, Planning and Managing, Interacting and Communicating.
Prerequisite: ADEV 062.

ADEV 066-3 (BC=3)
15 weeks
Essential Skills for Learning and Working II
Learners will complete additional modules based on assessed individual needs in the areas of: Building Personal Capacity, Planning and Managing, Interacting and Communicating.
Prerequisite: ADEV 065.
Note: May not be offered every year.

ADEV 067-3 (BC=3)
15 weeks
Essential Skills for Learning and Working III
Learners will complete additional modules based on assessed individual needs in the areas of: Building Personal Capacity, Planning and Managing, Interacting and Communicating.
Prerequisite: ADEV 066.
Note: May not be offered every year.

ADEV 068-1 (BC=1)
(0-1-0) 15 weeks
Supported Study
Learners will participate in a systematic approach to study activities, taking advantage of various resources. Study and learning strategies will include formal and informal activities and resources such as student study groups, instructor consultation, Learning Resource Center, Computer Lab, Counselling & Learning Support. Learners will be responsible for planning and recording their plans and activities.
Note: Check with Office 1809 for the forms to record study time.

ADEV 069-2 (BC=2)
(0-2-0) 15 weeks
Supported Study
Learners will participate in a systematic approach to study activities, taking advantage of various resources. Study and learning strategies will include formal and informal activities and resources such as student study groups, instructor consultation, Learning Resource Center, Computer Lab, Counselling & Learning Support. Learners will be responsible for planning and recording their plans and activities.
Note: Check with Office 1809 for the forms to record study time.

Biology

BIOL 075-4 (BC=4)
(4-1) 15 weeks
Introductory Biology
For students with no biology background. Includes basic cell chemistry and cell function; genetics and evolution; classification of living things. Lab work is related to class discussion and gives you practical experience in a lab setting.
High School Equivalent: Grade 10-11 level.
Prerequisite: ENGL 075 or English 10.
Co-requisite: ENGL 075.

BIOL 095-6 (BC=6)
(5-2) 15 weeks
Preparatory Biology
Principles of human anatomy and physiology. Basic environmental biology. This course will prepare you for more advanced studies in biology. Lab work is related to class discussions, and allows you to improve certain biology lab skills. A strong background in basic chemistry recommended.
High School Equivalent: Grade 12 level.
Prerequisite: BIOL 075 or Biology 20 (Alberta).

Chemistry

Note: You need a lab coat and safety glasses to take part in chemistry labs. You can buy these items at the Bookstore. Please note that contact lenses are not allowed in the laboratory.

CHEM 075-4 (BC=4)
(4-1) 15 Weeks
Introductory Chemistry
For students with no chemistry background. Elements and the periodic table. Chemical bonding. Nomenclature. Chemical reactions. Stoichiometry. Lab work is related to class discussions.
High School Equivalent: Grade 10-11 level.
Prerequisite or Co-requisite: MATH 075, Math 10, Math 10 (Pure) or Math 23.

CHEM 095-6 (BC=6)
(5-0-2) 15 weeks
Preparatory Chemistry
For students with previous study in bonding, nomenclature, and stoichiometry. Gases. Solutions. Energy. Electrochemistry. Equilibrium. Acids and Bases. Lab work is related to class discussions.
High School Equivalent: Grade 12 level.
Prerequisite: CHEM 075 or Chem 20, and MATH 075 or Math 10.

Computers

BCMT 050-4 (BC=4)
(3-2) 15 weeks
Basic Computer Skills
For students who have very minimal computer skills. An introduction to practical basic computer skills including using windows, keyboarding, word processing, and using Internet e-mail. A hands-on integrated approach designed for the apprehensive computer beginner.

CMPT 073-1 (BC=1)
Intermediate Keyboarding II
See page 158 for course description.

CMPT 085-4 (BC=4)
(3-2) 15 weeks
Introduction to Personal Computers
See page 158 for course description.

CMPT 090-4 (BC=4)
(3-2) 15 weeks
Information Processing Using Microcomputers
See page 158 for course description.

English

ENGL 050-5 (BC=5)
(4-2S) 15 weeks
Basic English
For students who have been away from school for some time. This course is designed to develop reading, comprehension and vocabulary skills and to develop writing skills. It provides a basic introduction to literature.

ENGL 075-5 (BC=5)
(5-0) 15 weeks
Reading, Viewing and Composition
Introduction of major literary genre. Development of critical and analytical reading and viewing skills. Presentation of responses to text in written and oral form. Development and improvement of writing skills, including grammar study. Introduction to research and documentation.
High School Equivalent: Grade 11 level.
Prerequisite: ENGL 050 or consent of the Department.

ENGL 090-5 (BC=5)
(5-0) 15 weeks
Critical and Analytical Study of Texts
Read and respond to non-fiction, poetry, short and long fiction, and drama. Respond critically and analytically to non-print texts such as short films, video clips, documentaries, etc. Employ grammatical structures to demonstrate increasingly sophisticated writing style. Expand and polish research skills.
High School Equivalent: ELA 30-2.
Prerequisite: ENGL 075, English 20-1, ELA 20-2, English 23 or consent of the Department.

ENGL 095-5 (BC=5)
(5-0) 15 weeks
Literature and Composition
The major literary forms of prose, drama, and poetry. Critical and analytical reading. Essay writing to develop clear, concise effective arguments.
High School Equivalent: Grade 12 level.
Prerequisite: English 20, ELA 20-1, ENGL 090, ELA 30-2 or consent of the Department.

Mathematics

Note: Students who have been out of high school for one year or more will be required to be tested prior to placement in a mathematics course in the Career and Academic Preparation Program. Please book for your test by calling 342.3400 or 343.4026.

MATH 050-5 (BC=5)
(5-0) 15 weeks
Preparatory Mathematics
A basic mathematics course for students requiring algebra or applied mathematics. Operations on rational numbers; introduction to statistics; Metric and English measurement; geometry in 1, 2 & 3 dimensions; introduction to algebra; and solving equations.

MATH 075-5 (BC=5)
(5-0) 15 weeks
Introductory Algebra
An introductory course for students r equir ing algebra. Topics include; polynomials and factoring; linear equations and their graphs; solving equations and inequalities; problem solving; geometry; and trigonometry.
Prerequisite: MATH 050, Math 13 or Math 10 Prep.

MATH 085-5 (BC=5)
(5-0) 15 weeks
Intermediate Algebra
An intermediate course for students requiring algebra. Topics include: functions, relations and graphing; systems of equations; radicals and their properties; rational expressions; quadratic equations and functions; and selected topics from trigonometry.
Prerequisite: MATH 075, Math 10C, or Math 23 or 33.

Math 092-5 (BC=5)
(5-0) 15 weeks
Senior Algebra and Trigonometry
A senior math course with topics including probability, trigonometry, and relations and functions. Students will develop reasoning skills related to probability and trigonometry, and critical thinking skills related to uncertainty.
High School Equivalent: Math 30-2.
Prerequisite: Math 20 or Math 20P or Math 20-1 or Math 20-2 or Math 085.

MATH 096-6 (BC=6)
(6-0) 15 weeks
Precalculus: Algebra & Trigonometry
A senior math course. Topics include: quadratic functions; polynomial and rational functions; logarithmic and exponential functions; trigonometric functions; sequences and series; permutations and combinations. Problem solving methods will be emphasized.
Prerequisite: MATH 085 or Math 20-1.

MATH 097-5 (BC=5)
(5-0) 15 weeks
Elementary Calculus and Modern
Mathematics A senior course recommended for students who will be taking university calculus courses. Calculus topics include: limits and continuity; derivatives; graphing; applications of derivatives; integration; applications of integration. Topics in modern mathematics will be chosen from the mathematics of social choice, management science, growth and symmetry.
High School Equivalent: Math 31.
Prerequisite: MATH 096 or Math 30-1.
Corequisite: Math 096 or Math 30-1.
Note: Students with an applied mathematics background from high school will be required to upgrade according to the results of their math placement test.

Music

MUSI 192-3 (BC=3)
(3-0) 15 weeks
Rudiments of Music Theory and Aural Skills
For students with little or no formal music theory and aural skills background who have interest in these basics of music, or who are preparing to enter the Music Diploma program. Designed to acquire a basic working knowledge in traditional theory: notation, scales, key and time signatures, intervals, terminology, reading, identification by ear and by sight of melodies, rhythms and harmonies. Will prepare prospective students for entrance into Red Deer College's Music Diploma program.

Physics

PHYS 075-4 (BC=4)
(4-1) 15 weeks
Introductory Physics
Course topics include kinematics, dynamics, circular motion, work and energy, oscillatory motion and mechanical waves. Labs and project work will investigate these topics.
High School Equivalent: Physics 20.
Prerequisitie: MATH 075, Math 10 or 23 or consent of the Department.

PHYS 095-6 (BC=6)
(5-0-2) 15 weeks
Preparatory Physics
Course topics include momentum and impulse, forces and fields, electromagnetic radiation, and atomic physics. Labs and project work will investigate these topics.
High School Equivalent: Physics 30.
Prerequisite: Physics 20 or PHYS 075, and MATH 085 or Math 20-1 or Math 30-2 or consent of the Department.

Science

SCIE 050-5 (BC=5)
(5-0) 15 weeks
Basic Science
Basic scientific theories and principles in biology, chemistry and physics. Includes a discussion of the struc ture of matter, chemical reactions, energy and motion, heat, water, living things, ecology and human body systems. This course will prepare you for high school level sciences and is highly recommended.
Note: May not be offered every semester.

Social Studies

SOST 090-5 (BC=5)
(5-0) 15 weeks
Canadian Studies
Explores multiple perspectives on globalization and the impace of globalization on identity, economies, and quality of life. This course also explores the complexities of nationalism, including Canadian and international contexts. The origins of nationalism and its influence globally, regionally, and internationally are also considered. Ideologies are also considered as they relate to contemporary global issues.
High School Equivalent: Social Studies 20.2/30-2 .
Prerequisite or Co-requisite: English 75 or ELA 20-2, or consent of Department.

SOST 095-5 (BC=5)
(5-0) 15 weeks
Twentieth Century World
Learners will acquire a conceptual framework with which to respond to developing global issues by studying how ideologies originate and their effect on identity and citizenship. The course will focus on classical and modern liberalism, the viability of liberalism, and challenges of communism, totalitarianism, fascism and Nazism including economic systems.
High School Equivalent: Social Studies 30-1
Prerequisite: Social Studies 20-1 or consent of Department.
Prerequisite or Co-requisite: ENGL 090 or ELA 30-1, or consent of the Department.

ADULT BASIC EDUCATION COURSES

Canadian Studies

CAST 050-5 **(BC=5)**
(5-0) 15 weeks
Canadian Studies
Students will focus on citizenship and becoming involved citizens. Skills relevant to employability, job success, and personal management will be covered. Topics may include problem-solving, conflict resolution, teamwork, and critical thinking in the workplace.
Note: Available at Rocky Mountain House campus only.

Mathematics

MATH 038-5 **(BC=5)**
(5-0) 15 weeks
Basic Math
Basic skills in adding, subtracting, multiplying and dividing whole numbers, plus an introduction to fractions.
Note: May not be offered every year.

MATH 039-5 **(BC=5)**
(5-0) 15 weeks
Basic Math
Understanding fractions, decimals, geometry, measurement.

MATH 040-5 **(BC= 5)**
(5-0) 15 weeks
Basic Math
A review of fractions and whole numbers, plus concentration on decimals, percent, ratio and proportion, measurement, and graphing.

Reading

READ 038-5 **(BC=5)**
(5-0) 15 weeks
Basic Reading
A structured reading course which provides basic reading skills and improves vocabulary. Students entering this level may have limited reading skills.
Note: May not be offered every year.

READ 039-5 **(BC=5)**
(5-0) 15 weeks
Basic Reading
Students will read a variety of materials more fluently. Vocabulary development and reading comprehension are stressed.
Note: May not be offered every year.

READ 040-5 **(BC=5)**
(5-0) 15 weeks
Basic Reading
Increased focus on improving reading skills, enriching vocabulary and developing critical thinking skills. Students entering this level are reasonably fluent readers.

Writing

WRIT 038-5 **(BC=5)**
(5-0) 15 weeks
Basic Writing
Sentences, simple paragraphs, spelling, and phonics. Students entering this level may have limited writing skills.
Note: May not be offered every year.

WRIT 039-5 **(BC=5)**
(5-0) 15 weeks
Basic Writing
Sentence construction and paragraphs, spelling rules and strategies, journal writing. Introduction to grammar.
Note: May not be offered every year.

WRIT 040-5 **(BC=5)**
(5-0) 15 weeks
Basic Writing
Concentration is now focused on writing clearly and confidently to prepare for further studies or employment. Includes a study of grammar.

GED & PreTrades

ABES 043-5 **(BC=5)**
(5-0) 15 weeks
PreTRADES
Trades math, applied physics, and English necessary for passing the trade entrance examination administered by Alberta Career Development (excludes electrical).
Prerequisite: MATH 040 and ENGL 040 or equivalent.

INTERNATIONAL LEARNING OPPORTUNITIES

Part of RDC's Internationalization Strategy is to foster international awareness and understanding. Courses appearing contain a significant international component or are offered in an international setting.

ART 201-3 Art History I
See page 144 for course description.

ART 203-3 Art History II
See page 144 for course description.

ART 301-3 Art History
See page 145 for course description.

ART 303-3 Art History
See page 145 for course description.

ART 305-3 Art History
See page 145 for course description.

ART 306-3 Art History
See page 145 for course description.

ECON 201-3 Introduction to Microeconomics
See page 162 for course description.

ECON 202-3 Introduction to Macroeconomics
See page 162 for course description.

ECON 323-3 International Economics
See page 162 for course description.

ECON 337-3 Development Economics
See page 163 for course description.

ECON 382-3 Intermediate Macroeconomic Theory
See page 163 for course description.

ENGL 391-3 Topic In International Literature
See page 172 for course description.

ENGL 392-6 International English Literature
See page 172 for course description.

HIST 311-6 International Relations in the 20th Century
See page 176 for course description.

HIST 314-3 Europe in the Era of the World Wars, 1900-1945
See page 176 for course description.

HIST 315-3 Europe in the Era of the Cold War, 1942-1991
See page 176 for course description.

HIST 349-6 The British Empire and Commonwealth
See page 176 for course description.

INTD 370-3 Survey on International Health
See page 181 for course description.

POLI 360-6 International Relations
See page 203 for course description.

The following courses offer the opportunity for study in an international setting:

KENYA
BIOL 318-3 Principles of Ecology
See page 148 for course description.

KENYA
ANTH 323-3 Ethnographic Survey of Africa
See page 143 for course description.

BELIZE
ZOOL 350-3 Survey of the Invertebrates
See page 215 for course description.

In addition, the following courses have a significant international perspective: ANTH 200, 201, 307; GEOG 251, 381; HIST 207, 208, 209, 301, 314, 315, 333, 334, 349; POLI 388, 389.

For further information please contact the respective department Chairs.

International Partners
Ecole Superieure de Commerce International Du Pas-De Calais (ESCIP) Saint Omer, France
- Exchange Agreement

Hokkaido Asai Gakuen University Hokkaido, Japan
- Exchange Agreement

NOTES

NOTES

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Millennium Centre
4909 - 49 Street
Red Deer, Alberta
Canada
T4N 1V1

INFORMATION

Monday - Friday	8:00 a.m. – 4:30 p.m.
Main Phone Number	403.342.3400
Main Fax Number	403.357.3660
Toll-free Number	1.888.732.4630
Email	inquire@rdc.ab.ca

DEPARTMENTS

Academic Advising	403.342.3585
Apprenticeship Registration	403.342.3100
	1.888.475.1101
Athletics	403.342.3201
Bookstore	403.342.3245
Cashiers/Parking	403.342.3132
Child Care Centre	403.357.3600
Continuing Education	403.356.4900
	1.888.886.2787
Counselling & Career Centre	403.343.4064
Disability Services	403.357.3629
Distance Learning Services	403.357.3664
Funding & Awards	403.342.3254
International Student Services	403.342.3400
Learning Support Services	403.357.3629
Prior Learning Assessment	403.342.3219
Registrar's Office	403.342.3400
Residence	403.342.3257
Students' Association	403.342.3200

The web version is the official academic calendar. Go to: www.rdc.ab.ca/academic_calendar

Prospective Student Office Hours
Mon. - Fri. | 8:30 am - 4:30 pm
Program Inquiries 403.342.3400
Toll Free 1.888.732.4630
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E-mail inquire@rdc.ab.ca

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