

Red Deer College 2018|19

# PROGRAM AND COURSE GUIDE





## 2018 - 2019 program and course guide

### 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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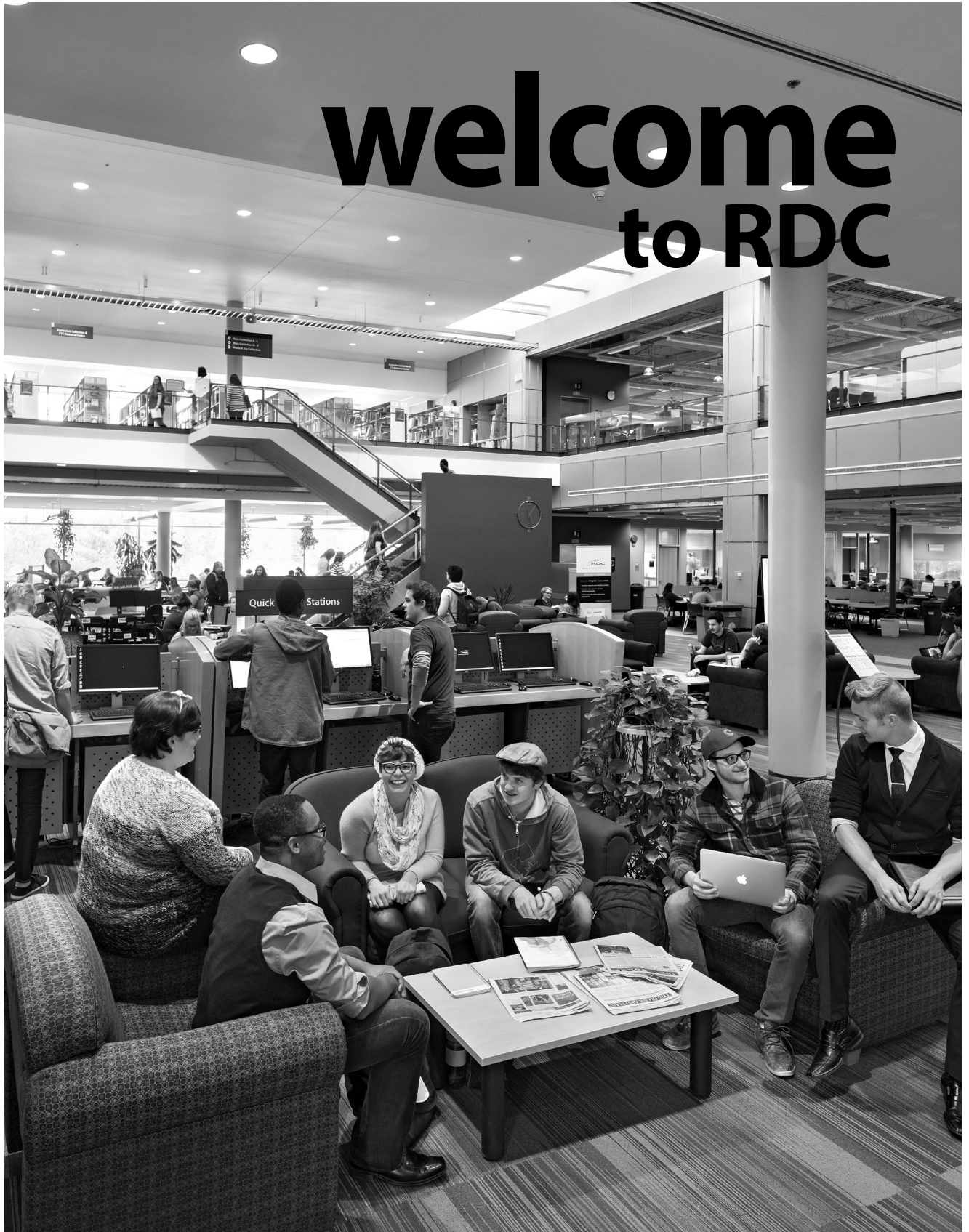
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## 2018-2019 PROGRAM AND COURSE GUIDE

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



# Academic Schedule - 2018-2019

July 2018						
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-fifth College Year begins
- 2 College Closed
- 3 First day of classes for Summer term  
Tuition fees for Summer term due  
**Registration will be cancelled if tuition is not paid.**
- 6 Last day to register, add or drop Summer term courses  
Last day to apply for Supplemental Exams for Spring term
- 11 Supplemental Exams for Spring term written
- 27 Midterm feedback for Summer term

August 2018						
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 2019
- 6 Heritage Day - College closed
- 10 Tuition Fees for Fall term and Full year courses due  
**Registration will be cancelled if tuition is not paid.**
- 17 Last day of classes for Summer term  
Last day to withdraw from Summer term courses and receive a WD
- 20 First day of Final Exams for Summer term
- 23 Last day of Final Exams for Summer term
- 27 Deferred Exams for Summer term written
- 29 Last day of course waitlist for Fall term
- 30 Last day for submission of final grades for Summer term courses
- 31 Final grades available for Summer term courses

September 2018						
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 Labour Day - College closed
- 4 New Student Orientation
- 5 First day of classes for Fall term
- 7 Last day to apply for Supplemental Exams for Summer term
- 12 Last day to apply for Fall term 2018
- 14 Last day to register, add or drop Fall term or Full year courses  
**Last day for tuition refund**
- 15 Supplemental Exams for Summer term written

January 2019						
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
- 3 First day of classes for Winter  
**Tuition Fees for Winter term due.**  
**Registration will be cancelled if tuition is not paid**  
Midterm feedback for Full year courses
- 8 Last day to apply for Winter term 2019
- 9 Last day to apply for Supplemental Exams for Fall term
- 10 Last day to register, add or drop Winter term courses  
**Last day for tuition refund**
- 12 Supplemental Exams for Fall term written

February 2019						
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		

- 1 Emergency Response Day
- 15 - 28 Reading Break - No credit classes\*
- 18 Family Day - College closed

\*As a result of RDC partnering to host the 2019 Canada Winter Games, an extended Winter Term Reading Break has been approved for the 2018/2019 academic year. The Reading Break applies to all credit courses and is scheduled from February 15 through to March 1, 2019. During this period exceptions will apply for practicums, clinical or courses with a work experience. Please refer to the 2018/2019 Academic Schedule for specific dates for the exceptions. Apprenticeship programs and Continuing Education classes do not follow the Academic Schedule and will continue as scheduled by Apprenticeship and Industry Training and the School of Continuing Education.

March 2019						
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 Reading break - No credit classes\*
- 4 Credit classes resume
- 8 Midterm feedback Winter term
- 18 Continuing Student Registration opens
- 22 Final Exam Schedule posted

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 2018						
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 2019
- 2 Emergency Response day
- 8 Thanksgiving Day - College closed
- 26 Midterm feedback for Fall term

November 2018						
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	

- 9 College open - No credit classes
- Final Exam schedule posted
- 11 Remembrance Day. College closed
- 12 Statutory Holiday. College closed
- 13 Credit classes resume

December 2018						
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					

- 5 Last day of classes for Fall term
- Last day to withdraw from Fall term courses and receive a WD**
- 10 First day of Final Exams for Fall term courses
- 15 Last day of Final Exams for Fall term courses
- 18 Deferred Exams written
- 19 Last day of course waitlist for Winter term
- 21 Last day for submission of final grades for Fall term courses
- 22 Final grades available
- 24 College closed at noon
- 25-31 College closed

April 2019						
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 2020
- 8 New Student Registration opens
- 17 Last day of classes for Full year and Winter term courses
- Last day to withdraw from Full year & Winter term courses and receive a WD**
- 19 Good Friday. College closed
- 22 First day of Final Exams
- 27 Last day of Final Exams
- 30 Deferred Exams written

May 2019						
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 for submission of final grades for Winter term and Full year courses
- Last day of the course waitlist for Spring term
- 6 First day of classes for Spring term
- Tuition fees for Spring term due**
- Registration will be cancelled if tuition is not paid**
- Final grades for Winter term available
- 8 Last day to apply for Spring term
- 10 Last day to register, add or drop Spring term courses
- Last day for tuition refund**
- 13 Last day to apply for Supplemental Exams for Winter term
- 18 Supplemental Exams for Winter term written
- 20 Victoria Day. College closed
- 28 Midterm feedback for Spring term

June 2019						
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						

- 7 Convocation
- 10 Final Exam Schedule posted
- 20 Last day of classes for Spring term courses
- Last day to withdraw from Spring term courses and receive a WD**
- 22-23 Annual Power Shutdown
- 24 First day of Final Exams for Spring term courses
- 27 Last day of Final Exams for Spring term courses
- 30 College year ends

# Academic Schedule - 2019-2020

July 2019						
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			

- Canada Day - College closed  
Fifty-sixth College Year begins
- First day of classes for Summer term  
Tuition fees for Summer term due  
**Registration will be cancelled if tuition is not paid.**  
Deferred exams for Spring term written
- Last day to register, add or drop Summer term courses  
**Last day for tuition refund**  
Last day to apply for Supplemental Exams for Spring term
- Supplemental Exams for Spring term written
- Midterm feedback for Summer term

August 2019						
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

- First day to apply for Spring 2020
- Heritage Day - College closed
- Tuition Fees for Fall term and Full year courses due  
**Registration will be cancelled if tuition is not paid.**
- Last day of classes for Summer term  
Last day to withdraw from Summer term courses and receive a WD
- First day of Final Exams for Summer term
- Last day of Final Exams for Summer term
- Deferred Exams for Summer term written
- Last day of course waitlist for Fall term
- Last day for submission of final grades for Summer term courses
- Final grades available for Summer term courses

September 2019						
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					

- Labour Day - College closed
- New Student Orientation
- First day of classes for Fall term
- Last day to apply for Supplemental Exams for Summer term
- Last day to apply for Fall term 2019
- Last day to register, add or drop Fall term or Full year courses  
**Last day for tuition refund**
- Supplemental Exams for Summer term written

January 2020						
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	

- New Year's Day - College closed
- College open - No credit classes
- College open - No credit classes
- First day of classes for Winter  
**Tuition Fees for Winter term due.**  
**Registration will be cancelled if tuition is not paid**  
Midterm feedback for Full year courses
- Last day to apply for Winter term
- Last day to register, add or drop Winter term courses  
**Last day for tuition refund**
- Last day to apply for Supplemental Exams for Fall term
- Supplemental Exams for Fall term written

February 2020						
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

- Family Day - College closed
- Reading Break - No credit classes\*
- Credit classes resume

March 2020						
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				

- Midterm feedback Winter term
- Emergency Response Day
- Final Exam Schedule posted
- Continuing Student Registration opens



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.

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20	21	22	23	24	25	26
27	28	29	30	31		

- 1 First day to apply for Fall term 2020
- Emergency Response Day
- 14 Thanksgiving Day - College closed
- 15-18 Reading Break - No credit classes
- 21 Credit classes resume
- 24 Midterm feedback for Fall term

November 2019						
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
- 14 Final Exam schedule posted

December 2019						
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				

- 9 Last day of classes for Fall term
- Last day to withdraw from Fall term courses and receive a WD**
- 13 First day of Final Exams for Fall term courses
- 18 Last day of Final Exams for Fall term courses
- 20 Last day of course waitlist for Winter term
- 20 Deferred Exams written
- 23 Last day for submission of final grades for Fall term courses
- 24 Final grades available
- 24 College closed at noon
- 25-31 College closed

April 2020						
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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 2021
- 6 New Student Registration begins
- 8 Last day of classes for Full year and Winter term courses
- Last day to withdraw from Full year & Winter term courses and receive a WD**
- 10 Good Friday. College closed
- 14 First day of Final Exams
- 18 Last day of Final Exams
- 21 Deferred Exams written
- 22 Last day of the course waitlist for Spring term
- 23 Last day for submission of final grades for Winter term and Full year courses
- 24 Final grades available

May 2020						
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 Last day to apply for Supplemental Exams for Winter term
- 4 First day of classes for Spring term
- Tuition fees for Spring term due**
- Registration will be cancelled if tuition is not paid**
- 6 Last day to apply for Spring term
- 8 Last day to register, add or drop Spring term courses
- Last day for tuition refund**
- 9 Supplemental Exams for Winter term written
- 18 Victoria Day. College closed
- 22 Final Exam Schedule posted
- 29 Midterm feedback for Spring term

June 2020						
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				

- 7 Convocation
- 18 Last day of classes for Spring term courses
- Last day to withdraw from Spring term courses and receive a WD**
- 22 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
- 29 Last day for submission of final grades for Spring term
- 30 Final grades available
- 30 College year ends

# Admission

For further information, contact the  
Office of the Registrar  
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:** Some programs are classified as over-subscribed requiring a competitive admission process. Admission is gained through academic achievement using an applicant's Grade Point Average (GPA).

## 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.) Regular admission requirements may include:

- Suitable courses, grades, and averages.
- Tests, auditions, portfolios, or other approved criteria.

### 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 30-1 (Etudes Social)
3. Aboriginal Studies 30
4. Am Sgn Lng & Deaf Culture 35
5. Am Sign L & C 35-9Y
6. American Sign Lang Arts 35
7. Arabic L & C 35-12Y
8. Blackfoot Lang & Cult 30
9. Chinese Lang & Culture 30-3Y
10. Chinese Lang & Culture 30-6Y
11. Chinese Lang & Culture 30-9Y
12. Chinese Language Arts 30
13. Cree L & C 30-12Y
14. Cree Lang & Culture 30
15. Cree Lang & Culture 30-3Y
16. Cree Lang & Culture 30-6Y
17. Cree Language & Culture 30-9Y
18. Francais 30-1
19. Francais 30-2
20. French 30-3Y
21. French 30-9Y
22. French 31
23. French Language Arts 30-1
24. French Language Arts 30-2
25. German Lang & Culture 30-3Y
26. German Lang & Culture 30-6Y
27. German Lang & Culture 30-9Y
28. German Language Arts 30
29. German Language Arts 35

30. Greek 35
31. Hebrew 35
32. Hebrew Language Arts 35
33. Hungarian 35
34. Italian Lang & Culture 30-3Y
35. Italian Lang & Culture 30-6Y
36. Japanese 30
37. Japanese Lang & Culture 30-3Y
38. Japanese Lang & Culture 30-6Y
39. Japanese Lang & Culture 30-9Y
40. Korean Lang & Culture 35
41. Korean Lang & Culture 35-3Y
42. Latin 30
43. Polish 35
44. Polish Lang & Culture 35 - 12Y
45. Polish Lang & Culture 35 - 3Y
46. Polish Language & Arts 35
47. Portugese 35
48. Punjabi Lang & Culture 30-3Y
49. Punjabi Lang & Culture 30-9Y
50. Punjabi Lang & Culture 35
51. Russian 35
52. Sikh and Punjabi 35
53. Spanish Lang & Culture 30-3Y
54. Spanish Lang & Culture 30-6Y
55. Spanish Lang & Culture 30-9Y
56. Spanish Language Arts 30
57. Swedish 35
58. Ukranian Lang Arts 30
59. Ukranian Lang & Culture 30-3Y
60. Ukranian Lang & Culture 30-6Y
61. Ukranian Lang & Culture 30-9Y

#### Group B (Fine Arts)

1. Adv Acting/Touring Theatre 35
2. Adv Tech-Print/Draw/Sculp(5Cr)
3. Applied Graphic Arts 35
4. Art 30
5. Art 31
6. Ballet 35
7. Band 35
8. Band Music 35
9. Choir 35
10. Choral Music 30
11. CommunicationTech Adv(CTS-5Cr)
12. Contemporary Dance 35
13. Dance 35
14. Dance Composition 35
15. Directing 35
16. Drama 30
17. Drawing(Adv Techn) 35(CTS-5Cr)
18. Film Studies 35
19. General Music 30
20. Instrumental Jazz 35
21. Instrumental Music 30
22. Jazz Dance 35

23. Music 35
24. Musical Theatre 35
25. Painting (Adv Techn) 35
26. Performing Arts 35A
27. Portfolio Art 35
28. Pottery/Ceramics(Adv Techn) 35
29. Sculpting (Adv Techn) 35
30. Shooting the Screenplay 35
31. Tap Dance 35
32. Technical Theatre 35
33. Technical Theatre EPS 35
34. Theatre Arts 35
35. Vocal Jazz 35

#### 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 Applied, Social Studies 30-2, and FLA 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 Applied can't be used to satisfy a Group D requirement.

RDC Academic Upgrading 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 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

#### **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 Academic Upgrading Program and Alberta Education courses and is used for admission purposes only.

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

### 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 Office of the Registrar 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:

- Successful completion of three years of full-time education in English, at the secondary or post-secondary level:
  - completed within Canada including the grade 12 year
  - completed in another country where English is recognized as an official language of instruction (see chart at [www.rdc.ab.ca/elp](http://www.rdc.ab.ca/elp))
  - completed at a recognized school or institution which uses English as the primary language of instruction
- 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.
- Completion of English Language Arts 30-1 or equivalent with a minimum grade of 60%.
- Completion of Level 3, of the RDC Continuing Education English for Academic Purposes program, with a grade of 80% or higher
- Successful completion of :

**Note:** Applicants applying to the Academic Upgrading or Transitional Vocational programs 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 Academic Upgrading 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 must also meet the language proficiency requirements of National Association of Pharmacy Regulatory Authorities. For more information go to Pharmacy Technician Diploma.

### Enrolment Quotas and Limits

Many RDC programs and courses have limited enrolment, 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 three ways:

- Successfully pass Alberta Education Diploma Exams or other provincial education equivalents.
- Apply to the RDC Academic Upgrading and successfully complete the RDC High School equivalent courses required for program admission.
- Apply to a RDC program and subsequently submit a Recognition of Prior Learning (RPL) application; then apply for a Challenge Examination of RDC High School equivalent courses required for program admission.

### Residency Requirement

In order to qualify for an RDC program credential, students must complete 50% 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. You will 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 Registrar's Office. There is no application fee for this process.

Program	TOEFL (overall score)	IELTS Academic (overall score)	CAEL (overall score)	MELAB (overall score)	PTE (overall score)
All other programs	83 iBT 557 PBT	6.5 with at least 5.5 on each band score	60 with at least 55 on each band score	77 with at least 72 on each band score	59 with at least 56 on each band score
Pharmacy Technician	91 iBT 577 PBT	6.5 with at least 6.0 on each band score	NA	81 with at least a 75 on each band score	NA
Bachelor of Science Nursing / Practical Nurse	92 iBT 580 PBT	7.0 with at least 6.5 on each band score	70 with at least 65 on each band score	82 with at least a 76 on each band score	67
Bachelor of Education	100 iBT 600 PBT	8.0 with at least 7.5 on each band score	80 with at least 75 on each band score	84 with at least 78 on each band score	76

**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**

In order to gain admission to RDC, official transcripts of all previous high school and post-secondary education must be sent directly from the issuing institution to RDC. The envelope must not be opened prior to arriving at RDC.

**Document deadlines**

	Fall term	Winter term	Spring term
Domestic Applicants	Aug 15	Dec 15	Apr 1
International Applicants	July 15	Dec 1	Mar 31

**Note:** Applicants to the following programs must submit official or in-progress transcripts by March 1, to be considered for admission to the next academic year:

- Bachelor of Science, Engineering
- Bachelor of Science, Nursing
- Practical Nurse diploma

Transcripts submitted after March 1 will determine your position on the waitlist. Please refer to the specific program entry in the Academic Calendar for more information.

Send transcripts to:  
Office of the Registrar  
100 College Boulevard  
Box 5005  
Red Deer, AB T4N 5H5

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 that is the case, you might be charged an assessment fee and the assessment takes an average of 4-6 months. See 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](http://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.

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.

**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 Office of the Registrar 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](mailto: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 may 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. Students registering in these courses can complete a diagnostic test prior to the start of classes. Test results will identify which areas students may need assistance in prior to and during classes.

**Placement Testing**

Applicants to the Academic Upgrading program will require placement testing prior to course registration.

# Fees

**Subject to change**

See [www.rdc.ab.ca/tuition\\_fees](http://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 2018-2019**

Approved Tuition (per billing credit)	
All Programs	\$110.50/cr
SA Fee	\$ 6.25/cr

**International Students 2018-2019**

(per billing credit)	
Tuition	\$330.00/cr
SA Fee	\$ 6.25/cr

**Other Fees**

Activity & Wellness Fee/term	\$ 22.00
Advanced Placement	\$ 75.00
Application Fee	
- Canadian Resident	\$ 100.00
- International Students	\$ 200.00

Challenge Exams (per academic credit)	\$ 110.50
Convocation Fee	\$ 45.00
Courier Cost for Transcript	
- Domestic	\$ 20.00
- U.S.	\$ 40.00
- International	\$ 65.00
Deferral or Late Charge	\$ 40.00
Course Schedule / Confirmation of Enrollment Letters printed	\$10
Dental Fee - Fall Term	\$ 76.25
Dental Fee - Winter Term	\$ 76.25
Diploma/Cert. Replacement	\$ 80.00
Extension to Incomplete Grade	\$ 50.00
Facility, Service & Tech Fee	\$ 10.00
Graduation Gown Rental	\$ 30.00
Health Fee - Fall Term	\$ 76.25
Health Fee - Winter Term	\$ 76.25
iCard - Replacement	\$ 20.00
Withdrawal	\$ 25.00
Photo Replacement/Duplicate	\$ 5.00
Printing/Photocopying	
-white bond	\$ .10
-color	\$ .50
Late Fee/Re-registration Fee	\$ 45.00
Parking Replacement Cards	\$ 10.00
Prior Learning Assessment	75% of approved tuition fee
Program Cancellation Fee (per course to a maximum of \$250.00)	\$ 50.00
Program Cancellation Fee (Apprentice)	\$ 125.00
Program Cancellation Fee (International) (per course to a maximum of \$750)	\$ 150.00
Returned Cheque Charge	\$ 40.00
Supplemental Exam	\$ 75.00
T2202A Replacement Fee	\$ 10.00
Transfer Credit	\$ 75.00

To waive, add family or re-activate Student Health and Dental Plans, contact the Student Benefits Plan Office by September 17, 2018 for Fall term and January 14, 2019 for Winter term (403.356.4982 or [www.mystudentplan.ca](http://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.

## 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.

For more information, call 403.342.3400 or email: [rpl@rdc.ab.ca](mailto:rpl@rdc.ab.ca).

## 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 prerequisite 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

Community Health Modules 1040, 1050, 1080, 2050, 2070, 3020, 3040, 3050  
 Community Health 2120  
 Community Health 2070 (ASL 1)  
 Community Health - Health Science Modules (Advanced) and NAIT EMR Certificate  
 Community Health 3010-3030, 3070, 3100  
 Community Health - Health Science Modules (80% minimum mark)  
 Construction Technologies Modules  
 Electro-Technologies Modules  
 Fabrication Studies Modules  
 Fashion Studies Modules 1030-1060, 2020, 2030, 2050-2110, 3020-3060, 3090  
 Financial Management 2010, 2050, 3030, 3020, 3040  
 Financial Management 2010, 2050, 3010, 3020, 3040  
 Financial Management 1010-1030  
 Financial Management 2020-2050  
 Foods 2150  
 Information Processing 1010, 1030, 1040, 2050, 2070, 2080  
 Information Processing 3110, 3120 & CMPT 110 Projects  
 Information Processing 1010, 1030, 1040, 2040  
 Information Processing 3030  
 Information Processing 3040  
 Information Processing 2050  
 Information Processing 2040  
 Information Processing 2050-2080, 2120  
 Information Processing 3030  
 Information Processing 2170, 2160, 3150 - 3170 & CSYS 112 final exam and assignment  
 Tourism Studies 1010, 1020  
 Tourism Studies 1030 (Alberta Best or equivalent)  
 Work Experience (250 hours relevant experience)  
 Work Experience (250 hours relevant experience)  
 Work Site Learning (250 hours)  
 Industry-related placements only  
 Advanced credit relevant to student's major

### Red Deer College Course Equivalents

ECD 211 & Course Audit  
 Grad requirement for some programs  
 Rehabilitation 351  
 Rehabilitation 205  
 Second year Social Work Option - 3 credits  
 Advanced progress in first two years of Nursing  
 Advanced Progress in first year apprenticeship  
 Advanced Progress in first year apprenticeship  
 Advanced Progress in first year apprenticeship  
 Drama 105  
 Hospitality 202 (non-accounting majors only)  
 Hospitality 202 (non-accounting majors only)  
 Office Administration 120  
 Office Administration 121  
 Hospitality 215  
 Hospitality 213  
 Computing 110  
 Hospitality 307  
 Law 125  
 Law 235  
 Law 126  
 Office Administration 110  
 Office Administration 100/101  
 Office Administration 111  
 Computer Systems Technology 112  
 Hospitality 301  
 Hospitality 233  
 Meets Social Work entrance requirement  
 Hospitality & Tourism Practicum - HOSP 209, 217, or 224 depending on student's major  
 One of:  
 Hospitality 209 (Marketing 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

### Associate Dean

Dr Peter Fielding

E-mail: [inquire@rdc.ab.ca](mailto: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 through the School of Creative 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

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

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. 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](http://www.fsw.ucalgary.ca).

## Application Process

To be eligible to apply to the Bachelor of Social Work Learning Circles route, students require 60 credits of transferable coursework, including the class SOWK 207. You can take these 60 credits at RDC in a Bachelor of Arts. RDC's Social Work Diploma can also be used towards the first 2 years of the Bachelor of Social Work if diploma students have completed ELA 30-1 or equivalent, have taken 6 credits (2 courses) of English as part of the diploma's communication requirement, and have chosen option courses that transfer to the University of Calgary. For more information on admission requirements, please contact the Red Deer College School of Arts and Sciences Advisors.

## University of Calgary

# Bachelor of Arts

## Psychology Major Sociology Major

### Associate Dean

Dr. Jane MacNeil

E-mail: [inquire@rdc.ab.ca](mailto: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. Psychology or Sociology Majors are available. An optional Minor in Anthropology, Communication and Media 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.

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 prerequisite 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](http://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. **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. **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](http://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:

**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](http://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](http://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](http://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:

## 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 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](http://www.rdc.ab.ca/uofc-ba-degree)  
 Room 2506l  
 Box 5005  
 Red Deer AB (Canada) T4N 5H5

**Mount Royal University**

# Bachelor of Business Administration

**Associate Dean**

Trevor Thomas

E-mail: [inquire@rdc.ab.ca](mailto: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. RDC Business Administration (all majors) Diploma holders, RDC Financial Services Diploma holders, and RDC University Transfer Studies Diploma holders (who have completed the required Core BBA Business courses specified under admission requirements) are eligible to apply, and take the third and fourth year of the Mount Royal University Degree at Red Deer College.

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 60 credits, 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 RDC Financial Services Diploma, or RDC University Transfer Studies Diploma with at least 20 courses and 60 credits..

RDC University Transfer Studies Diploma holders are expected to have completed ten of the following thirteen Core BBA Business courses as part of their University Transfer Studies Diploma:

BUS 306	Introduction to Business Statistics I (or BADM 111)
BUS 307	Introduction to Business Statistics II
ECON 201	Introduction to Microeconomics (or ECON 100)
ECON 202	Introduction to Macroeconomics (or ECON 101)
BADM 132	Introduction to Marketing
ACCT 202	Introduction to Financial Accounting (or ACCT 102)
ACCT 204	Managerial Accounting (or ACCT 104)
BADM 110	Introduction to Management (or BUS 201)
BADM 281	Human Resources
BUS 303	Introduction to Organizational Behavior
BUS 310	Introduction to Finance (or BADM 260)
BUS 311	Legal Foundations of the Canadian Economy
COMM 250	Business and Workplace Writing

University Transfer Studies Diploma holders who have completed ten of these thirteen courses may be considered for admission to the MRU BBA, but may have to complete those courses in addition to the 20 remaining BBA courses after they have entered the BBA.

Students may be admitted to the BBA if they have previously completed the RDC Financial Services Diploma. The RDC Financial Services Diploma is no longer being offered; Financial Services is now a major in the Business Administration Diploma. Graduates of the RDC Financial Service Diploma must see the MRU BBA Program Student Advisor at RDC for program planning.

**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:

- 17 Core BBA Business Courses
- 9 General Management Major Courses
- 12 General Education Courses
- 2 Elective Courses

The afore-mentioned Diplomas provide credit for up to 20 of the 40 courses required by the degree. The remaining 20 courses taken in the 3rd and 4th years must be selected from the list of RDC-MRU Co-Listed Courses. Depending on the specific courses completed in older Diplomas (those earned prior to 2012), 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

Over the 4 years of the degree, including those courses taken in the Diploma, students must complete:

- 17 Core BBA Business Courses
- 9 General Management Major Courses
- 12 General Education Courses
- 2 Elective Courses

Students entering the BBA program with a Business Administration Diploma, (depending on each student's transfer credit), must complete:  
5 Core BBA Business Courses:

MGMT 320	Business Statistics II or BUS 307 Business Statistics II
MGMT 410	Global Business Environment
MGMT 420	Operations Management
MGMT 430	Business Plan Development
MGMT 490	Strategic Management

3 Business Major Courses (300/400 level) selected from the following:

MGMT 310	Introduction to the Stock Market (3 credits)
MGMT 315	Advanced Corporate Finance (3 credits)
MGMT 450	Leadership (3 credits)
MGMT 460	Change Management (3 credits)
MGMT 470	Corporate Social Responsibility (3 credits)
ACCT 306	Auditing (3 credits)*
ACCT 305	Personal & Corporate Income Tax (3 credits)*
ACCT 310	Advanced Financial Accounting (3 credits)*
ACCT 308	Advanced Managerial Accounting (3 credits)*

\* 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

### Minor in Finance and Economics

A joint offering of the two disciplines, this minor will appeal to the student who recognizes the synergies between them. A combination of theory and applied knowledge.

All of the following:

ACCT 102: Introductory Accounting I  
or ACCT 202: Intro Financial Accounting  
ECON 100: Intro Business Microeconomics  
or ECON 201: Introduction to Microeconomics  
ECON 101: Intro Business Macroeconomics  
or ECON 202: Introduction to Macroeconomics  
BADM 260: Intro to Corporate Finance  
or BUS 310: Introduction to Finance

Four courses\*:

Minimum one of:

ECON 381: Intermediate Microeconomic Theory  
ECON 382: Intermediate Macroeconomic Theory

ECON 341: Money and Banking  
ECON 3xx: International Trade  
ECON 3yy: International Money and Finance  
ECON 3zz: Economics of the Public Sector

Minimum one of:

MGMT 310: Introduction to the Stock Market  
MGMT 315: Advanced Corporate Finance

\* All of these courses may not be offered every year as some may be on a course rotation basis

\* Some of the minor courses qualify as General Education Courses. Please consult your BBA Planning Guide or Academic Advisor.

Students entering the BBA program with a University Transfer Studies Diploma must complete:

MGMT 410	Global Business Environment
MGMT 420	Operations Management
MGMT 430	Business Plan Development
MGMT 490	Strategic Management

The remaining 16 courses must be Co-Listed with MRU and will depend on the courses taken in their University Transfer Studies Diploma. These courses will include General Education, General Management Major, or Elective courses to complete the 4 year requirements. See the MRU BBA Program Student Advisor at RDC for further information and program planning and for the most current list of Co-Listed courses.

### 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) required Co-Listed 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 - Middle Years

### Associate Dean

Julia Rheume  
E-mail: [inquire@rdc.ab.ca](mailto: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

## Associate Dean

Dr. Amy Toosi

E-mail: [inquire@rdc.ab.ca](mailto:inquire@rdc.ab.ca)

Local calls: 403.342.3400

Toll Free: 1.888.732.4630

## Related Careers

This program prepares you for entry-level nursing positions in any health care agency. You will be skilled in problem solving, critical thinking, clinical decision making, facilitating case management, coordinating and supervising the activities of interprofessional teams as well as focussing on promoting and maintaining good health and caring for the sick. A bachelor's degree is required for nursing positions. A degree also improves your chances for promotion.

## The Program

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 National Council Licensure Examination (NCLEX). 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.

## Admission Requirements

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

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

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

- 20 high school credits from the following subjects: Biology 30, Chemistry 30 or Science 30, Math 30-1 or 30-2, ELA 30-1. If any of these courses are in progress at the transcript submission deadline, the 20-level in the subject will be used.
- 18 post-secondary credits including all credits from the most-recently completed term plus the best grades from the next most recent term.
- 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.

**Note:** Post-secondary credits will be used in the Conditional Admission GPA calculation before High School credits, regardless of when the post-secondary credits were taken. Post-secondary credits do NOT include any High School equivalents completed at a post-secondary institution (i.e. High School equivalents completed at RDC).

**Note:** Transcript deadline for the initial GPA calculation is March 1.

**Note:** Indigenous applicants to the Bachelor of Science Nursing program, go to Program Admission Features above for more information.

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements.

## 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:

- A specific schedule of immunization (forms provided by college).
- Evidence of a current Heart and Stroke Foundation: Basic Life Support Provider Level. You must be recertified in each year of the program.
- 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.

**Note:** Students with Study Permits that are admitted to a program that has a practicum or clinical placement in childcare, primary/secondary school teaching or health service field occupations must complete their Medical Authorization as required by Citizenship and Immigration Canada one month prior to the start of classes.

**Note:** Applicants are required to have either a MAC or a PC laptop that meet the following specifications:

### Apple Laptop

Minimum requirement

MacBook Air with 1.6 GHz dual-core Intel i5 processor, 128 Gb

storage solid state, 4 Gb memory

Web camera (built in or as peripheral)

Microphone

### Windows Laptop

Minimum requirement

Laptop with 2.6 GHz dual-core Intel i5 processor, 128 Gb storage, 4

Gb memory and Windows 10 operating system

Web camera (built in or as peripheral)

Microphone

### Software

Latest version of Adobe Flash

Google Chrome browser

Microsoft Word \*

### Other

USB memory stick (Flash drive)

\* Microsoft Word is used for several purposes. Students can either purchase and install the Microsoft Word application, or install the free software client to use a Red Deer College virtual desktop with the full Microsoft Office Suite of applications.

## Program Admission Features

The Bachelor of Science Nursing program recognizes the need to facilitate access to post-secondary education for both Indigenous and non-Indigenous learners. In order to facilitate greater participation of Indigenous learners the Bachelor of Science Nursing program has designated four seats for applicants who are Status Indian/First Nations, Non-status Indian/First Nations, Metis or Inuit. Should no Indigenous applicants apply and meet the admission requirements for the designated seats, they will be released after June 1st of each year to qualified applicants on the waitlist if one exists for the program.

In accordance with the Constitution Act, 1982, Part II, Section 35(2) the applicant must meet the definition of Indigenous as an Indian, Inuit, or Métis person of Canada, or a person who is accepted by one of the Indigenous peoples of Canada as a member of their community.

Indigenous applicants must meet the admission requirements for the program as outlined in the Academic Calendar and qualify for a designated seat by:

- Self-identifying as an Indigenous applicant on the Application for Admission.
- Providing proof of Indigenous ancestry.

Proof of Indigenous ancestry (one of the following):

- Certified copy of a Status or Treaty card, Metis membership card, Nunavut Trust Certificate card, roll number or any other proof accepted by Inuit communities.
- Proof that an ancestor's name has been entered in: the Indian Register according to the Indian Act, band list of an individual band or the Inuit roll.
- Written confirmation of Indigenous ancestry from Indigenous and Northern Affairs Canada.
- Statutory Declaration by an applicant attesting to Indigenous ancestry with supporting documentation.
- Other forms of proof may also be considered at the discretion of the Registrar.

## Program Content

The goal of the collaborative program is to provide a comprehensive curricular approach to student learning that is learner centered and based on the development of discipline, profession, and practice components with mutual responsibility for teaching and learning by faculty and students. Year one of the program is a foundational year, years two to four build on this foundation. In addition, a 3 credit English course and six electives are part of the program.

## Course Sequence

**Note:** In the winter of Year 2, students will be placed in sequence A or B for the remainder of the program.

**Note:** Electives are those courses which transfer to the University of Alberta. At least one elective must be from behavioural or social sciences and one elective from INTD studies.

**Note:** Students who receive a grade of F or WD in any NURS course will be considered out of sequence. As a result, program length will be extended.

**Note:** Students who withdraw or fail a nursing clinical course in the 2nd year or 3rd year of the Bachelor of Science Nursing program (NURS 240, NURS 352, NURS 242, NURS 354, NURS 356) will be required to complete INTP 303 prior to the next attempt of the clinical course.

**Note:** Students who withdraw or fail a fourth year nursing course (NURS 406, NURS 408, NURS 409, NURS 494, NURS 495) are required to follow applicable University of Alberta policies. Fourth year students who have been out of clinical for a year or more are required to follow the applicable University of Alberta Academic Calendar.

### Year 1

#### Fall Term

NURS 215	Anatomy
NURS 230	Physiology & Pathophysiology I
NURS 225	Intro to Nursing Theory I
ENGL (3 cr)	

**Winter Term**

NURS 231 Physiology & Pathophysiology II  
 NURS 236 Medical Microbiology  
 NURS 227 Intro to Health Assessment  
 2 Electives

**Spring/Summer**

Elective

**Year 2****Fall Term**

NURS 239 Intro to Nursing Theory II  
 NURS 240 Intro to Nursing Practice  
 NURS 308 Pharmacotherapeutics  
 NURS 304 Using and Interpreting Statistics for Nursing Research

**SEQUENCE A****Winter Term – Year 2**

NURS 241 Mental Health Nursing Theory  
 NURS 242 Mental Health Nursing Practice  
 NURS 301 Nursing Research  
 Elective

**Fall Term – Year 3**

NURS 351 Acute Care Nursing Theory  
 NURS 352 Acute Care Nursing Practice  
 Elective

**Winter Term – Year 3**

NURS 353 Community Nursing Theory  
 NURS 354 Community Nursing Practice  
 Elective

**Fall Term – Year 4**

NURS 355 Acute Care Nursing Theory II  
 NURS 356 Acute Care Nursing Practice II  
 NURS 409 Leadership and Issues in Nursing

**SEQUENCE B****Winter Term – Year 2**

NURS 351 Acute Care Nursing Theory  
 NURS 352 Acute Care Nursing Practice  
 Elective

**Fall Term Year 3**

NURS 241 Mental Health Nursing Theory  
 NURS 242 Mental Health Nursing Practice  
 NURS 301 Nursing Research  
 Elective

**Winter Term– Year 3**

NURS 355 Acute Care Nursing Theory II  
 NURS 356 Acute Care Nursing Practice II  
 Elective

**Fall Term – Year 4**

NURS 353 Community Nursing Theory  
 NURS 354 Community Nursing Practice  
 NURS 409 Leadership and Issues in Nursing

**Winter Term – Year 4**

NURS 494 (4 weeks) Nursing in Context  
 NURS 495 (10 weeks) Nursing Practice

**OPTIONAL FAST TRACK****Spring/Summer term****SEQUENCE A**

NURS 407/355  
 NURS 408/356  
 NURS 409

**SEQUENCE B**

NURS 405/353  
 NURS 406/354  
 NURS 409

**Fall Term - Year 4**

NURS 494 (4 weeks)  
 NURS 495 (10 weeks)

**Program Cost Estimates**

For the most current Program Cost Estimates, go to [www.rdcab.ca/program-cost-estimates](http://www.rdcab.ca/program-cost-estimates).

**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
- 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](http://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, please click see the Academic Advising homepage at [www.rdc.ab.ca/academic\\_advising](http://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](mailto:advisors@rdc.ab.ca)

Web: [www.rdc.ab.ca/academic\\_advising](http://www.rdc.ab.ca/academic_advising)

# Bachelor of Arts

## Associate Dean

Dr. Jane MacNeil

E-mail: [inquire@rdc.ab.ca](mailto:inquire@rdc.ab.ca)

Local calls: 403.342.3400

Toll Free: 1.888.732.4630

See page 27 for general information.

## Two-Year University Transfer Program

Red Deer College offers the first two years of the Bachelor of Arts program.

## 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 Psychology and Sociology are available (with optional Minors in History, Political Science, Psychology, and Sociology).

See the program website: [www.rdc.ab.ca/uofc\\_collab\\_degree](http://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](http://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

Government and Civil Service

Research

Retail Sales

Law Enforcement and Corrections

Industrial Relations

Management

Real Estate

Journalism

Urban Planning

Publications & Printing

Armed Forces

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, History, Philosophy, Political Science, Psychology and Sociology.

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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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

On the following pages, you will find information that 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](http://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.

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

## 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

## Associate Dean

Dr. Jane MacNeil

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Local calls: 403.342.3400

Toll Free: 1.888.732.4630

See page 27 for general information.

## Two-Year University Transfer Program

Red Deer College offers the first two years of the Bachelor of Arts program.

## 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 28. 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 29 for admission requirements.

## Transfer Features

See page 28 for transfer features.

## University of Alberta

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.

### Suggested Pattern Year 1

ANTH 200 & ANTH 201 (6 credits)  
 ENGL 219 & ENGL 220 (6 credits)  
 Open Options (15 credits)  
 Science Option (3 credits)

### Suggested Pattern Year 2

Refer to Academic Advising Planning Guides.

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

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 Year 1 Pattern

ANTH 200 & ANTH 201 (6 credits)  
 ENGL 219 & ENGL 220 (6 credits)  
 Open Options (15 credits)  
 Science Option (3 credits)

### Suggested Year 2 Pattern

Refer to Academic Advising Planning Guides.

## University of Lethbridge

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.

### Suggested Year 1 Pattern

ANTH 200 & ANTH 201 (6 credits)  
 ENGL 219 & ENGL 220 (6 credits)  
 Open Options (15 credits)  
 Science Option (3 credits)

### Suggested Year 2 Pattern

Refer to Academic Advising Planning Guides.

# Bachelor of Arts in Communications Studies

## Associate Dean

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See page 27 for general information.

## University Transfer Program

Red Deer College offers the first two years of the Bachelor of Arts program.

## 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 28.

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 29 for admission requirements.

## Transfer Features

See page 28 for transfer features.

## University of Calgary

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, COMM 369 & COMM 375 or COMM 383 (9 credits)

ENGL 219 & ENGL 220 (6 credits)

Open Options (12 credits)

Science Option (3 credits)

### Suggested Pattern Year 2

Refer to Academic Planning Guides.

# Bachelor of Arts in Economics

## Associate Dean

Dr. Jane MacNeil

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Local calls: 403.342.3400

Toll Free: 1.888.732.4630

See page 27 for general information.

## Two-Year University Transfer Program

Red Deer College offers the first two years of the Bachelor of Arts program.

## 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  
Insurance 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 28.

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 28 for transfer features.

## University of Alberta

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.

### Suggested Pattern Year 1

ECON 201 & ECON 202 (6 credits)  
ENGL 219 & ENGL 220 (6 credits)  
MATH 202 or 203 (3 credits)  
Open Options (12 credits)  
Science Option (3 credits)

### Suggested Pattern Year 2

Refer to Academic Advising Planning Guides.

## University of Calgary

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

ECON 201 & ECON 202 (6 credits)  
ENGL 219 & ENGL 220 (6 credits)  
MATH 202 or 203 (3 credits)  
Open Options (12 credits)  
Science Option (3 credits)

### Suggested Pattern Year 2

Refer to Academic Advising Planning Guides.

## University of Lethbridge

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.

### Suggested Pattern Year 1

ECON 201 & ECON 202 (6 credits)  
ENGL 219 & ENGL 220 (6 credits)  
MATH 202 or 203 (3 credits)  
Open Options (12 credits)  
Science Option (3 credits)

### Suggested Pattern Year 2

Refer to Academic Advising Planning Guides.

# Bachelor of Arts in English

### Associate Dean

Dr. Jane MacNeil  
E-mail: inquire@rdc.ab.ca  
Local calls: 403.342.3400  
Toll Free: 1.888.732.4630  
See page 27 for general information.

## Two-Year University Transfer Program

Red Deer College offers the first two years of the Bachelor of Arts program.

## 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 28. RDC offers courses that range from Shakespeare to Indigenous literature, expository to creative writing, national literatures to popular genres, allowing you to learn practical skills while acquiring cultural knowledge.

## Admission Requirements

See page 29 for admission requirements.

## Transfer Features

See page 28 for transfer features.

## University of Alberta

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.

### Suggested Pattern Year 1

ENGL 219 & ENGL 220 (6 credits)  
Language Other Than English (6 credits)  
Open Options (15 credits)  
Science Option (3 credits)

### Suggested Pattern Year 2

Refer to Academic Advising Planning Guides.

## University of Calgary

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

ENGL 219 & ENGL 220 (6 credits)  
Open Options (21 credits)  
Science Option (3 credits)

### Suggested Pattern Year 2

Refer to Academic Advising Planning Guides.

## University of Lethbridge

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.

### Suggested Pattern Year 1

ENGL 219 & ENGL 220 (6 credits)  
Language Other Than English (6 credits)  
Open Options (15 credits)  
Science Option (3 credits)

### Suggested Pattern Year 2

Refer to Academic Advising Planning Guides.

# Bachelor of Arts in History

## Associate Dean

Dr. Jane MacNeil

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Local calls: 403.342.3400

Toll Free: 1.888.732.4630

See page 27 for general information.

## Two-Year University Transfer Program

Red Deer College offers the first two years of the Bachelor of Arts program.

## 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 28. History is the analysis of the human past. Courses are offered in three main areas: Canadian, European 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 29 for admission requirements.

## Transfer Features

See page 28 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

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.

### 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

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

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

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.

### 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

## Associate Dean

Dr. Jane MacNeil

E-mail: [inquire@rdc.ab.ca](mailto:inquire@rdc.ab.ca)

Local calls: 403.342.3400

Toll Free: 1.888.732.4630

See page 27 for general information.

## Two-Year University Transfer Program

Red Deer College offers the first two years of the Bachelor of Arts program.

## 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 28.

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 29 for admission requirements.

## Transfer Features

See page 28 for transfer features.

## University of Alberta

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.

### 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

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

ENGL 219/ENGL 220 (6 credits)

PHIL 201/ PHIL 202 (6 credits)

Science requirement (3 credits)

Open Options (15 credits)

### Suggested Pattern Year 2

Sr PHIL (18 credits)

Open Option (12 credits)

## University of Lethbridge

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.

### Suggested Pattern Year 1

PHIL 201/PHIL 202 (6 credits)

PHIL 221 (3 credits)

ENGL 219/ENGL 220 (6 credits)

General Liberal Education Requirements (15 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

## Associate Dean

Dr. Jane MacNeil

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Local calls: 403.342.3400

Toll Free: 1.888.732.4630

See page 27 for general information.

## Two-Year University Transfer Program

Red Deer College offers the first two years of the Bachelor of Arts program.

## 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 28.

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 29 for admission requirements.

## Transfer Features

See page 28 for transfer features.

## University of Alberta

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.

### Suggested Pattern Year 1

ENGL 219/ENGL 220 (6 credits)

POLI 201/POLI 283 and/or POLI 223 (6-9 credits)

Basic Requirement (15 - 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

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

ENGL 219/ENGL 220 (6 credits)

POLI 201/POLI 283 and/or POLI 223 (6-9 credits)

Open Option (15 - 18 credits)

### Suggested Pattern Year 2

POLI 308/POLI 309 (6 credits)

POLI 320 (6 credits)

Open Option (18 credits)

## University of Lethbridge

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.

### 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

**Associate Dean**

Dr. Jane MacNeil  
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 Toll Free: 1.888.732.4630  
 See page 27 for general information.

**Two-Year University Transfer Program**

Red Deer College offers the first two years of the Bachelor of Arts program.

**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](http://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 28. 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 29 for admission requirements.

**Transfer Features**

See page 28 for transfer features.

**University of Alberta**

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.

**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)  
 PSYC 358 / PSYC 375 (6 credits)  
 Choose 2 of: PSYC 353, PSYC 389 (6 credits)  
 Basic Requirement (6 credits)  
 Open Option (6 credits)

**University of Calgary**

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**

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)  
 (See Planning Guide for courses / information.)  
 PSYC 312 (6 credits)  
 Open Option (12 credits)

## University of Lethbridge

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.

### 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)

PSYC 353/ Sr PSYC option (6 credits)

Open Options (12 credits)

# Bachelor of Arts in Recreation, Sport & Tourism

## Associate Dean

Sharon Hamilton

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Local calls: 403.342.3400

Toll Free: 1.888.732.4630

See page 27 for general information.

One Year University Transfer Program

RDC offers one year of transfer to the University of Alberta's Bachelor of Arts in Recreation, Sport, and Tourism.

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, see the Planning Guides in Academic Advising.

## The Program

From sport tourism to mountain history, from fitness and active living programs to arts, culture and heritage - recreation, sport, and tourism studies is a broad field of study to help people enjoy recreation and leisure.

## 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:

See Alberta Grade 12 Course Groups, page 8.

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, B
  - d. Subject from Group C (Biology 30 recommended)
  - e. Subject from Group A, C, or Physical Education 30 (5 credit)

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

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. Refer to the Admission section of the Academic Calendar for further information.

## Program Content

### University of Alberta

ENGL 219/220 Essay Composition and 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  
 KNSS 270 Leadership & Instruction in Physical Activity  
 2 Art Options - Liberal Arts Foundation Courses

### Program Readmission

See page 11.

### Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

### 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 Arts in Sociology

#### Associate Dean

Dr. Jane MacNeil  
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 Local calls: 403.342.3400  
 Toll Free: 1.888.732.4630  
 See page 27 for general information.

### Two-Year University Transfer Program

Red Deer College offers the first two years of the Bachelor of Arts program.

### 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](http://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 28. 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 29 for admission requirements.

### Transfer Features

See page 28 for transfer features.

### University of Alberta

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.

#### 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 310 (3 credits)  
 SOCI 312 (3 credits)  
 SOCI 365 (3 credits)  
 SR. SOCI Courses (9 credits)  
 Basic Requirements/Open Options (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

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

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

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.

### 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

Trevor Thomas  
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 Local calls: 403.342.3400  
 Toll Free: 1.888.732.4630  
 See page 27 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 undergraduate business degree programs offered at Mount Royal University, the University of Alberta, the University of Lethbridge, Athabasca University or other Canadian universities. At RDC, students may complete Year 1 of the program offered at the University of Calgary.

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
- Supply Chain Management
- 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.transferralberta.ca](http://www.transferralberta.ca).

## Admission Requirements

1. **Minimum average of 60% and no mark below 50% in:**
  - a. ELA 30-1
  - b. Mathematics 30-1

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. Refer to the Admission section of the Academic Calendar for further information.

## Program Content

## Mount Royal University Collaborative Degree at Red Deer College

## Bissett School of Business, Bachelor of Business Administration (BBA)

Students who have completed a University Transfer Studies Diploma (20 University Transfer Courses), with the ten Core BBA Business Courses specified below, may apply for entry to the third year of MRU's BBA Program at RDC.

**Note:** Business Administration Diploma or Financial Services Diploma holders may also be eligible for entry into the third year of MRU's BBA program at RDC. See the BUSINESS ADMINISTRATION, BACHELOR - MOUNT ROYAL UNIVERSITY section of this calendar for further information.

### Year 1 - Suggested Pattern of Courses

BUS 306/BUS 307 (6 credits)

ECON 201/ECON 202 (6 credits)

ENGL 219/ENGL 220 (6 credits)

Four Management or General Education Courses (12 credits) \*

### Year 2 - Suggested Pattern of Courses

BADM 132 Introduction to Marketing (3 credits)

ACCT 202 Introduction to Financial Accounting (3 credits)

ACCT 204 Managerial Accounting (3 credits)

BADM 110 Introduction to Management (3 credits)

BADM 281 Human Resources (3 credits)

BUS 303 Introduction to Organizational Behavior (3 credits)

Four Management or General Education Courses (12 credits) \*

\* Students may select from a variety of business or non-business courses at RDC that are considered to be university level, and are transferable to Mount Royal University. **Individual advisement is needed to provide a customized plan for students to meet all the course requirements for the degree.** See the MRU BBA Program Student Advisor at RDC for more information.

Students also need to complete COMM 250, BUS 310, and BUS 311 during their program. University Transfer Studies Diploma holders who have completed ten of the thirteen of the business and economics courses specified above may be considered for admission to the MRU BBA, but may have to complete those courses in addition to the 20 remaining BBA courses after they have entered the BBA.

Note: MGMT 410, 420, 430, and 490 are Core BBA Business Courses which must be taken in Year 3 or Year 4 of the BBA program and cannot be taken as part of the University Studies Transfer Diploma.

General Education Courses (12) – to be completed by the end of the MRU-RDC Bachelor of Business

Administration degree

- 4 Foundation courses, one from each cluster
- 4 Tier 2 courses, one from each cluster
- 4 Tier 3 courses, from at least two clusters

**Note:** on Mount Royal University General Education Requirement  
Students who wish to graduate with the MRU BBA 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 four thematic clusters which constitute groups of streams of courses:

1. Numeracy and Scientific Literacy
2. Values, Beliefs and Identity
3. Community and Society
4. Communication

Additional information on MRU's General Education Clusters is provided in the BUSINESS ADMINISTRATION, BACHELOR - MOUNT ROYAL UNIVERSITY section of this calendar.

Students are reminded to seek advising from the MRU BBA Program Student Advisor at RDC for program direction and course selection. Failure to follow the individual student program outlined will result in failure to meet the degree graduation requirements. Information on the 3rd and 4th year of the BBA program is provided in the BUSINESS ADMINISTRATION, BACHELOR - MOUNT ROYAL UNIVERSITY section of this calendar.

## 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 306/BUS 307 (6 credits)

ECON 201/ECON 202 (6 credits)

ENGL 219/ENGL 220 (6 credits)

MATH 202 or MATH 203 (3 credits)

Three Non-Business Options (9 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 6 half-year courses (18 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 U of C for admission requirements must be completed by the end of winter term of the year of application.

## 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.athabasca.ca](http://www.business.athabasca.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

## Burman University (Bachelor of Business Administration)

Burman University 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 Burman University.

### Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

### 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

### Associate Dean

Julia Rheume  
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 Toll Free: 1.888.732.4630  
 See page 27 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](http://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 The University of 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 (60 credits) of transferable coursework 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

RDC offers up to two years of coursework in Bachelor of Education programs transferable to University of Alberta and The University of Lethbridge. Some routes and majors in University of Alberta and University of Lethbridge programs may require transfer after one year if RDC does not offer all needed courses. Before planning your program and registering in courses, decide on which university you wish to attend, the grade level you want to teach, and the subject area in which you will specialize. (See details under University Transfer Programs.) Detailed information regarding course selection and transfer admission requirements for University of Alberta and University of Lethbridge are provided by the RDC School of Education before you register.

University of Calgary offers three routes to a Bachelor of Education:

1. 5-Year Concurrent (Direct-Entry) Program in Elementary or Secondary Education – up to one year (30 credits) of coursework may be available at RDC
2. 4-Year Community-Based Pathway – up to two years (60 credits) of coursework may be available at RDC; preference for admission to this program at University of Calgary is given to students who meet the Werkland School of Education's definition of "rural"; contact the Werkland School of Education at University of Calgary for information.
3. 2-Year (After-Degree) Consecutive Education Program in Elementary or Secondary Education – a degree in a specific teachable subject is required for admission

Contact the RDC School of Education advising and recruiting specialist for further information.

Universities accept a limited number of students to the Bachelor of Education program. Successful transfer admission is based on proper course selection, credit hours completed, grade point average (GPA), and other requirements. The 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 to gain admission. If you plan to transfer to a university other than University of Alberta or The University of Lethbridge you are advised to contact your destination university for program planning and transfer admission information. The School of Education Advising and Recruiting Specialist can assist you with this process.

## Admission Requirements

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

- a. ELA 30-1
- b. Subject from Group A, B, or C

**Note:** Students must meet high school course prerequisites for all required coursework.

- Students entering Elementary Education transferable to University of Alberta are strongly advised to possess Math 30-1 or Math 30-2 to meet the prerequisite for the required Mathematics courses in the Degree.
- If you do not meet a high school prerequisite for required coursework you will need to take upgrading coursework in order to meet the prerequisite and complete the courses required for your degree.

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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.

**Note:** Students with Study Permits that are admitted to a program that has a practicum or clinical placement in childcare, primary/secondary school teaching or health service field occupations must complete their Medical Authorization as required by Citizenship and Immigration Canada one month prior to the start of classes.

### 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:

- \* Transfer after one year recommended.
- \*\* 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 Diploma, Theatre Performance and Creation Diploma, Theatre and Entertainment Diploma, or Visual Arts Diploma may apply to the Post-diploma BMus/BEd or BFA/BEd programs and complete this Combined Degree Program with an additional 35 courses.

Please see the School of Education Advising and Recruiting Specialist if you have questions about the Post-diploma Combined Degree programs in Music or Fine Arts.

## University of Alberta

### Elementary (Kindergarten to Grade 8)

Students may apply to University of Alberta to complete B.Ed. Elementary on the University campus or apply to University of Alberta to complete B.Ed. Middle Years on the RDC campus.

### Secondary (Grades 7-12)

Majors include:

- Art \* \*\*
- Biological Sciences
- Career & Technology Studies \* \*\*
- Chemistry
- English Language Arts
- General Sciences
- Kinesiology
- Mathematics \*
- Music - Wind Band \*
- Physical Sciences
- Physics \*
- Second Languages (French) \*
- Second Languages (Spanish) \*
- Social Studies

Minors include:

All major subjects above plus

- Drama
- Health Education

## University of Lethbridge

Students completing a combined degree through The University of Lethbridge may choose from the following combinations at RDC:

### Degree BA/BEd

Anthropology	Social Studies Education
Art	Art Education *
Canadian Studies	Social Studies Education
Dramatic Arts	Drama Education *
Economics	Social Studies Education
English	English Language Arts Ed.
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***
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### Degree BFA/BEd

Dramatic Arts	Drama Education***
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### Degree BMgmt/BEd

Gen Mgmt	Career & Tech Studies: Business Focus
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### Degree BMus/BEd

Music	Music Education***
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### 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 (60 credits)

- EDUC 250 (3 credits)
- EDPY 305 (3 credits)
- EDIT 302 (3 credits)
- Junior English (6 credits)
- Senior English (3 credits)
- Fine Arts (6 credits)
- Mathematics (6 credits)
- Natural Science (6 credits)
- Physical Education (6 credits)
- Social Science (3 credits)
- Canadian History (3 credits)
- Aboriginal & Indigenous Histories and Culture (3 credits)
- Non Education and/or Open Options (9 credits)

**University of Alberta - Middle Years Route**

Students in B.Ed. Elementary who will apply to year three of B.Ed. Collaborative Middle Years Route will take this coursework (60 credits)

- EDUC 250
- EDPY course (3 credits)
- EDIT 302 (3 credits)
- Junior English (6 credits)
- Senior English (3 credits)
- Fine Arts (6 credits)
- Mathematics (6 credits)
- Natural Science (6 credits)
- Physical Education (3 credits)
- Health Education (3 credits)
- Social Science (3 credits)
- Canadian History (3 credits)
- Aboriginal & Indigenous Histories and Culture (3 credits)
- Non-Education Options (9 credits)

**University of Alberta - Secondary Route (up to 60 credits)**

- EDIT 302 (3 credits)
- EDUC 250 (3 credits)
- EDPY course (3 credits)
- English (6 credits)
- Major/Minor Options (39 credits)
- Open Options (6 credits)

**University of Calgary**

Please consult with the RDC School of Education Advising and Recruiting Specialist

**University of Lethbridge**

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

**Burman University**

Burman University provides RDC 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 the School of Education at Burman University.

**Program Cost Estimates**

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

**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

**Associate Dean**

Julia Rheaume

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Local calls: 403.342.3400

Toll Free: 1.888.732.4630

See page 27 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:

- Biology 30
- ELA 30-1
- Mathematics 30-1
- Chemistry 30
- Subject from Group A, B or C (Physics 30 recommended)

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:

- ELA 30-1
- Mathematics 30-1
- Biology 30
- Chemistry 30

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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:

- Biological Sciences includes Biology, Botany, Entomology, Genetics, Immunology and Infection, Marine Science, Microbiology, Neuroscience, Pharmacology, Physiology, Zoology.
- Mathematical Sciences includes Applied Probability, Computing Science, Mathematics, Statistics.
- 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 45).

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

## 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

### Associate Dean

Dr. Peter Fielding

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See page 27 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. Employment in specialized art field can be very competitive 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, 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

All of our visual art instructors are professional practising artists. We offer state-of-the-art studio spaces fully equipped for ceramics, sculpture, painting, drawing, 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, visual maturity in studio work as well as allowing you to experience open options to broaden your education.

### 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.

Transfer requirements vary from one university to another. See the Alberta Transfer Guide for detailed transfer policies.

### Admission Requirements

1. **Minimum average of 60% and 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)

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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 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

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

### 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 & Sport Studies

### Associate Dean

Sharon Hamilton

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See page 27 for general information.

### The Program

Kinesiology is the study of the science of movement. The program is designed so that students can complete a 2-year diploma, 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 and the University of Calgary. 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

### Two Year University Transfer Program

The RDC Kinesiology and Sport Studies program offers the first 2 years of a variety of Bachelor Degree programs.

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 or Fitness & Health Promotion Diploma, and transfer to university, need to select the appropriate options and physical activity courses. (See an Academic Advisor.)

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

The program offers university transfer to the following programs:

### The University of Alberta:

- Bachelor of Kinesiology
- Bachelor of Kinesiology/Bachelor of Education (5 year combined program)
- Bachelor of Science Kinesiology

### The University of Calgary:

- Bachelor of Kinesiology - BKin

Transfer to other programs and other universities is possible. See an Academic Advisor.

### 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% and 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.

**Note:** Students with Study Permits that are admitted to a program that has a practicum or clinical placement in childcare, primary/secondary school teaching or health service field occupations must complete their Medical Authorization as required by Citizenship and Immigration Canada one month prior to the start of classes.

### Program Content

Year 1 courses (all transfers):

KNSS 200 - Structural Anatomy  
 KNSS 201 - Biomechanics  
 KNSS 204 - Intro to Sociocultural Foundations  
 KNSS 240 - Adapted Physical Education  
 KNSS 270 - Leadership and Instruction in PE  
 KDNC 200 - Spectrum of Dance in Society  
 KPAC- Physical Activity course  
 ENGL 219 - Essay Composition and Critical Reading  
 ENGL 220 - Literary Analysis

One of:

KNSS 214 - Intro to Personal Physical Fitness or  
 KNSS 210 - Personal Fitness and Wellness

Year 2 courses are dependent on specific University transfers.

For the most current university program and transfer information, see the Planning Guides in Academic Advising. Or connect with an Academic Advisor.

### Program Readmission

See page 11.

### Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

### 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 27 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 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:

<u>Arts Option</u>	<u>Science Option</u>
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 11.

## 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

## Associate Dean

Dr. Nancy Brown

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See page 27 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:

- ELA 30-1
- Mathematics 30-1
- Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30
- 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:

- ELA 30-1
- Mathematics 30-1
- Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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, 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.

**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**

See BSc Environmental Sciences or BSc Environmental Management.

**Program Cost Estimates**

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Bachelor of Science in Agriculture

**Associate Dean**

Dr. Nancy Brown  
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 See page 27 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, or Sustainable Agricultural Systems.

**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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. Refer to the Admission section of the Academic Calendar for further information.

## Program Content

## University of Alberta

### Suggested Pattern Year 1

Student schedules vary depending on what major they choose within this degree; for more information, please contact the Advisors in the School of Arts and Sciences

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Bachelor of Science in Agricultural Food Business Management

## Associate Dean

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See page 27 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:

- Biology 30
- Chemistry 30
- ELA 30-1
- Mathematics 30-1

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. Refer to the Admission section of the Academic Calendar for further information.

**Program Content****University of Alberta****Suggested Pattern Year 1**

Student schedules vary depending on what major they choose within this degree; for more information, please contact the Advisors in the School of Arts and Sciences

**Program Cost Estimates**

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Bachelor of Science in Atmospheric Sciences

**Associate Dean**

Dr. Nancy Brown

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See page 27 for general information.

**One-Year University Transfer Program**

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 1st year of university study toward BSc Atmospheric Sciences.

**Transfer Features**

The courses offered in this program are aligned with the University of Alberta.

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

- ELA 30-1
- Mathematics 30-1
- Chemistry 30
- Physics 30
- Biology 30 \* OR
- 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:

- ELA 30-1
- Mathematics 30-1
- Chemistry 30
- Physics 30
- Biology 30 \*

\* For the Environmental Earth Sciences program only.

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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****Atmospheric Sciences**

MATH 202/203, MATH 204 & MATH 221 (9 credits)

PHYS 241 & PHYS 247 (6 credits)

ENGL 219 & ENGL 220 (6 credits)

STAT 251 (3 credits)

Science or Arts Options (6 credits)

**Program Cost Estimates**

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Bachelor of Science in Biochemistry

## Associate Dean

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## 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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. Refer to the Admission section of the Academic Calendar for further information.

## Program Content

### University of Alberta

#### Suggested Pattern Year 1

Student schedules vary depending on whether they pursue Honours or Specialization paths for this degree; for more information, please contact the Advisors in the School of Arts and Sciences.

#### Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Bachelor of Science in Biological Sciences

## Associate Dean

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See page 27 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](http://www.transferalberta.ca)).

## Admission Requirements

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

- Biology 30
- Chemistry 30
- ELA 30-1
- Mathematics 30-1
- 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:

- Biology 30
- Chemistry 30
- ELA 30-1
- Mathematics 30-1

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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 and either CHEM 212 or CHEM 351 (6 credits)  
Arts or Science Option (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 Molecular 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)  
Two Non-Science Options (6 credits)  
MATH 202 (or MATH 203)/MATH 221 (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.

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Bachelor of Science in Chemistry

### Associate Dean

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See page 27 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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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 or PHYS 205/PHYS 226 (6 credits)

Arts or Science Option (3 credits)

### University of Calgary

#### Suggested Pattern Year 1

CHEM 211 & CHEM 212 (6 credits)

PHYS 205 & PHYS 226 (6 credits)

MATH 202 or MATH 203 (3 credits)

Five Options (15 credits)

### University of Lethbridge

#### Suggested Pattern Year 1

CHEM 211/CHEM 212 (6 credits)

PHYS 241 or PHYS 205 (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

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Bachelor of Science in Engineering

### Associate Dean

Dr. Nancy Brown

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See page 27 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:

- Chemistry 30
- ELA 30-1
- Mathematics 30-1
- Mathematics 31
- Physics 30

**Note:** Bachelor of Science Engineering applicants will be offered admission on a competitive basis based on GPA ranking.

The Grade Point Average (GPA) calculation for Conditional Admission will be calculated according to one of the following:

- 25 high school credits from the following subjects: Chemistry 30, ELA 30-1, Mathematics 30-1, Mathematics 31 and Physics 30. If any of these courses are in progress at the transcript submission deadline, the 20-level in the subject will be used.
- 18 post-secondary credits including all credits from the most-recently completed term plus the best grades from the next most recent term.
- 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: Chemistry 30, ELA 30-1, Mathematics 30-1, Mathematics 31 and Physics 30 to reach 18 credits.

**Note:** Post-secondary credits will be used in the Conditional Admission GPA calculation before High School credits, regardless of when the post-secondary credits were taken. Post-secondary credits do NOT include any High School equivalents completed at a post-secondary institution (i.e. High School equivalents completed at RDC).

**Note:** Transcript deadline for the initial GPA calculation is March 1.

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. Refer to the Admission section of the Academic Calendar for further information.

## 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

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Bachelor of Science in Environmental & Conservation Sciences

## Associate Dean

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See page 27 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, Northern Systems 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:

- Biology 30
- Chemistry 30
- ELA 30-1
- Mathematics 30-1
- 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:

- Biology 30
- Chemistry 30
- ELA 30-1
- Mathematics 30-1

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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 (3 credits)

STAT 251 (3 credits)

MATH 202 or 203 (3 credits)

ENGL 219/one of ENGL 220, COMM 271 (6 credits)

ECON 201 (3 credits)

Free Elective (9 credits)

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).



# Bachelor of Science Environmental Science or Bachelor of Science Environmental Management

## Associate Dean

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See page 27 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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. Refer to the Admission section of the Academic Calendar for further information.

## Program Content

### Royal Roads University

#### Suggested Pattern Year 1

ENGL 219/one of ENGL 220, COMM 271 (6 credits)

BIOL 217/BIOL 218 (6 credits)

CHEM 211/one of CHEM 212/CHEM 351 (6 credits)

MATH 202 or 203/one additional MATH/PHYS course (6 credits)

Two Open Options (6 credits)

#### Year 2

See an Academic Advisor

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Bachelor of Science in Forestry

## Associate Dean

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See page 27 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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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 Pattern Year 1

BIOL 218/BIOL 318 (6 credits)  
 ENGL 219/One of ENGL 220 or COMM 271 (6 credits)  
 CHEM 211 (3 credits)  
 ECON 201 (3 credits)  
 MATH 202 or 203 (6 credits)  
 2 Free Electives (6 credits)

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Bachelor of Science in Human Ecology

## Associate Dean

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See page 27 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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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

#### Suggested Pattern Year 1

Student schedules vary depending on the major they choose for this degree; for more information, please contact the Advisors in the School of Arts and Sciences.

### Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Bachelor of Science in Mathematics or Statistics or Math and Economics

### Associate Dean

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See page 27 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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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)

5 Options (15 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)

2 Options (6 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)

2 Science Options (6 credits)

**Program Cost Estimates**

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Bachelor of Science in Nutrition and Food Science

**Associate Dean**

Dr. Nancy Brown

E-mail: [inquire@rdc.ab.ca](mailto:inquire@rdc.ab.ca)

Local calls: 403.342.3400

Toll Free: 1.888.732.4630

See page 27 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
- 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 RDC is one year of study toward Bachelor of Science Nutrition and Food Sciences.

Students studying Nutrition and Food Science at the University of Alberta can pursue 5 different majors upon transfer. Students starting at RDC will be best set up to transition into the Nutrition and Food Science General program. The recommended courses at RDC are reflective of this program. If you are pursuing another major in Nutrition, you may experience some added time to finish your degree from the University of Alberta when you transfer. See the Bachelor of Science – Nutrition and Food Science Academic Planning Guide for more information

## 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:

- Biology 30
- Chemistry 30
- ELA 30-1
- Mathematics 30-1
- Subject from Group A, B, C, or Macroeconomics 30 and Microeconomics 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:

- Biology 30
- Chemistry 30
- ELA 30-1
- Mathematics 30-1

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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

#### Nutrition and Food Science General Major

BIOL 217 (3 credits)  
 KNSS 244 (3 credits)  
 ENGL 219/ENGL 220 (6 credits)  
 CHEM 211/CHEM 212 (6 credits)  
 STAT 251 (3 credits)  
 COMM 271 (3 credits)  
 Free Elective (6 credits)

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Bachelor of Science in Physics or Geophysics

## Associate Dean

Dr. Nancy Brown

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Local calls: 403.342.3400

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See page 27 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:

- Chemistry 30
- ELA 30-1
- Mathematics 30-1
- Physics 30
- 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:

- Chemistry 30
- ELA 30-1
- Mathematics 30-1
- Physics 30

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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**

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Bachelor of Science in Physiology

**Associate Dean**

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See page 27 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:**

- Biology 30
- Chemistry 30
- ELA 30-1
- Mathematics 30-1
- Physics 30

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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 (6 credits)

STAT 251 (3 credits)

CHEM 351 (3 credits)

ENGL 219/ENGL 220 (6 credits)

3 Arts or Science Options (9 credits)

**Program Cost Estimates**

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Bachelor of Science in Psychology

## Associate Dean

Dr. Nancy Brown

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See page 27 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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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 (Honours)

PSYC 260/261 (6 credits)

BIOL 217/BIOL 218 (6 credits)

ENGL 219/ENGL 220 (6 credits)

One of: MATH 202, 203, or 221 (3 credits)

One ANTH, ECON, POLI, SOCI option (3 credits)

2 options (6 credits)

### Suggested Pattern Year 2 (Specialization)

PSYC 260/261 (6 credits)

BIOL 217/BIOL 218 (6 credits)

ENGL 219/ENGL 220 (6 credits)

Junior Math or Computing Science Requirement (6 credits)

Junior Chemistry or Physics Requirement (6 credits)

### Suggested Pattern Year 2 (Honours or Specialization)

Please refer to the Academic Planning Guides, or, speak with the Arts & Sciences Advising & Recruiting team at [artscienceinfo@rdc.ab.ca](mailto:artscienceinfo@rdc.ab.ca) for more information.

Please note these credits are U of C credits.

## University of Calgary

### Suggested Pattern Year 1

PSYC 260/PSYC 261 (6 credits)  
 BIOL 217/BIOL 218 (6 credits)  
 CHEM 211/CHEM 212 (6 credits)  
 MATH 202 (or 203) and MATH 221 (6 credits)  
 2 Arts Options (6 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 Electives (12 credits)  
 2 Fine Arts or Humanities Requirements (6 credits)  
 2 Electives (6 credits)

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

## Bachelor of Science

# Pre-Professional Programs

### Associate Dean

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 See page 27 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 Université du Québec 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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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)  
 KNSS 200 (3 credits)  
 PSYC 260 (3 credits)  
 PSIO 258 or Social Sciences or Humanities Option (3 credits)  
 Social Sciences or Humanities (3 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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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)  
 PHYS 205/PHYS 226 (6 credits)  
 2 Arts or Science options (6 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 with some institutions requiring students to complete an undergraduate degree prior to applying. Most students will complete a 4 year Bachelor's degree before gaining admission. 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:

- Biology 30
- Chemistry 30
- English 30 or ELA 30-1
- Mathematics 30 or Mathematics 30-1
- Physics 30

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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 (6 credits)  
 ENGL 219/ENGL 220 (6 credits)  
 STAT 251 (3 credits)  
 or MATH 201/203  
 Three Arts or Science options (9 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)  
 PSYC 260 (3 credits)  
 MATH 202 (or MATH 203) (3 credits)  
 STAT 251 (3 credits)  
 Free Electives (6 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 the BSc Pharmacy program requires completion of a minimum of two full years 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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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)  
 ENGL 219/ENGL 220 (6 credits)  
 MATH 202 (or MATH 203)/STAT 251 (6 credits)  
 Three Arts or Science options (9 credits)

### Suggested Pattern Year 2

BIOC 393 or BIOC 301 (3 credits)  
 CHEM 351/352 (6 credits)  
 8 Options (24 credits)

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

**Note:** The University of Alberta is proposing changes to entrance requirements for the Doctor of Pharmacy Program for Fall 2018. If any program changes are approved, we will update our information accordingly on our website.

## 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 (WCVN) 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 WCVN 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.

**Note:** Please note that Alberta students will be unable to apply to the Western College of Veterinary Medicine (WCVN) after the 2019-2020 year. The Province of Alberta no longer funds these seats at WCVN, instead providing funding for Albertan veterinary students at the University of Calgary's Faculty of Veterinary Medicine.

Alberta students will need to apply to the University of Calgary Veterinary Medicine program. This means Alberta students starting their pre-veterinary study in Fall 2018 will not be able to meet the prerequisites to be able to apply to the WCVN program, and will be applying to the University of Calgary.

Students from Alberta who started their studies prior to Fall 2018 can still apply if they are able to complete the requirements before the final group of Alberta students are accepted to the WCVN in 2019-20 (application deadline of Dec. 1, 2018).

## 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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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 (6 credits)  
 ENGL 219/ENGL 220 (6 credits)  
 Two of Mathematics/Statistics courses (6 credits)  
 Two Arts or Science options (6 credits)

### Suggested Pattern Year 2

Refer to Academic Planning Guides

## 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 apply. 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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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)

STAT 251 (3 credits)

ENGL 219 (3 credits)

Four Arts or Science options (12 credits)

### Year 2

Please see an Academic Advisor

# APPRENTICESHIP & TRADES

## Trades & Industry Training

### Pre-Employment

Pre-Employment programs are offered on an open enrollment basis in different trades areas including:

- Electrical
- Welding

These programs vary in length and will be offered at varying times. They will provide first 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:

- Power Engineering
- Master Electrician
- Occupational Health and Safety
- Enform Safety Training
- Basic Welding - Level 1
- CWB Testing
- "B" Pressure for Journeyman Welders

For more information call 403.356.4900 or visit [www.rdc.ab.ca/continuing-education](http://www.rdc.ab.ca/continuing-education)

## Apprenticeship Training

### Associate Deans

Dale Gust, Martin Jones, and David Pye

Local calls: 403.342.3100

Toll Free: 1.888.475.1101 OR

### Alberta Advanced Education & Technology Apprentice and Industry Training

Local regional office: 1.800.248.4823

Website: [www.tradesecrets.alberta.ca](http://www.tradesecrets.alberta.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.

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.

**Instrumentation and Control Technician** - 4 years including two 8-weeks in the 1st and 2nd year and two 10-weeks in the 3rd and 4th years. Instrumentation and Control Technicians install, maintain and repair the measuring and control instruments used in industrial and commercial processing.

**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.

**Industrial Mechanic (Millwright)** - 4 years, including four 8 week in-class sessions. Industrial Mechanics install, maintain, repair and troubleshoot stationary industrial machinery and mechanical equipment in factories, production plants and recreational facilities.

**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 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, heavy 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.

**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** - 4 years, including four 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.alberta.ca](http://www.tradesecrets.alberta.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.
- Some 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.
- 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 a percentage 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 approximately 50 apprenticeship trades in Alberta (See Trades & Occupations)

### Who can enter an apprenticeship program?

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 recognition 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.

Indigenous people interested in becoming an apprentice to learn a trade may find useful information on the Tradesecrets website above.

### 'OK, I'm interested. What's next?'

#### Step One: Choose a trade

Check the list of apprenticeship 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 and/or the School of Trades and Technologies at RDC.

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 can be the hardest part of the process. You must be employed to be an apprentice.

#### Step Three: Apply

Once you have an employer, you and your employer complete the online application/ contract, on the Tradesecrets website above.

#### 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 training you on the job, and for allowing you to attend technical training, paying you a certain percentage of the journeyman wage rate and increasing your pay as you progress through 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 upon registration.

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	\$392.00	\$67.00	\$22.00	\$24.00	\$40.00	\$545.00
6 weeks	\$588.00	\$67.00	\$22.00	\$36.00	\$60.00	\$773.00
7 weeks	\$686.00	\$67.00	\$22.00	\$42.00	\$70.00	\$887.00
8 weeks	\$784.00	\$67.00	\$22.00	\$48.00	\$80.00	\$1001.00
10 weeks	\$980.00	\$67.00	\$22.00	\$60.00	\$100.00	\$1,228.00
12 weeks	\$1,176.00	\$67.00	\$22.00	\$72.00	\$120.00	\$1,457.00

The above fees do not include textbooks or modules.

Additional costs include 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.
- Many 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](mailto:financialaid@rdc.ab.ca).

**How do apprentices register for technical training?**

In Spring of each year, employers and apprentices receive from Apprenticeship and Industry Training 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, registers for technical training online on My Tradesecrets.

- 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.

**For more information about Alberta's Apprenticeship Program**

[www.tradesecrets.alberta.ca](http://www.tradesecrets.alberta.ca)

# CERTIFICATE & DIPLOMA PROGRAMS

Red Deer College offers diplomas and/or certificates, or both, in many different career areas:

## Certificates

- Academic Upgrading
- Administrative Professional
- Early Learning & Child Care
- Educational Assistant
- Health Care Aide
- Human Resources Management
- Medical Laboratory Assistant
- Open Studies
- Pharmacy Technician
- Pre-Health Sciences
- Transitional/Vocational Program
- Unit Clerk Program

## Diplomas

- Business Administration
- Early Learning & Child Care
- Electrical Engineering Technology
- Justice Studies
- Kinesiology & Sport Studies
- Legal Assistant Diploma
- Mechanical Engineering Technology
- Motion Picture Arts
- Music
- Occupational and Physical Therapist Assistant
- Practical Nurse
- Social Work
- Theatre & Entertainment Production
- Theatre Performance & Creation
- Visual Art

## Alternate Delivery

- Administrative Professional
- Business Administration
- Early Learning & Childcare
- Educational Assistant
- Locksmith Apprenticeship
- Management Certificate
- Parts Technician Apprenticeship (Year 2)

## Career Development Certificate Programs

- Alberta Senior Communities and Housing Association Certificate
  - Site Managers
  - Activity Coordinators
- Digital Photography Certificate
- Human Resource Management Certificate
- Leadership Development Certificate
- Management Skills for Supervisors Certificate
- Non-Profit Management Certificate
- Pre-Employment Trades
- Professional Bookkeeping
- Transportation Safety Director

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:

- Academic Upgrading
- Open Studies

Employment readiness and job skills training are available:

- 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.

# Academic Upgrading

## Associate Dean

Julia Rheume

E-mail: [inquire@rdc.ab.ca](mailto:inquire@rdc.ab.ca)

Local calls: 403.342.3400

Toll Free: 1.888.732.4630

The Academic Upgrading 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.** Upon applying to the Academic Upgrading program, you are required to write a brief assessment in English and Math. These assessments help to place you in the appropriate level of upgrading courses.
- 2. Assessment Completion Form.** After completing the assessment, you are then required to submit the Academic Upgrading Assessment Completion form. This form notifies the Academic Advisors that you have completed the assessments. Once this form is received, they will email you a sample schedule as well as registration instructions and funding information.

**Note:** Transcripts will be required if you have attended high school or another post-secondary institution.

## Program Content

The Academic Upgrading 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 Academic Upgrading 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).

**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

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Administrative Professional

## Donald School of Business - Downtown

### Associate Dean

Trevor Thomas

E-mail: [inquire@rdc.ab.ca](mailto: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 business procedures and standards.
3. Integrate computer, computation, and communication skills to accomplish office tasks.
4. Demonstrate professional interpersonal skills, human relations skills.
5. Demonstrate critical thinking in making decisions and completing tasks and projects.

## Delivery options

This program is available on-campus as well as through online delivery. Distance students will require regular access to a computer with Internet service.

## Transfer Features

The Administrative Professional Certificate transfers to all Office Administration Diploma Programs in colleges in Alberta.

Completion of the Administrative Professional Certificate grants 10 credits for: a 4 credit accounting course, BADM 204: Interpersonal Skills (3 credits) and BADM 210: Business Technology 1 (3 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](http://www.cibcb.com).

## Admission Requirements

### 1. Academic Requirements

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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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.

**Recommended for Online Learners:** 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).

## 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
COMM 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
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### Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

### 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 Office of the Registrar. Students with keyboarding speed of 35 n/wm 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.

# Business Administration

### Donald School of Business - Downtown

#### Associate Dean

Trevor Thomas  
E-mail: [inquire@rdc.ab.ca](mailto: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.

Five majors are offered: Accounting, Financial Services, General Management, Human Resources, 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. The Business Administration Diploma requires the completion of 60 credits.

### Delivery Options

This program is available on-campus as well as through online delivery. Distance students will require regular access to a computer with Internet service.

### 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 Management, Human Resources 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 with a minimum of 20 courses and 60 credits.
- [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

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

ELA 30-1

Math 30-1

OR

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

ELA 30-2

Math 30-2

OR

Minimum average of 62.5% with no mark below 50% in one of the following combinations:

ELA 30-1 and Math 30-2 OR

ELA 30-2 and Math 30-1

OR

Successful completion of RDC's Management Certificate

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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 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 Corporate 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 BADM 211 as their business/open options 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 Corporate 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 Corporate 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

### General Management Diploma - Year 2

ACCT 104	Managerial Accounting
BADM 111	Introduction to Statistics
BADM 260	Introduction to Corporate 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 ***	

### Human Resources Major - Year 2

ACCT 104	Managerial Accounting
BADM 111	Introduction to Statistics
BADM 260	Introduction to Corporate Finance
BADM 270	Business Integration
BADM 281	Human Resource Management
BUS 311	Legal Foundations of the Canadian Economy
BADM 280	Labour Relations
BADM 254	Organizational Learning and Development
BADM 256	Compensation and Benefits
BADM 258	Recruitment and Selection

### 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 254	Organizational Learning and Development
BADM 256	Compensation and Benefits
BADM 258	Recruitment and Selection
BADM 261	Financial Management
BADM 262	Investments
BADM 280	Labour 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 Advisor or their Associate Dean 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

For the most current Program Cost Estimates, go to [www.rdcab.ca/program-cost-estimates](http://www.rdcab.ca/program-cost-estimates).

### Program Readmission

See page 11.

### Graduation Requirements

You must pass all courses, complete at least 60 credits and 20 courses, and achieve a minimum cumulative GPA of 2.00.

# Early Learning & Child Care

## Associate Dean

Julia Rheume

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## One-Year Certificate Two-Year Diploma

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 care programs.
- 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.

## Delivery Options

The Certificate in Early Learning and Child Care may be taken several different ways. Students may attend part-time or full-time on the RDC campus or enroll in one of our Outreach Delivery courses. This allows students to take ELCC courses while staying in their community for most or all of the experience. There are two Flexible Learning methods for the Certificate: online or through Flexible Learning. Students taking online courses complete their courses and practicums in their community. Flexible Learning courses are based in Red Deer and combine the strengths of hands-on classroom activities with computer-facilitated support. Students in Flexible Learning attend on-site classes in Red Deer two Saturdays per course. The entire cycle of ELCC Distance Certificate courses may be completed part-time over a two year period. The online Certificate can be completed in one year. This multi-delivery approach is highly effective in meeting the diverse needs of adult students. A student wanting full-time studies could enroll in on-campus, online, or a combination of delivery methods.

The Diploma in Early Learning and Child Care can be taken part-time through either online study or on-campus courses. It can also be taken full-time through on-campus study or by enrolling in a blend of on-campus and online courses. Students taking online courses complete their courses and practicums in their community. The blended online/ on campus program is offered through a combination of online independent study materials, on-site learning (RDC campus), and computer-facilitated support. The entire cycle of online ELCC Diploma courses may be completed part-time over a two-year period or less through online, distance, or blended distance delivery. This multi-delivery approach is highly effective in meeting the diverse needs of adult students. Those wishing to complete the Diploma in one year (three consecutive terms) should enroll in the full-time on-campus or blended coursework program.

ELCC Diploma graduates 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

### Certificate Program

1. A minimum of 50% in ELA 30-1 or 65% in ELA 30-2, or equivalent

OR

2. A minimum score of 80 on the reading component, 86 on the sentence component, and 5 on the written essay of the College Board Placement test.

OR

3. Previous completion of three College-level courses with a minimum GPA of 2.0.

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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.

**Note:** Students with Study Permits that are admitted to a program that has a practicum or clinical placement in childcare, primary/secondary school teaching or health service field occupations must complete their Medical Authorization as required by Citizenship and Immigration Canada one month prior to the start of classes.

### 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 Business and Workplace Writing
COMM 250	Foundations of Early Childhood Development
ELCC 201	Child Development & Exceptionalities Practicum I
ELCC 206	Child Development
ELCC 210	Program Planning I
ELCC 211	Interpersonal Relations I
ELCC 212	Program Planning II
ELCC 213	Guiding Behavior
ELCC 215	Program Planning III
ELCC 217	Practicum II
ELCC 218	
ELCC 220	

**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

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

## 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

## Associate Dean

Julia Rheume  
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## 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 and students 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:** The coursework in the Educational Assistant program is offered two ways: through classes on-campus and through on-line course. Students may complete the program entirely on-campus, entirely on-line, or through a blend of on-campus and on-line courses. The program may be completed through full-time or part-time study in either on-campus or on-line courses. To complete in one year (10 months) students must start full-time study in September (fall term). These students will be registered in a pre-set schedule of EDAS courses. Students may also start the program in January (winter term) but on a part-time basis only; frequently requiring 1.5 years to complete the Certificate. Students in on-line courses require regular access to a computer with Internet service; please contact the Distance Facilitator at 403-342-3354 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 of 80 on the reading component, 86 on the sentence component and 5 on the written essay of the College Board Placement test.  
OR

Previous completion of at least three College-level courses with a minimum G.P.A. of 2.00.

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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.

**Note:** Students with Study Permits that are admitted to a program that has a practicum or clinical placement in childcare, primary/secondary school teaching or health service field occupations must complete their Medical Authorization as required by Citizenship and Immigration Canada one month prior to the start of classes.

### Program Content

Length of program: 10 months (September to June)

COMM 150	Fundamentals of College and Workplace Writing
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	Supporting Diverse Learners
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 219. Students with 50% or greater in ELA 30-1 may take ENGL 219. Students with 60% or greater in ELA 30-1 may take COMM 250. COMM 150 does not have a prerequisite.. Students with an academic status status of academic warning or probation will not be placed in practicum EDAS 114 (Field Experience practicum or EDAS 181 (Field Practice practicum) until they have cleared this status. See the Associate Dean of the School of Education.

**Options:** Students require one of EDAS 156, EDAS 157, EDAS 158, or EDAS 159, or three of EDAS 163, EDAS 164, EDAS 165, EDAS 166, EDAS 167 and EDAS 168. Students who qualify for Advanced Placement or Transfer Credit may be able to receive credit for one Option. Additional credit may be received for course equivalencies.

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

## Special Fees and Expenses

All EDAS eCampus courses: \$30.00

## Advanced Standing and Challenge Examinations

Students with previous courses taken at accredited post-secondary institutions are advised to submit an application for Prior Learning Assessment and Recognition (PLAR) to have their transcripts assessed for possible Transfer Credit. Students who previously took RDC courses in a different program may apply for possible Advanced Placement. You are advised to submit your PLAR application as soon as possible after applying to the program. Advanced credit is not given for EDAS 181 (Field Practice) Courses not open to challenge: EDAS 181 (Field Practice).

## 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

### Associate Dean

Dale Gust

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## 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. Based on National Technology Benchmarks for Electrical Engineering Technology, this program, coupled with industry experience, will lead to the Certified Engineering Technologist (CET) and Professional Technologist (PTech) designations.

Graduates will develop knowledge and skills that enable them to:

- Employ relevant industry health and safety standards, codes, policies and procedures in accordance with current legislation, regulations and organizational policy.
- Develop designs and specifications for electrical distribution and utilization systems.
- Design, select, deploy and maintain power electronics equipment and systems.
- Analyze and solve complex technical problems by applying principles of advanced mathematics and science.
- Design, specify, deploy and maintain rotating electrical machines and transformers.
- Design, specify, test, deploy and maintain industrial data communications networks, equipment, media, and software.
- Employ computer hardware and software to create, test, evaluate, and simulate electrical and mechanical systems.
- Apply the principles and practices of project management.
- Research, analyze, prepare, author, and communicate in written, verbal, nonverbal, and presentation formats, technical documentation appropriate for a variety of audiences.
- Identify, develop, and demonstrate strategies for maintaining continuing competency and practice standards associated with global industry trends and practices.
- Design, specify, deploy and maintain industrial control and automation systems.

### 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 Journey-person Electricians or Instrumentation and Control Technicians. An EET graduate may find employment as a/an:

- Power Electrician
- Testing and Commissioning Technologist
- Instrumentation and Control Technician
- Project Manager
- Alternate energy systems designer and installer
- Technical salesperson
- Power Technology Consultant
- Quality assurance Technician
- Safety Officer
- Technical Writer

## Admission Requirements

1. 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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. Refer to the Admission section of the Academic Calendar for further information.

## Other Requirements

**Note:** Applicants are required to have a laptop computer; please check specifications with the program prior to making a purchase.

## Program Content

### Year 1

GET 101	Introduction to Instrumentation
GET 103	Technology Physics
GET 106	Engineering CAD
GET 108	Project Management
GET 111	Engineering Mathematics
GET 112	Advanced Engineering Mathematics
GET 114	Computer Programming
GET 116	Engineering Communication
EET 107	Semiconductor Electronics
EET 113	Power Electronics
EET 115	DC Machines
EET 117	Emerging Technologies
EET 123	Circuit Analysis

### Year 2

GET 202	Engineering Statistics
GET 204	Professional Practice
EET 200	AC Machines
EET 203	Control Systems
EET 205	Programmable Controllers
EET 207	Electromechanical Systems
EET 210	Power Systems
EET 214	Microcontroller Interfacing
EET 228	Electrical System Design
EET 230	SCADA and MHI
EET 233	Electrical Failure Analysis
EET 235	Industrial Networks
EET 260	Capstone Project

## Graduation Requirements

Students must pass all courses and achieve a minimum cumulative GPA of 2.00.

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Health Care Aide Program

**Note:** This 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 Office of the Registrar 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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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.

## 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 Aid/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

# Human Resource Management

## Donald School of Business - Downtown

### Associate Dean

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## Graduate Certificate

### The Program

Upon successful completion of this graduate certificate program, offered over 12.5 months, graduates will have the knowledge and practical skills to work as Human Resource professionals in a variety of Human Resource settings. This program will also prepare graduates for the Chartered Professional in Human Resources (CPHR) designation. The program has been specifically developed to align with the Human Resources Institute of Alberta accreditation framework. Graduates of an accredited program who achieve a minimum overall average of 70% (2.7 GPA) in the program may apply to the CPHR to waive the National Knowledge Exam requirements towards the CPHR designation with Chartered Professionals in Human Resources Canada (CPHR) member associations. Graduates who do not achieve a minimum overall average of 70% in the program will be better equipped to write the National Knowledge Exam in preparation to obtain the CPHR designation. The entrance requirement of an undergraduate degree in any field ensures that students in the program will receive instruction commensurate with their background.

**Note:** For complete information on eligibility for the CPHR designation, please contact the Human Resources Institute of Alberta.

**Note:** The program is currently seeking accreditation.

**Note:** CPHR Alberta will verify that you meet the requirements to waive the NKE by reviewing the transcripts you arrange to have sent from post-secondary institutions directly to the CPHR Alberta.

### Program Outcomes

- Explain and demonstrate the strategic importance of human resources practices as they relate to the organizational strategy, best practices and trends in human resources.
- Identify key elements of ethical behaviour and professional code of conduct for HR professionals; provide examples to illustrate ability to balance interests, promote organizational values, and manage risk.
- Demonstrate the value of human resources initiatives and their impact on employee engagement and organizational results;

- explain the importance of involving key stakeholders.
- Identify and explain the components of creating and executing an effective workforce plan and employee value proposition.
- Outline the steps to implement an effective performance management system.
- Identify and explain employment legislation and labour and employee relations strategies used to manage risks and create a respectful, productive and engaging work environment.
- Describe the components of a total rewards structure and outline methods to evaluate a total rewards structure.
- Illustrate the steps involved in job evaluation and market comparison.
- Identify learning priorities and adult learning principles, as well as methods for measuring learning initiatives that support a learning environment, align with business strategy, and provide a return on investment.
- Develop health, wellness and safety policies and procedures in accordance with relevant legislation, regulations and standards; promote a healthy workplace as per organizational policy.
- Use metrics and HR information systems to measure and report on effectiveness of key performance indicators, and to make informed decisions.

### Related Careers

Students who graduate from this program can expect to be performing all or some of the roles listed below:

- Human resources generalist
- Recruitment specialist
- Workforce planning specialist
- Talent management specialist
- Employee relations specialist
- Labour relations specialist
- Training and development specialist
- Compensation specialist
- Benefits specialist
- Union representative
- Human resources consultant
- Human resources manager (generalist and specialist areas)
- HRIS analyst

### Admission Requirements

An undergraduate degree in any discipline from an accredited institution.

### Program Content

HRM 505	Introduction to Human Resources Management
HRM 510	Workforce Planning and Talent Management
HRM 515	Recruitment and Selection
HRM 520	Learning and Development
HRM 525	Total Rewards
HRM 530	Organizational Behaviour
HRM 535	Employee and Labour Relations
HRM 540	Occupational Health and Safety in the Workplace

HRM 545

HRM 550

HRM 555

HRM 560

HRM 561

HRM 562

HRM 563

Accounting and Finance for Human Resources Management  
Employee Engagement  
Capstone  
Applications in HR I  
Applications in HR II  
Applications in HR III  
Applications in HR IV

### Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdcab.ca/program-cost-estimates](http://www.rdcab.ca/program-cost-estimates).

### Graduation Requirements

Successful completion of all courses, with a minimum GPA of 2.0. Students who wish to apply this program to waive the National Knowledge Examination must obtain an overall grade point average of 2.7.

# Instrumentation Engineering Technology

### Associate Dean

Dale Gust

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### Two Year Diploma

### The Program

Instrumentation engineering and associated technologies are rapidly changing and expanding in virtually every industrial and commercial sector. Current and future demand for Instrumentation Engineering Technologists (IETs) in this multi-disciplinary field is exceptionally high. Instrumentation systems form the monitoring and control nervous system of a broad spectrum of industries and applications. Thanks to such systems, commodities like oil, gas, electric power, wood products, clean drinking water, food products, and a wide variety of consumer goods find their way to market.

### Related Careers

Instrumentation engineering technologists are employed in many industries, including:

- Exploration and acquisition of oil, gas, and minerals
- Oil and gas pipelines systems and metering
- Municipal power, water, and waste management utilities

- Process operations associated with oil and gas refinement, mineral extraction, and wood products
- Power generation and grid distribution
- Manufacturing automation and fabrication facilities
- Food and pharmaceutical processing
- Engineering design and consultation operations

Experienced technologists may advance to supervisory or managerial positions, or become selfemployed consultants. After a minimum of two years of relevant work experience, graduates are eligible to acquire a Certified Engineering Technologist (CET) designation through the Association of Science and Engineering Technology Professionals of Alberta (ASET) and, with an additional four years of relevant experience, a Professional Technologist (PTech) designation.

## Program Outcomes

Possessing a unique blend of focused theoretical and practical training, graduates of this program will be able to:

- Employ relevant industry, health and safety standards, codes, policies and procedures in accordance with current legislation, regulations and organizational policy;
- Analyze and troubleshoot instrumentation control systems, including electrical, electronic, electromechanical (pneumatic and hydraulic), analog, and digital systems;
- Design, analyze and maintain (specific configuration and modification of) computer-based systems and hardware including electronic and computer-based controllers, to optimize the performance of process control systems;
- Analyze and solve complex technical problems by applying principles of advanced mathematics and science;
- Evaluate wireless and wired control systems applying mathematical, scientific, electrical, electronic and digital principles;
- Demonstrate and apply the elements of leadership in a multi-disciplinary engineering environment;
- Appraise the installation and deployment of a control system as a supervisory member of a multidisciplinary team;
- Assess the need for maintenance, reliability and life cycle management of equipment;
- Apply the principles and practices of project management;
- Research, analyze, prepare, author, and communicate in written, verbal, nonverbal, and presentation formats, technical documentation appropriate for a variety of audiences;
- Identify, develop, and demonstrate strategies for maintaining continuing competency and practice standards associated with global industry trends and practices in instrumentation.

The program persistently challenges students to critically think through planning and troubleshooting situations, apply methodologies to solve problems, and to communicate effectively (both oral and written) to any audience.

## Admission Requirements

### 1. A minimum average of 65% with no mark below 50% in:

- ELA 30-1 (or ELA 30-2 with minimum 75%) or equivalent
- Mathematics 30-1 (or Mathematics 30-2 with minimum 75%) or equivalent
- Physics 20 and Chemistry 20 or equivalents
- One of Chemistry 30, Physics 30, Biology 30, Mathematics 31

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. Refer to the Admission section of the Academic Calendar for further information.

## Other Requirements

**Note:** Applicants are required to have a laptop computer; please check specifications with the program prior to making a purchase.

## Program Content

### Year 1

GET 101	Introduction to Instrumentation
GET 103	Technology Physics
GET 106	Engineering CAD
GET 108	Project Management
GET 111	Engineering Mathematics
GET 112	Advanced Engineering Mathematics
GET 114	Computer Programming
GET 116	Engineering Communications
IET 105	Programmable Controllers
IET 115	Process Measurements I
IET 215	Process Measurements II
IET 120	Process Control I
IET 125	Process Operations
IET 130	Industrial Chemistry

### Year 2

GET 202	Engineering Statistics
GET 204	Professional Practice
IET 205	Data Networking
IET 210	Industrial Information Systems
IET 216	Process Measurements III
IET 220	Process Control II
IET 225	Analyzers I
IET 228	Electrical & Fluid Power Systems
IET 245	SCADA and HMI
IET 221	Process Control III
IET 230	Instrumentation Systems
IET 226	Analyzers II
IET 235	Reliability Based Maintenance
IET 240	Capstone Project

## Graduation Requirements

Students must pass all courses and achieve a minimum cumulative GPA of 2.0.

# International Business

## Donald School of Business - Downtown

### Associate Dean

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Toll Free: 1.888.732.4630

**Note: This program is suspended for the current academic year.**

## 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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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 – 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.



# Justice Studies

## Associate Dean

Jane MacNeil

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## Two year Diploma

### The Program

In this program, you will gain an understanding of the elements of the justice system in Canada, how those elements relate to each other, and how the system works at the local, provincial/territorial, and federal levels. You will learn the complex origins of crime and criminal behaviour; how to work with other professionals to improve community safety; and how to apply skills in mediation and conflict resolution to communicate effectively in stressful situations. You will also learn about the history of Indigenous peoples in Canada and the connected contemporary issues within the justice system.

Completing this diploma program will allow you to connect with working professionals in the justice system and to experience what it means to work in the field through a practicum placement.

Understanding the roles and requirements for a number of justice-related professions will prepare you for entry level positions in the justice field or degree completion in a Justice Studies or related undergraduate program.

Our program offers:

- Dynamic learning activities
- Blend of theoretical knowledge and practical skills
- Dedicated instructors who will help you succeed
- Practicum placement that will give you experience in the justice field

### Program Outcomes

- Graduates of the program will develop the knowledge, skills, and attributes that enable them to:
- Employ oral, written, and non-verbal communication strategies that are appropriate for situation and context
- Analyse elements of the justice system and how they relate to one another
- Interpret federal, provincial, and municipal laws in order to apply them within different areas of the justice system
- Assess systemic issues within the justice system that impact the interactions of Indigenous and Non- Indigenous Canadians with the justice system
- Assess societal inequities for their impact on the justice system and its interactions with various populations

- Work collaboratively as a member of a team, program partnership, and/or interprofessional group
- Describe the impact of global issues on the Canadian justice system
- Assess varying sources of information for accuracy and relevance
- Assess issues in the community and work collaboratively with partners to address these issues
- Consistently and coherently apply moral principles to personal and professional practice
- Demonstrate professional and ethical conduct
- Seek new knowledge, skills, and supports to maintain and improve personal physical, spiritual, and psychological well-being holistically

### Related Careers

Graduates of the program may find careers in the following fields:

- Policing (e.g. RCMP, Municipal Police)
- Probation Officer
- Youth Justice
- Crime Prevention
- Border Services
- Corrections
- Fish and Wildlife Officer
- Investigations
- Legal Services
- Court Clerk
- Railway/Transit Police
- Criminal Analyst
- Bylaw Officer
- Community Peace Officer
- Private Investigator
- Victims Services Advocate
- Security

### Admission Requirements

#### A. Academic requirements

ELA 30-1 or equivalent with a minimum 60% and

One other course from Group A or equivalent with a minimum 60%

**Note:** Applicants whose first language is not English must demonstrate English language proficiency. Refer to the Admission section of the Academic Calendar for further information.

#### B. Non-academic requirements

Completion of a pre-admission introduction to Justice Studies

**Note:** Some employers, including the RCMP, require a High School Diploma.

## C. Additional Requirements

### Practicum Experience requirements:

Applicants must provide, at their own expense, a Police Information Check and Vulnerable Sector Check to many agencies for practicum experience. Adverse information on such checks may limit practicum placement and prevent program completion. It is the decision of each agency or institution whether or not to accept a student for placement based on the results of such checks.

Some placements may require additional documentation, such as a medical examination, or RCMP Field Investigation and Security Clearance. It is important to learn about these requirements early in the program to ensure sufficient time for receipt of the documentation prior to the fourth term practicum.

## Graduation Requirements

Students must pass all courses and achieve a minimum cumulative GPA of 2.0.

## Program Admission Features

The Justice Studies program recognizes the need to facilitate access to post-secondary education for both Indigenous and non-Indigenous learners. To facilitate greater participation of Indigenous learners, the Justice Studies program has designated 10% of seats for qualified applicants who are Status Indian/First Nations, Non-status Indian/First Nations, Metis, or Inuit. After June 1 of each year, any such designated seats which have not been taken by Indigenous learners meeting admission requirements, and applying under this provision, will be released to qualified applicants on the waitlist, if one exists, for this program.

Indigenous applicants must meet the admission requirements for the program as outlined in the Academic Calendar, and qualify for a designated seat by:

- Self-identifying as an Indigenous applicant on the Application for Admission
- Providing proof of Indigenous ancestry

Proof of Indigenous ancestry (one of the following):

- Certified copy of a Status or Treaty card, Metis membership card, Nunavut Trust Certificate card, roll number or any other proof accepted by Inuit communities
- Proof that an ancestor's name has been entered in: the Indian Register according to the Indian Act, band list of an individual band, or the Inuit roll
- Written confirmation of Indigenous ancestry from Indigenous and Northern Affairs Canada
- Statutory Declaration by an applicant attesting to Indigenous ancestry with supporting documentation

Other forms of proof may also be considered at the discretion of the Registrar.

## Program Content

### Term 1

ENGL 219	Essay Composition and Critical Reading
PSYC 260	Basic Psychological Processes
INDS 205	Indigenous Peoples in Canada
JUST 100	The Canadian Justice System
KNSS 210	Fitness and Wellness Theory and Practice
JUST 105	Professional Seminar I

### Term 2

PSYC 261	Social and Individual Behaviour
SOCI 260	Sociological Concepts and Perspectives
PHIL 319	Philosophy of Law
JUST 110	Canadian Criminal Law
JUST 115	Corrections
JUST 106	Professional Seminar II

### Term 3

SOCI 325	Criminology
JUST 200	The Justice System and Indigenous Canadians
JUST 205	Professional Seminar III
JUST 210	Conflict Resolution
JUST 215	Community Justice Initiatives
Open Elective	

### Term 4

SOCI 327	Criminal Justice and Crime Control
SOCI 323	Sociology of Poverty OR SOCI 365 Social Stratification
JUST 206	Professional Seminar IV
JUST 220	Gender and the Justice System
JUST 225	Practicum (to be taken in Winter Term or Spring Term)
Open Elective	

## Program Costs Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates)

# Kinesiology & Sport Studies

## Associate Dean

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## 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 Fitness and Health Promotion

The diploma programs allow you to acquire knowledge and experience in either Adapted Physical Education, Fitness and Health Promotion, 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 47).

## 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 C (Biology 30 recommended)

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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.

**Note:** Students with Study Permits that are admitted to a program that has a practicum or clinical placement in childcare, primary/secondary school teaching or health service field occupations must complete their Medical Authorization as required by Citizenship and Immigration Canada one month prior to the start of classes.

## 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 Kinesiology 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 214	Introduction to Personal Physical Fitness
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	Personal Fitness and Wellness
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	Sociocultural Foundations of PE Leisure and Sport
KNSS 214	Introduction to Personal Physical Fitness
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 - 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 214	Introduction to Personal Physical Fitness
KNSS 240	Adapted Physical Education
KNSS 270	Leadership & Instruction in Physical Activity
KDNC 200	The Spectrum of Dance in Society
Approved Option	
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 Resistance 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.

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

## 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

Trevor Thomas

E-mail: [inquire@rdc.ab.ca](mailto:inquire@rdc.ab.ca)

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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 wills 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 of 80 on the Reading component, 86 on the Sentence component and 5 on the written essay component of the College Board Placement Test

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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
LEGL 110	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

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

## 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

Trevor Thomas  
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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%).

## Delivery options

This program is available on-campus as well as through online delivery. Distance students will require regular access to a computer with Internet service.

## 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 after the Management Certificate

Students wanting to advance their studies in business administration are able to apply the Management Certificate courses to the two-year Business Administration 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 will be granted the Business Administration Diploma only.

## Admission Requirements

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

OR

A minimum score of 80 on the Reading component, 86 on the Sentence component, 68 on the Math component and 5 on the written essay component of the College Board Placement Test.

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. Refer to the Admission section of the Academic Calendar for further information.

## 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.

## 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 or BADM 210 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, 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 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.

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

## Graduation Requirements

Students must complete all courses with a minimum grade of "D" and a minimum grade point average (GPA) of 2.00 (62%).

# Mechanical Engineering Technology

## Associate Dean

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 Toll Free: 1.888.732.4630

## Two Year Diploma

## The Program

The Mechanical Engineering Technology (MET) diploma program is designed to prepare students for high-demand careers in the rapidly growing manufacturing, petroleum, and infrastructure design industries in Central Alberta. Students will use both hands-on and theoretical approaches to learn mechanical engineering fundamentals including mathematics, solid mechanics, thermal-fluid sciences, and kinematics, blended with industry-focused topics such as automation, control, lean and computer integrated manufacturing, and reliability. Based on National Technology Benchmarks for Mechanical Engineering Technology, this program, coupled with industry experience, will lead to the Certified Engineering Technologist (CET) and Professional Technologist (PTech) designations.

Graduates will develop knowledge and skills enabling the learner to:

- Employ relevant industry health and safety standards, codes, policies and procedures in accordance with current legislation, regulations and organizational policy.
- Prepare, analyze, evaluate and modify mechanical engineering drawings and other related technical documents.
- Analyze and specify the requirements for product and manufacturing operations to optimize manufacturability.
- Apply and demonstrate knowledge of material and engineering principles to manufacturing operations and processes to produce components according to required specifications.
- Analyze and solve complex technical problems by applying principles of advanced mathematics and science.
- Design, analyze, specify, interface, program, and maintain computer integrated manufacturing systems.
- Apply the principles and practices of project management.



- Research, analyze, prepare, author, and communicate in written, verbal, nonverbal, and presentation formats, technical documentation appropriate for a variety of audiences.
- Identify, develop, and demonstrate strategies for maintaining continuing competency and practice standards associated with global industry trends and practices.
- Design, specify, and analyze mechanical components and equipment by applying the fundamentals of mechanical engineering.
- Design, specify, deploy, and maintain mechanical systems; and apply principles of facilities management.

## Related Careers

Mechanical Engineering Technologists find long-term, rewarding careers in many areas including:

- Manufacturing and Fabrication Industries: Oilfield Equipment (valves, pressure vessels, hydraulics), Agricultural Machinery, Outdoor Recreational Products (boats, snowmobiles, quads, and accessories), Wood Products and Production Equipment (lumber, pulp and paper mills)
- Process Industry: Piping Design, Mechanical Equipment Design, Materials Specification and Testing
- Engineering Consultants: Design, Fabrication, Production, Quality Control
- Government Agencies: Research, Development, Standards, Regulation
- Technical Sales
- CAD Operator

## Admission Requirements

### 1. A minimum average of 65% with no mark below 50% in:

- ELA 30-1 or ELA 30-2 or equivalent
- Mathematics 30-1 or equivalent
- Physics 20 or equivalent
- Two of Chemistry 30, Mathematics 31, Physics 30, Science 30 or of Computer Science Advanced-Level CTS (5 credits) or equivalent.

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. Refer to the Admission section of the Academic Calendar for further information.

## Other Requirements

**Note:** Applicants are required to have a laptop computer; please check specifications with the program prior to making a purchase.

## Program Content

### Year 1

GET 101	Introduction to Instrumentation
GET 103	Technology Physics
GET 106	Engineering CAD
GET 108	Project Management
GET 111	Engineering Mathematics
GET 112	Advanced Engineering Mathematics
GET 114	Computer Programming

GET 116  
MET 102  
MET 120  
MET 125  
MET 130  
MET 135  
MET 140

Engineering Communication  
Fabrication  
Statics  
Materials Science  
Fluid Mechanics  
Thermodynamics  
3D CAD

### Year 2

GET 202  
GET 204  
MET 201  
MET 205  
MET 208  
MET 210  
MET 212  
MET 220  
MET 224  
MET 230  
MET 235  
MET 240  
MET 258  
MET 260

Statistics  
Professional Practice  
Fluid and Bulk Materials Systems  
Dynamics  
Mechanical Design  
Building Systems  
Manufacturing  
Strength of Materials  
Reliability and Failure Analysis  
Robotics  
Computer Integrated Manufacturing  
CNC Manufacturing  
Capstone Project  
Manufacturing Automation

## Graduation Requirements

The student must pass all courses and achieve a minimum cumulative GPA of 2.00.

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Media Studies and Professional Communication

## Associate Dean

Dr. Jane MacNeil

E-mail: inquire@rdc.ab.ca

Local calls: 403-342-3400

Toll Free: 1-888-732-4630

Two Year Diploma

## The Program

If you're fascinated by the words and images that we see every day in traditional mass media and social media, and you're looking for an opportunity to work in a fast-paced career that requires maturity and excellent writing skills, consider the Media Studies and Professional Communication diploma at RDC.

In this program, you'll study how mass media such as television, advertising and even video games influence and are influenced by society, and you'll also gain valuable knowledge to help you succeed in a variety of careers that require top-notch strategic communication skills. This combination of media studies and professional communication will allow you to adapt to the ever-changing job market by giving you strong critical thinking skills and the tools to create effective messages for your employer.

Completing this diploma program will open doors to employment in corporate, government, and not-for-profit organizations, as well as transfer to universities to complete a Bachelor's degree in Communications Studies or another discipline.

Our program offers:

- Small class sizes with dynamic learning activities
- A blend of theoretical knowledge and practical skills
- An interdisciplinary approach that equips you to evolve in your career
- Dedicated instructors who will help you succeed
- A practicum placement that will give you experience in the communications field

Program Outcomes

- Demonstrate the oral and written skills necessary to communicate clearly, concisely and persuasively while adapting to different audiences and purposes.
- Employ current qualitative and quantitative research methods in addressing both complex theoretical questions and concrete professional challenges.
- Explain the history and application of communication theories related to topics such as mass media production, new media literacy, intercultural and interpersonal relations.

- Identify historical and contemporary trends and implications of various forms of mass media and technology.
- Apply critical media theory to oral, written and audiovisual communications in order to appraise sociocultural messaging, power dynamics, and bias.
- Analyze how media and communications systems and texts engage with society on local, national and international levels.
- Produce media texts and messages that comply with both Canadian legal standards and a nuanced system of ethics principles.
- Adapt to team and independent work settings, showing entrepreneurial initiative and strong interpersonal skills.
- Demonstrate the ability to act professionally, particularly in crisis situations.
- Examine current affairs and community issues in order to represent a variety of voices/viewpoints.
- Explain the various roles in professional communications, both within an organization and between the organization and external audiences.
- Explain basic design principles and apply these principles to communications situations.

## Related Careers

A diploma in Media Studies and Professional Communication provides the skills and knowledge required to begin a career in the multi-faceted Communications field. Students can expect to be performing roles including, but not restricted to, the following:

- Communication Specialist
- Writer/Editor
- Technical Writer
- Digital and Social Media Specialist
- Communications Marketing Generalist
- Digital Marketing Assistant
- Public Relations/Website Support Administrator
- Community Relations Specialist
- Public Affairs Assistant
- Community Relations/Sponsorship Specialist

## Admission Requirements

Minimum 50% in ELA 30-1 and 50% in one 30-level course from Group A or C.

OR

One year of full-time post-secondary study (minimum 24 credits) with a minimum GPA of 2.0

**Note:** Students admitted to the program based on successful completion of one year of full-time academic study at the post-secondary level, but without ELA 30-1 or equivalent, will need to complete English upgrading during their first year of admission. As a result, it may take longer than four terms of full-time study to complete the MSPC diploma.

**Note:** Students intending to transfer to a university program are advised to ensure they have met the entrance requirements for that program (e.g. ELA 30-1, Social Studies 30, etc.) before taking the university transfer courses that are part of the MSPC program. Students may choose to take the 30-level requirements while completing the requirements of the MSPC diploma program, though as a result, it may take longer than four terms of full-time study to complete the diploma.

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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 may be required to provide a Police Information Check (also known as a Criminal Record Check) and/or a Vulnerable Sector Check to agencies where they will be placed for practicum experiences. The existence of police information or a criminal record may prevent practicum placement, program completion 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.

## In Program Requirements

Successful completion of three terms of coursework or permission of Associate Dean prior to practicum placement.

## Program Content

### Year 1

COMM 271	Introduction to Communication Studies
COMM 383	Introduction to Public Relations
ENGL 219	Essay Composition and Critical Reading
MSPC 105	Interpersonal and Group Communication
MSPC 110	Visual Design Principles
MSPC 115	Basic Photography
COMM 371	Critical Media Studies
COMM 369	Classical Persuasion
COMM 313	Research Methods
COMM 363	Professional and Technical Communication
MSPC 120	Online Communication and Social Media

### Year 2

COMM 381	History of Communication
COMM 375	Mass Communication in Canada
MSPC 205	Document Design and Editing
MSPC 210	Marketing and Branding
COMM 341	New Media, Technology, and Society
MSPC 215	Introduction to Project Management
MSPC 220	Issues in Communications Studies: Politics, Economics, Culture and Organizations

- MSPC 225 Entrepreneurship and Professionalism  
MSPC 230 Practicum Experience  
MSPC Options (6 credits):
- Any 3 credit college or university-transfer course
  - Any 3 credit college or university transfer course

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

## Graduation Requirements

Students must pass all courses and achieve a minimum cumulative GPA of 2.0.

# Medical Laboratory Assistant

## Associate Dean

Sharon Hamilton  
E-mail: [inquire@rdc.ab.ca](mailto:inquire@rdc.ab.ca)  
Local calls: 403.342.3400  
Toll Free: 1.888.732.4630

## 29-week Certificate Program

This accredited program prepares the graduate to become a Medical Lab Assistant following program completion. The graduate is eligible to write the Canadian Society for Medical Laboratory Science MLA National Certification Exam.

The program is completed over 22 weeks of classroom and laboratory study at RDC followed by a 7 week practicum of clinical laboratory training. 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. During practicum experience, students will address a selection of competencies in simulation labs.

Program outcomes are designed to enable successful transition to the role of the Medical Lab Assistant, assisting students to:

- Perform safe work practices according to established safety protocols, guidelines, and legislation.
- Verify relevant data and patient information to ensure that appropriate specimens are collected and handled correctly.
- Perform pre-analytical procedures and laboratory testing on a variety of specimens through the use of equipment according to established protocols.
- Apply a variety of communication strategies, teamwork skills, and inter-professional collaboration to effectively and respectfully build positive relationships with patients/clients and other healthcare professionals.

- Practice and promote the principles of quality management systems.
- Practice in a legal, ethical and professional manner, demonstrating conduct that meets expectations of laws and regulations governing the profession.
- Exhibit empathy, respect, and appreciation of diversity, while protecting the patient's right to a reasonable standard of care.
- Apply critical thinking skills to constructively investigate, evaluate, and problem solve to engage in self-reflective practice, self-care, and lifelong learning.

**Note:** There is one annual intake in Fall for the MLA program usually beginning in September.

## Related Careers

There is a high demand for Medical Lab Assistants 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.

## Admission Requirements

### A) Academic Requirements

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

- English 30-1 or 30-2
- Chemistry 20
- Biology 20
- Math 10C or Math 20-2

#### 2. Keyboarding skills (two tests - minimum 30 words per minute with 90% accuracy)

#### 3. Basic computer literacy exam (word processing)

AND

### B) Non-academic Requirements

Site Tour: Applicants must visit a hospital clinical laboratory. Completion of a Site Tour confirmation form must be signed by the tour lead. The Site Tour form specific to the Medical Laboratory Assistant program is required and can be found in the Forms Index on the RDC website.

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. Refer to the Admission section of the Academic Calendar for further information.

### C) Other Requirements

#### Immunization Requirements

In order to proceed into the clinical practicum course, you must show evidence of the required specific schedule of immunization prior to program start date. A form will be provided the college.

**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.

**Note:** Students with Study Permits that are admitted to a program that has a practicum or clinical placement in childcare, primary/secondary school teaching or health service field occupations must complete their Medical Authorization as required by Citizenship and Immigration Canada one month prior to the start of classes.

## Program Content

INTP 102	Healthcare Anatomy and Physiology
INTP 104	Healthcare Communication I
MLA 104	Medical Terminology
MLA 105	Infection Control Practices
MLA 117	Medical Lab Testing and Professional Practice
MLA 119	Specimen Collection, Handling and Quality Lab Processes
MLA 121	General Lab Procedures and Urinalysis
MLA 115	Clinical Practicum

## Special Fees and Expenses

### Practicum Expenses:

The RDC Medical Lab Assistant certificate program includes a 7 week clinical practicum placement during the winter semester. All students are expected to travel to clinical sites throughout the Alberta Health Services Region for their clinical practicum and are responsible for travel and living costs.

Every effort is made to consider student preferences for practicum location. However, due to practicum availability, students may be required to travel to locations outside of their preferences in the province of Alberta in order to complete the practicum requirements.

## Graduation Requirement

You must pass all required courses including clinical practicum and achieve a minimum cumulative GPA of 2.0.

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Motion Picture Arts

## Associate Dean

Dr. Peter Fielding  
E-mail: [inquire@rdc.ab.ca](mailto:inquire@rdc.ab.ca)  
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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 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](http://www.rdc.ab.ca/performing_arts).

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

### 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

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

## 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

## Associate Dean

Dr. Peter Fielding  
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 Electrical 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

Minimum mark of 50% in ELA 30-1 or ELA 30-2

OR

Minimum score of 80 on the Reading component, 86 on the Sentence component and 5 on the written essay component of the College Board Placement Test

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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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 Aural Skills II
MUSS 145/	Private Lessons
MUSS 145	(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)

\* Piano majors are automatically exempt. Students with Gr. 4 Piano from the Royal Conservatory or equivalent may apply for exemption through Prior Learning.

\* 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

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

**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

Students are required to take 4 terms of MUSE Ensembles while enrolled in the diploma program. MUSE Ensembles taken during the Music Preparatory program will not count towards diploma graduation requirements.

### 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, Advising and Recruiting Specialist 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-Augustana 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.

### Burman University

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 Burman University.

## 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)

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, 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 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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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 241/ MUSI 242	Basic Piano I & II*
ENGL 219	Essay Composition and Critical Reading
or	
COMM 250	may be substituted if you have 60% or greater in English 30-1

\*Piano majors are automatically exempt. Students with Gr. 4 Piano from the Royal Conservatory or equivalent may apply for exemption through Prior Learning.



## 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 two 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 and 20th Century Music
MUSI 303	History of Popular Music
AND	
Music Options	(3 credits)
Open Options	(may include additional Music courses) (6 credits)

**Note:** Options should be selected after consultation with your music faculty or Advising and Recruiting Specialist.

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

**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.

# Occupational & Physical Therapist Assistant

## Associate Dean

Sharon Hamilton  
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## Two Year Diploma

## Related Careers

As an Occupational or Physical Therapist Assistant, the graduate will provide assistance to Occupational Therapists, Physical Therapists 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

The program prepares the graduate to become an Occupational and/or Physical Therapist Assistant and is delivered over five academic terms. Upon graduation, students will be prepared to work as an Occupational and/or Physical Therapist Assistant. Program outcomes are designed to enable successful transition to the role of the Occupational and/or Physical Therapist Assistant, assisting students to:

- apply a variety of communication strategies to effectively and respectfully build positive relationships through verbal, nonverbal, written and technological means with clients, families, care providers, and other stakeholders
- establish positive, effective, and collaborative relationships with an inter-professional team and others to achieve optimal client care.
- manage time and prioritize competing priorities in collaboration with occupational therapists, physical therapists and support the delivery of effective and efficient practice
- responsibly advocate, encourage change, and promote the health and well-being of clients, communities, and populations, while applying knowledge and influence within the OTA/PTA role
- maintain, enhance and share knowledge, skills and attitude through self-reflective practice, relevant goal setting, networking, quality improvement, self-care, and self-directed learning to continue to be lifelong learners
- practice in a legal, ethical and professional manner demonstrating conduct that meets expectations of members of society and the profession.
- perform responsibly and effectively through application of evidence-based disciplinary knowledge contributing to the

development, implementation and modification of treatment plans while under the supervision and in collaboration with the occupational and/or physical therapist

- demonstrate sensitivity to the individual's culture, diversity, and abilities by establishing, developing, fostering, maintaining and bringing closure to client-centered, positive therapeutic relationships
- collect, document and complete client records in a thorough, objective, accurate, confidential, and nonjudgmental 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 Physical Therapist.
- recognize and apply principles that support safety in the workplace and adhere to all guidelines, procedures, protocols and standards to ensure personal safety and contribute to the safety of others.

## Accreditation

This program has received approval to undergo a program review for accreditation through the Occupational Therapist Assistant and Physiotherapist Assistant Education Accreditation Program (OTA PTA EAP) through the Occupational Therapist Assistant and Physiotherapist Assistant Educators Council (COPEC).

Having Candidacy Status does not mean that the Occupational and Physical Therapist Assistant Program will be accredited once the process is finished, but that the required first step is complete.

## Transfer Features

### Thompson Rivers University – Open Learning

Occupational and Physical Therapist Assistant Diploma graduates will be granted a maximum of 54 transfer credits into the Bachelor of Health Science.

### University of Calgary

Occupational and Physical Therapist Assistant Diploma Graduates will be considered for entrance into the University of Calgary's 10 full course equivalent Bachelor of Community Rehabilitation program.

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.

## 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 a 30 level math course (Math 30-1 or Math 30-2, Math 30 Applied or equivalent) or another 30 level 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 Heart and Stroke Foundation: Basic Life Support Provider Level and Standard First Aid. You must re-certify CPR each year.

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. Refer to the Admission section of the Academic Calendar for further information.

**Note:** Prior to entering the program, students should have an understanding of the specific skills that will help bring them success as an occupational/physical therapist assistant. Please refer to the Occupational and Physical Therapist Assistant (OPTA) department web page for details regarding these skills.

**Note:** It is to your advantage to have basic computer literacy with working knowledge of word processing software.

**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.

**Note:** Students with Study Permits that are admitted to a program that has a practicum or clinical placement in childcare, primary/secondary school teaching or health service field occupations must complete their Medical Authorization as required by Citizenship and Immigration Canada one month prior to the start of classes.

**Note:** Students must complete a minimum of one third of their practical training in each area (OT or PT) and will be placed in a variety of therapeutic environments, which may include: hospitals, long-term care facilities, outpatient clinics, private rehabilitation clinics/services, and home care and community care services.

## Program Content

### Year 1

INTP 102	Anatomy and Physiology
INTP 104	Healthcare Communications I
OPTA 112	Introduction to Healthcare and Rehabilitation Concepts
OPTA 114	Concepts in Mental Health
KNSS 307	Growth and Development
OPTA 118	Functional Anatomy
INTP 105	Healthcare Communications II
OTA 105	OTA Skills I

PTA 100  
PN 262  
OPTA 122  
OPTA 130

PTA Skills I  
Pathophysiology  
Common Conditions  
Practicum I (Spring)

## Year 2

OPTA 215  
OPTA 222  
OTA 205  
PTA 200  
OPTA 230  
OPTA 210  
OPTA 204  
OTA 305  
PTA 300  
OPTA 330

Communication Impairment  
Advanced Conditions and Function  
OTA Skills II  
PTA Skills II  
Practicum II  
Professional Practice  
Sensation, Perception and Cognition  
Skills III  
Skills III  
Practicum III

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

## Other Expenses

**Note:** Practicum Expenses – The RDC Occupational and Physical Therapist Assistant diploma program includes three practicum courses which are 180 hours each. Students are responsible for all expenses associated with practicum. Practicum expenses can vary depending on practicum location. Minimum costs will be room and board, relocation costs, and travel to and from the workplace. You will require appropriate clothing or uniform attire for working with the public in a professional setting.

**Note:** Practicum Travel – While every effort is made to consider student preferences for practicum location due to practicum availability, students may be required to travel to locations outside of their preferences in the province of Alberta in order to complete the practicum requirements. In extreme circumstances, the College may need to delay completion of a practicum until a placement becomes available.

**Note:** You should be aware that there are expectations regarding professional attire, including proper footwear, in the practical portions of this program.

## Graduation Requirements

You must pass all courses and achieve a minimum cumulative GPA of 2.00.

# Open Studies

## Associate Dean

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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 Academic Upgrading 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 Academic Upgrading 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 Academic Upgrading 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 Academic Upgrading Program.

OR

4. **A recommendation from an Academic Advisor**

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. Refer to the Admission section of the Academic Calendar for further information.

### Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

### Program Readmission

See page 11.

# Pharmacy Technician

#### Associate Dean

Sharon Hamilton

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### Two-Year Diploma

#### The Program

This program is accredited by the Canadian Council for Accreditation of Pharmacy Programs (CCAPP). It 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 in the province of Alberta can be found by accessing the Alberta College of Pharmacists website ([www.pharmacists.ab.ca](http://www.pharmacists.ab.ca)).

RDC has been educating Pharmacy Technicians since 1976 and graduates are highly sought after by employers. This diploma program is delivered over five academic terms.

Program outcomes are designed to enable successful transition to the role of the Pharmacy Technician, assisting students to:

- Communicate effectively and respectfully to build positive relationships through verbal, nonverbal, written and technological means with patients, co-workers and other health care providers.
- Practice in a legal, ethical and professional manner demonstrating conduct that meets expectations of members of society and the profession.
- Accurately manage and perform technical and distributive tasks expected of a pharmacy technician.
- Build collaborative relationships within the pharmacy and health care teams to optimize patient safety and meet patient health care needs and improve health outcomes.
- Perform job related tasks in a safe and effective manner that ensures quality and patient safety while using professional judgment as to which tasks can be performed independently or in collaboration with a pharmacist.

- Maintain, enhance and share knowledge, skills and attitude through self-reflective practice, use of available learning resources, networking and self-directed learning to continue to be a lifelong learner.

### Transfer Features

#### Thompson Rivers University – Open Learning

Pharmacy Technician Diploma graduates will be granted a maximum of 54 transfer credits into the Bachelor of Health Science.

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.

### Related Careers

As a Pharmacy Technician, the graduate will perform drug distribution tasks in a variety of health care settings, such as hospitals, long-term care facilities and community pharmacies. Pharmacy Technicians work collaboratively with Pharmacists, Pharmacy Assistants and other health care professionals to provide patient centered health care.

### Admission Requirements

#### A. Academic Requirements

High School Diploma or GED with a minimum of 60% in:

- Biology 30
- Chemistry 20
- ELA 30-1 or ELA 30-2
- Mathematics 30-1 or Mathematics 30-2

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. Refer to the Admission section of the Academic Calendar for further information.

**Note:** In addition, admission into a CCAPP-accredited pharmacy technician program should be limited to candidates who provide documentation of one of the following as evidence of language proficiency:

- Language proficiency test results that meet the NAPRA Language Proficiency Requirements for Licensure as a Pharmacy Technician in Canada (TOEFL minimum score of 91 internet based or IELTS minimum score of 6.5 overall, with at least 6.0 on each band score or MELAB minimum score of 81 overall, with at least 80 on each band score); or
- Graduation from a high school in Canada with three consecutive, first language English or French courses/credits; or
- Graduation from a Collège d'enseignement général et professionnel (CEGEP) in Quebec with four consecutive, first language English or French courses/credits; or
- An undergraduate degree from a university in Canada, whose instruction was provided in English or French.

(For more information, please consult the Language Proficiency Requirements for Licensure as a Pharmacy Technician in Canada released by the National Association of Pharmacy Regulatory Authorities.)

## B. Non-academic Requirements

Students should possess basic computing skills and have the ability to use word processing software.

In order to proceed into practicum courses, you must show evidence of the required specific schedule of immunization prior to program start date. A form will be provided by the college. Some students may require additional immunizations or testing in order to be eligible for particular practicum placements.

## C. Other Requirements

While not an admission requirement for the program, applicants are required to provide a Police Information Check (also known as a Criminal Record Check) including a 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, and 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.

**Note:** Students will be required to successfully complete a keyboarding assessment and obtain at least 30 wpm. Testing will be provided at RDC. Students must pass this assessment by December 1st of their first year of studies in the program as this is a prerequisite for the second term of studies. Students should begin preparing for this assessment upon admission to the program.

**Note:** Failure to provide evidence of completed immunization will prevent students from entering practicum placements. Students are responsible for any fees involved with the assessment or administration of immunizations.

**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 program faculty if any of these qualifications are of concern.

**Note:** Students with Study Permits that are admitted to a program that has a practicum or clinical placement in childcare, primary/secondary school teaching or health service field occupations must complete their Medical Authorization as required by Citizenship and Immigration Canada one month prior to the start of classes.

## Program Content

### Year 1 (Fall and Winter Term)

PHTD 100	Professional Role and Ethics
PHTD 105	Pharmacology Fundamentals
PHTD 110	Foundations of Pharmacy
PHTD 115	Pharmacy Calculations
PHTD 120	Jurisprudence
PHTD 125	Pharmacotherapeutics I
PHTD 130	Pharmacy Computer Systems
PHTD 135	Dispensing I
PHTD 140	Preparation for Practice I
INTP 102	Healthcare Anatomy and Physiology
INTP 104	Healthcare Communication I
INTP 105	Healthcare Communication II

### Year 2 (Fall, Winter and Spring Term)

PHTD 200	Non-Prescription and Complementary Therapies
PHTD 205	Non-Sterile Compounding
PHTD 210	Aseptic Technique
PHTD 215	Hospital/Institutional Practice
PHTD 220	Community Health Project
PHTD 225	Pharmacotherapeutics II
PHTD 226	Pharmacotherapeutics III
PHTD 231	Community Pharmacy Practicum
PHTD 232	Hospital Pharmacy Practicum
PHTD 235	Dispensing II
PHTD 240	Preparation for Practice II
INTP 201	Interprofessional Leadership

**Note:** Due to the rapidly changing nature of pharmacy and health care, students must complete both practicum courses within one academic year of completing the other required courses. Students unable to meet this timeline may have to repeat courses as deemed necessary. Practicum courses are designed to be completed on a full-time basis due to the number of required hours in each practicum block.

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

**Note:** Practicum Expenses - The RDC Pharmacy Technician diploma program includes a 4 week (160 hours) community pharmacy practicum placement and a 4 week (160 hours) hospital pharmacy practicum placement. Practicum expenses can vary depending on practicum location. Minimum costs will be room and board, relocation costs, and travel to and from the workplace. You will require appropriate clothing or uniform attire for working with the public in a professional setting.

**Note:** Practicum Travel - While every effort is made to consider student preferences for practicum location due to practicum availability students may be required to travel to locations outside of their preferences in the province of Alberta in order to complete the practicum requirements. In extreme circumstances, the College may need to delay completion of a practicum placement until a placement becomes available.

## Graduation Requirements

The student must pass all courses and achieve a minimum cumulative GPA of 2.00. Due to the changing nature of pharmacy and health care, students must complete the program within 5 academic years from the term to which they were first admitted.

# Practical Nurse

## Associate Dean

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## 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.

## Program Admission Features

The Practical Nurse program recognizes the need to facilitate access to post-secondary education for both Indigenous and non-Indigenous learners. In order to facilitate greater participation of Indigenous learners the Practical Nurse program has designated two seats per campus for applicants who are Status Indian/First Nations, Non-status Indian/First Nations, Metis or Inuit. Should no Indigenous applicants apply and meet the admission requirements for the designated seats, they will be released after June 1st of each year to qualified applicants on the waitlist if one exists for the program.

In accordance with the Constitution Act, 1982, Part II, Section 35(2) the applicant must meet the definition of Indigenous as an Indian, Inuit, or Métis person of Canada, or a person who is accepted by one of the Indigenous peoples of Canada as a member of their community.

Indigenous applicants must meet the admission requirements for the program as outlined in the Academic Calendar and qualify for a designated seat by:

- Self-identifying as an Indigenous applicant on the Application for Admission.
- Providing proof of Indigenous ancestry.

Proof of Indigenous ancestry (one of the following):

- Certified copy of a Status or Treaty card, Metis membership card, Nunavut Trust Certificate card, roll number or any other proof accepted by Inuit communities.
- Proof that an ancestor's name has been entered in: the Indian Register according to the Indian Act, band list of an individual band or the Inuit roll.
- Written confirmation of Indigenous ancestry from Indigenous and Northern Affairs Canada.
- Statutory Declaration by an applicant attesting to Indigenous ancestry with supporting documentation.

Other forms of proof may also be considered at the discretion of the Registrar.

## 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
- 50% in Math 30-1 or 30-2 OR
- 60% in Math 30 Applied or 20-1 OR
- 70% in Math 20-2

**Note:** Practical Nurse applicants will be offered admission on a competitive basis with 50% of seats allocated on the basis of academic achievement, GPA ranking, and the remaining 50% of seats allocated on a first come first qualified basis.

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

- 25 high school credits from the following subjects: ELA 30-1, Biology 30 and the best grade from one of Math 30-1, Math 30-2, Math 30 Applied, Math 20-1, or Math 20-2 plus the best grades from the most recently completed semester until 25 credits has been reached. If any of the specified courses are in progress at the transcript submission deadline, the previous level in the subject will be used.
- 18 post-secondary credits including all credits from the most-recently completed term plus the best grades from the next most recent term.
- Applicants with fewer than 18 post-secondary credits will have their GPA calculated using all post-secondary credits plus the best grades from the most recent semester from high school until 18 credits are achieved.

**Note:** Post-secondary credits will be used in the Conditional Admission GPA calculation before High School credits, regardless of when the post-secondary credits were taken. Post-secondary credits do NOT include any High School equivalents completed at a

post-secondary institution (i.e. High School equivalents completed at RDC).

**Note:** Transcript deadline for the initial GPA calculation is March 1.

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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 Heart and Stroke Foundation: Basic Life Support Provider Level. You must recertify each year.

**Note:** Applicants are required to have either a MAC or a PC laptop that meet the following specifications:

#### Apple Laptop

Minimum requirement

MacBook Air with 1.6 GHz dual-core Intel i5 processor, 128 Gb storage solid state, 4 Gb memory  
Web camera (built in or as peripheral)  
Microphone

#### Windows Laptop

Minimum requirement

Laptop with 2.6 GHz dual-core Intel i5 processor, 128 Gb storage, 4 Gb memory and Windows 10 operating system  
Web camera (built in or as peripheral)  
Microphone

#### Software

Latest version of Adobe Flash  
Google Chrome browser  
Microsoft Word \*

#### Other

USB memory stick (Flash drive)

\* Microsoft Word is used for several purposes. Students can either purchase and install the Microsoft Word application, or install the free software client to use a Red Deer College virtual desktop with the full Microsoft Office Suite of applications.

**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 perience based on the results of the police information check.

**Note:** Students with Study Permits that are admitted to a program that has a practicum or clinical placement in childcare, primary/secondary school teaching or health service field occupations must complete their Medical Authorization as required by Citizenship and Immigration Canada one month prior to the start of classes.

### 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
INTP 102	Healthcare Anatomy & Physiology
INTP 104	Healthcare Communication I
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	Essay Composition and Critical Reading
One 3 credit Liberal Arts/ Arts/ Humanities/ Science or Social Science Elective	

#### Year 2 Fall Term

INTP 201	Interprofessional Leadership
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 275	Practical Experience V: Comprehensive Practicum

**Note:** Students who withdraw or fail a clinical course in the Practical Nurse program (PN 263, PN 268, PN 272 and PN 275) will be required to complete INTP 303 prior to the next attempt of the clinical course.

### Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

## 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.

# Pre-Health Sciences

### Associate Dean

Sharon Hamilton

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## One year Certificate

### The Program

Are you interested in a career in a health or wellness related field, but not sure which program you would like to study? Or perhaps you are interested in one of the Certificate or Diploma programs in Health Sciences, but do not meet the admission requirements. The Pre-Health Sciences Certificate program is a pathway designed to give students who are interested in a health career the opportunity to explore basic concepts related to health and health care. Students may do this while taking courses in Mathematics and Biology for Health Professions that can be used for admission. The relatively low credit load of the program (22 credits) allows students the opportunity to upgrade other high school courses required for admission while they are in the Certificate program.

Students who complete this one year Certificate program will have the opportunity to explore a variety of health related careers that require either a Certificate or Diploma. They will also develop strong study skills, and, upon completion of the program and fulfilment of additional admission requirements, will be eligible to apply to the following RDC School of Health Sciences programs:

- Kinesiology Diploma
- Medical Lab Assistant Certificate
- Occupational and Physical Therapist Assistant Diploma
- Pharmacy Technician Diploma
- Practical Nurse Diploma

The programs above have designated 10% of seats for admission of graduates of the Certificate program who achieve a Grade Point Average of 3.3, with no course grade below C, provided all other admission requirements are met (see additional Admission Requirements, below, for further details).

## Program Outcomes

1. Demonstrate effective communication skills and discuss their influence/application in health and wellness fields.
2. Explore the roles of a variety of health care professionals in the Canadian health care system.
3. Follow healthy lifestyle behaviours for personal and professional health and wellness.
4. Employ effective study, writing, information literacy and digital literacy skills to prepare for health and wellness programs.
5. Examine scientific knowledge (math, biology, anatomy and physiology) related to practice in health and wellness programs.
6. Appraise personal level of suitability for further study in health and wellness programs.
7. Explore concepts central to the provision of quality care in Canada: legislation, ethics, culture, equity, health promotion, and evidence informed care.
8. Describe the knowledge, skills, attitudes and behaviours that reflect professionalism in the health and wellness fields.
9. Practice self-reflection, critical thinking, and inquiry.

## Related Careers

This certificate does not lead directly to employment. However, graduates of the Pre-Health Sciences Certificate program will have had learning experiences to equip them to make informed decisions about which health-related career they would like to pursue and the opportunity to appraise their own interest in and suitability for a career in health and wellness. Upon successful completion of the program, they may have earned some post-secondary credit and will possess the Mathematics and Biology admission requirements to be eligible to apply for a high demand RDC health-related certificate or diploma program.

## Admission Requirements

Provide comprehensive information on admission requirements

### Minimum of:

- 50% in ELA 30-1 or 30-2 or equivalent
- 50% in Biology 20 or equivalent
- 65% in Mathematics 10C or equivalent

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. Refer to the Admission section of the Academic Calendar for further information.

**Note:** Admission to a pathway program is not guaranteed. Admission to programs is based on a first qualified, first admitted or competitive, based on grade point average, basis. Please note the additional admission requirements for your pathway below.



The following programs have designated 10% of seats for admission of graduates of the Pre-Health Sciences Certificate program who achieve a Grade Point Average of 3.3, with no course grade below C, provided all other admission requirements are met:

- **Kinesiology and Sports Study Diploma**  
Other admission requirements: 50% in ELA 30-1 or equivalent
- **Medical Laboratory Assistant Certificate**  
Other admission requirements: Chemistry 20 or equivalent
- **Occupational and Physical Therapist Assistant Diploma**  
Other admission requirements: 60% in ELA 30-1 or 75% in ELA 30-2 or equivalent
- **Pharmacy Technician Diploma**  
Other admission requirements: Chemistry 20 or equivalent, High School Diploma or GED and NAPRA English Language Proficiency
- **Practical Nurse Diploma**  
Other admission requirements: 60% in ELA 30-1 or equivalent

The program credit load (22 credits) has been designed to ensure students are eligible for student loan funding and allow for completion of additional academic upgrading courses such as English, Chemistry and Science equivalents required for admission to a pathway program.

Graduation Requirements: Includes requirements for completion of course and minimum cumulative GPA. Students must pass all courses, and achieve a minimum cumulative GPA of 2.0.

### Program Content

HSCI 100	Health Sciences I
HSCI 101	Health Sciences II
HSCI 105	Personal Health and Wellness
HSCI 110	Mathematics for Health Professions I
HSCI 111	Mathematics for Health Professions II
HSCI 115	Biology for Health Professions
INTP 102	Health Care Anatomy and Physiology

### Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

# Social Work

## Associate Dean

Dr. Jane MacNeil  
E-mail: [inquire@rdc.ab.ca](mailto: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 of 80 on the Reading component, 86 on the Sentence component and 5 on the written essay component of the College Board Placement Test.

AND

### B) Non-academic Requirements

1. 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.
2. 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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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:** Students with Study Permits that are admitted to a program that has a practicum or clinical placement in childcare, primary/secondary school teaching or health service field occupations must complete their Medical Authorization as required by Citizenship and Immigration Canada one month prior to the start of classes.

**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

SOWK 201	Social Work Practice I
SOWK 202	Social Work Practice II
SOWK 204	Ethics in Social Work Practice
SOWK 207	Introduction to Social Welfare
SOWK 209	Field Work II
SOWK 210	Social Work Practice with Groups
SOWK 212	Preparation for Practice
SOWK 214	Reconciliation through Social Work
SOCI 260	Sociological Concepts and Perspectives
PSYC 260	Basic Psychological Processes
PSYC 261	Social and Individual Behaviour
English or Communication Option	
English or Communication Option	

### Year 2

SOWK 301	Social Work Practice with Families
SOWK 304	Social Work Practice with Groups and Communities
SOWK 306	Leadership in Social Work
SOWK 307	Social Policy
SOWK 308	Field Work II
SOWK 309	Field Work III
SOWK 312	Current Trends and Issues Social Work
SOWK 315	Social Work Research
SOCI 261	Canadian Society
Option* (3 credits)	
Option* (3 credits)	

\* One of your two 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

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

## Readmission

See page 11.

## Graduation Requirements

You must pass all course requirements and achieve a minimum cumulative GPA of 2.00

# Theatre & Entertainment Production

## Associate Dean

Dr. Peter Fielding  
E-mail: [inquire@rdc.ab.ca](mailto: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 Theatre & 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 jazz, 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.rdc.ab.ca/performing\\_arts](http://www.rdc.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 Fundamentals

### 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

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

## Graduation Requirements

You must pass all courses, and achieve a minimum cumulative GPA of 2.00.

# Theatre Performance & Creation

### Associate Dean

Dr. Peter Fielding  
E-mail: [inquire@rdc.ab.ca](mailto: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 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 opportunities 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 America 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, B.Ed. 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

**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.rdc.ab.ca/performing\\_arts](http://www.rdc.ab.ca/performing_arts).

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

## 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 \$3000-3500/trip for these optional opportunities.

## Graduation Requirements

You must pass all courses and achieve a minimum cumulative GPA of 2.00.

# Transitional Vocational Program

## Associate Dean

Julia Rheume  
E-mail: [inquire@rdc.ab.ca](mailto: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

For the most current Program Cost Estimates, go to [www.rdcab.ca/program-cost-estimates](http://www.rdcab.ca/program-cost-estimates).

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

Trevor Thomas  
E-mail: [inquire@rdc.ab.ca](mailto: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:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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.

**Note:** Students with Study Permits that are admitted to a program that has a practicum or clinical placement in childcare, primary/secondary school teaching or health service field occupations must complete their Medical Authorization as required by Citizenship and Immigration Canada one month prior to the start of classes.

## Program Content

UNIT 100	Computer Skills
UNIT 101	Keyboarding
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

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

## 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/](http://www.rdc.ab.ca/rpl/). Application forms for Recognition of Prior Learning are available through the Office of the Registrar.

## Graduation Requirements

Successful completion of all required courses.

# Visual Art

## Associate Dean

Dr. Peter Fielding  
E-mail: [inquire@rdc.ab.ca](mailto:inquire@rdc.ab.ca)  
Local calls: 403.342.3400  
Toll Free: 1.888.732.4630

## Two-Year Diploma Program

## 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. Employment in specialized art fields can be very competitive 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, 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

All of our visual art instructors are professional practicing artists. We offer state-of-the-art studio spaces fully equipped for ceramics, sculpture, painting, drawing, 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, visual maturity in studio work. You will also be introduced to studies in the humanities as well as allowing you to experience open options to broaden your education..

## 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

A minimum mark of 50% in ELA 30-1 or ELA 30-2

OR

a minimum score of 80 on the Reading component, 86 on the Sentence component and 5 on the written essay component of the College Board Placement Test.

**Note:** Applicants whose first language is not English must demonstrate English Language Proficiency in addition to the program admission requirements. 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 310/ART 311	Professional Practice I and II
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 381/ART 383	Sculpture II and III

## Program Cost Estimates

For the most current Program Cost Estimates, go to [www.rdc.ab.ca/program-cost-estimates](http://www.rdc.ab.ca/program-cost-estimates).

## Graduation Requirements

You must pass all courses (26 courses, 64 total credits) and achieve a minimum cumulative GPA of 2.00.



# ■ CONTINUING EDUCATION

Expand your horizons with the School of Continuing Education! Build your career and gain personal fulfillment with a wide range of certificate programs, seminars and professional development courses. These non-credit offerings provide opportunities for workplace skills development, career enhancement and personal growth.

Course guides are available each year in July and December. Please call 403.356.4900 for your copy or visit [rdc.ab.ca/continuing-education](http://rdc.ab.ca/continuing-education) to learn more.

The School of Continuing Education provides training programs for lifelong learners wishing to upgrade their skills. Programs are responsive to the changing needs of businesses and industries and help individuals and organizations keep current in changing business environments. Programs are learner-centered and designed to be accessible, relevant, practical and convenient. The School of Continuing Education also provides testing services, conference and event services, and customized training services for groups and businesses that can be delivered in-house, on-campus or online.

## **Business and Industry Programs**

### **Industry and Trades Programs:**

- B-Pressure Testing
- Blue Seal Training
- CWB Testing
- Enform Training
- Master Electrician
- Occupational Health and Safety
- Power Engineering
- Pre-Employment Trades
- Transportation Safety Director

### **Business and Leadership Programs:**

- Advanced Management
- Human Resource Management
- Leadership Development
- Management Skills for Supervisors
- Non-Profit Management
- Online Certifications
- Project Management
- Supply Management

### **Computers and IT Programs:**

- Adobe Software Training
- Accounting and AutoCAD Training
- Customized Systems and Information Technology Training
- Digital Photography
- Google Docs Training
- Microsoft Windows and Office
- Online Certifications
- Social Media and E-marketing

## **Arts Programs**

The School of Continuing Education offers a variety of art courses, workshops and camps. Superb instructors, facilities and equipment provide exceptional learning opportunities for students of all ages and experience levels.

### **Visual and Performing Arts Programs:**

- Adult Concert Band Workshop
- Alberta Band Association Provincial Festival of Bands
- Conservatory of Music Lessons (group and private)
- The Nutcracker Ballet
- Series Summer Arts School (adults)
- Summer Camps (youth and teens)
- Symphonic Winds and Big Band

## **Fitness & Wellness Programs**

The central Alberta Be Fit For Life Centre is located in the heart of Red Deer College. The Be Fit For Life Centre supports and encourages healthy lifestyles throughout Central Alberta with fitness programs, services and activities such as:

- Adult Fitness Programs
- Community and School Programs
- Fitness Appraisals
- Fitness Leadership and Coaching Certification
- Nutrition Services
- P.A.R.E Testing
- Personal Training and Exercise Program Design
- Worksite Wellness Initiatives
- Youth Sports Programs

## Summer at RDC

At RDC, there is a CAMP for that – Music, Sport, Visual Art, Dance, Science, Film, Video Game Design, Trades, Animation and even Cooking! Red Deer College summer camps offer exceptional instructors, first-rate facilities and the chance for kids and teens to engage in new activities while creating lasting friendships.

### Cooking Camps:

- Junior Chefs on Campus

### Performing Art Camps:

- Adventures in Summer Music
- Animation Camp
- Artstrek Summer Theatre
- Game Design Camp
- MusiCamp Alberta
- Summer Ballet Intensive
- Teen Film Camp

### Science Camps:

- Astro Adventures
- Beyond Boundaries
- Early Minds & Activity
- Medi Camp
- Mini Astro
- Munchkins Techy
- Natural Sciences
- RoboGirls
- Science Discovery
- SCI Spy
- Techy & Robotics
- U Rock Girl
- Wacky Investigators

### Sport Camps:

- All Sport Camp
- Girls Adventure Trek
- Kings & Queens Basketball
- Kings & Queens Badminton
- Kings & Queens Soccer
- Kings & Queens Volleyball
- Mini Racquet
- Speed, Power & Agility
- Wacky Adventures

### Trades Camps:

- Trades Sampler
- Soapbox Racer

### Visual Art Camps:

- Series Summer Arts School (adults)
- SummerScapes

## General Interest

The School of Continuing Education also offers a variety of courses and programs for general interest and personal growth, including:

- Languages and Study Tours
- Health and Community Service
- Digital Photography

### Certificates and Training

Earn a certificate to jump-start or advance your career! The School of Continuing Education's certificate programs provide you with a critical tool kit for the most in-demand business areas today. Gain immediate hands-on knowledge, resume-boosting skills and personal fulfillment at an accredited post-secondary institution with instructors who are experts in their fields.

All certificate programs are reviewed on a regular basis to ensure they continue to meet the needs of learners and businesses through clear learning outcomes and flexible delivery.

#### Accounting:

- Payroll Compliance Practitioner
- Professional Bookkeeping

#### Business & Leadership:

- Advanced Management
- Customer Research
- Customer Service
- Human Resource Management
- Leadership Development
- Management Skills for Supervisors
- Non-Profit Management
- Project Management
- Supply Management

#### Computers & IT:

- Data Analysis
- Digital Photography

#### Health & Community Service:

- Alberta Senior Communities and Housing Association Activity Coordinator
- Alberta Senior Communities and Housing Association Site Manager

#### Industry & Trades

- Pre-Employment Trades
- Transportation Safety Director
- U of A Occupational Health & Safety

#### Marketing & Social Media

- eMarketing Essentials
- Managing Social Media Platforms
- Mobile Marketing
- Presentation Media
- Social Media for Business
- Video Marketing

#### Training & Education

- Online Teaching
- Teacher Adults

#### 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! Red Deer College is a leading provider of training solutions in central Alberta. The RDC Corporate Training team will work with your organization to assess your training needs, create a customized program and deliver training through one or a combination of the following:

- In-class at our state-of-the-art training centres
- On-site at your place of business
- Online accessible anytime, anywhere

RDC specializes in entry to mid-level leadership and managerial training, as well as the following staff development areas:

- Management Skills for Supervisors
- Project Management
- Accounting & Finance
- Executive & Leadership Coaching
- Computer & Microsoft Office Training
- Industry Training in 14 Trades Areas

### Testing Services

The Test Centre at RDC is an accredited exam writing facility that offers exam administration and supervision services for a variety of individuals, business, organizations and credentialing agencies. Exam supervision services can be scheduled for individuals or groups, with the fee dependent on the level of service required.

The Test Centre allows learners to complete testing requirements for post-secondary course work, employment training, professional accreditation or other purposes right here in Red Deer.

#### Services:

- Individual and group testing
- GED testing
- English Proficiency (CELP) testing
- MCAT (Medical College Admissions Testing)
- CWB & B-Pressure Welding Testing
- Online or paper exams
- Reasonable rates
- Flexible schedules

### Conference Services

Located in the heart of Central Alberta, Red Deer College is the premier destination for all your event and conference needs. The unique setting offers state-of-the-art venues that suit all your needs.

You can expect sophisticated facilities, world-class service, excellent food and beverage, cutting-edge equipment and second-to-none attention to detail.

RDC's Conference Services team offers professional support services, including assistance through all the planning stages, to make your event a resounding success.

#### You will receive:

- Assistance in booking the right space for your event
- Food and beverage coordination
- 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 206	name of the subject, often an abbreviation 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)	the instructor/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.

- Activities in the class are directed by the instructor OR
- 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, 1 hour 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 Corequisites

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 Corequisites 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.

## Academic Upgrading Courses

See page 199.

## Accounting

### 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) (3-0-0) 15 weeks

#### Cost Accounting

This course examines various costing methods and analytical tools used by management accountants to provide information and recommendations relevant to short-term and long-term decision making.

Prerequisite: ACCT 204 or consent of the Donald School of Business.

### ACCT 209-3 (BC=4) (3-0-1) 15 weeks

#### Intermediate Financial Accounting I

This course examines issues and problems related to GAAP for income determination and revenue recognition. International Financial Reporting Standards (IFRS) and Accounting standards for Private Enterprises (ASPE) relating to recognition, measurement, and financial statement presentation of assets are addressed. Prerequisites: ACCT 103 or 202 or consent of the Donald School of Business.

### ACCT 210-3 (BC=4) (3-0-1) 15 weeks

#### Intermediate Financial Accounting II

This course provides an in-depth analysis of accounting theory and principles related to the reporting of short-term and long-term liabilities, leases, pensions, corporate income taxes, shareholders' equity, complex financial instruments, earnings per share, the cash flow statement, and accounting changes and error analysis. International Financial Reporting Standards (IFRS) and Accounting Standards for Private Enterprises (ASPE) relating to recognition, measurement, and financial statement presentation of liabilities and equity are addressed.

Prerequisite: ACCT 209 or consent of the Donald School of Business.

### ACCT 214-3 (BC=3) (3-0-0) 15 weeks

#### Computer Accounting Applications

This course utilizes a hands-on approach to applying accounting knowledge through the use of pre-packaged accounting software. Students will use software modules to perform accounting cycle functions, including set-up and ongoing maintenance and prepare related financial reports.

Prerequisites: ACCT 102 or 202, BADM 210 or consent of the Donald School of Business.

### ACCT 305-3 (BC=4) (3-1-0) 15 weeks

#### Personal and Corporate Taxation

This course covers Canadian income tax laws affecting individuals and corporations. Topics include the computation of individual and corporate income tax, taxable income, taxes payable, corporate distributions, taxation of capital gains, and the preparation of corporate and personal tax returns.

Prerequisite: ACCT 210 or consent of the Donald School of Business.

**ACCT 306-3 (BC=4)****(3-1-0) 15 weeks****Auditing**

This course examines the role of the internal or external auditor in business and explores the legal and ethical environment of auditing. Emphasis is placed on methods and procedures used in auditing and reporting as they relate to specific financial statement areas such as assets, liabilities, equities, revenues, and expenses. Other topics covered include internal control, risk and materiality, the audit of fraud, and auditing in a computer environment. Prerequisite: ACCT 210 or consent of the Donald School of Business.

**ACCT 308-3 (BC=4)****(3-1-0) 15 weeks****Advanced Managerial Accounting**

This course examines advanced management accounting practices designed to help managers formulate and implement new strategies, motivate and evaluate organizational performance, and achieve operational excellence. This course emphasizes current management accounting practices within a variety of business environments using a case approach. These practices include the theory of constraints, activity-based management, cost-based decision making, and the balanced scorecard. Prerequisite: ACCT 205 or consent of the Donald School of Business.

**ACCT 310-3 (BC=4)****(3-1-0) 15 weeks****Advanced Financial Accounting**

This is a senior level course in financial accounting, which covers the following areas: intercompany investments, joint ventures, accounting for not-for-profit organizations, and translation of foreign currency transactions and financial statements. Prerequisite: ACCT 210 or consent of Donald School of Business.

## Administrative Professional

**APRO 100-3 (BC=3)****(3-0) 15 weeks****Information Processing**

Introduce computer concepts, systems, and terminology using Microsoft Windows and Word. Develop electronic file management and basic Word skills.

**APRO 101-3 (BC=3)****(3-0) 15 weeks****Spreadsheet Fundamentals**

Develop basic to intermediate skills in the operations of Microsoft Excel. Create and format worksheets and charts; write formulas; perform what-if analyses; and, use financial functions.

**APRO 102-3 (BC=3)****(3-0) 15 weeks****Computer Essentials**

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**

Develop keyboarding speed and accuracy through an emphasis on building skill using proper technique.

**APRO 111-3 (BC=3)****(3-0) 15 weeks****Document Processing II**

Further develop keyboarding speed and accuracy skills. Produce business correspondence, including using mail merge, sorting and selecting functions, 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**

Apply accounting principles in manual and automated environments and learn the fundamentals of accounting through hands-on experience.

**APRO 130-3 (BC=3)****(3-0) 15 weeks****Office Systems I**

Develop current office practices including records management, telephone calls, mail procedures, social media apps and 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 students in 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**

Develop interpersonal communication skills; practice oral presentation skills; application of professional skills; and, 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.

# 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 Department.

## **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.

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## 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 art professionals who are active in the visual art community. 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.

**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.

**ART 379-3 (BC=5)**  
**(4-2) 15 weeks**  
**Printmaking III**  
 Intaglio and relief printmaking. Includes etching, engraving, collograph, and colour printing.

**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 391-3 (BC=5)****(4-0-2) 15 weeks****Contemporary 2D Strategies and Technologies I**

A project based studio course introducing students to fundamental concepts, techniques and strategies, for two-dimensional contemporary art practices.

Course will address and consider new and developing technologies and media as well as traditional, contemporary, and experimental approaches to 2D artwork. Students will use digital, mechanical, and hand tools.

Prerequisite: ART 231 or ART 241.

Note: May include use of life models. Not eligible for challenge.

**ART 393-3 (BC=5)****(4-0-2) 15 weeks****Contemporary 2D Strategies and Technologies II**

A project based studio course introducing students to fundamental concepts, techniques and strategies, for two-dimensional contemporary art practices.

Course will address and consider new and developing technologies and media as well as traditional, contemporary, and experimental approaches to 2D artwork. Students will use digital, mechanical, and hand tools. Prerequisite: ART 391, ART 231 or ART 241.

Note: May include use of life models. 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.

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.

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.

Note: Not eligible for challenge.

**ART 453-3 (BC=5)****(4-2) 15 weeks****Painting**

ART 451 continued.

Prerequisite: ART 451.

Corequisite: 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.

Note: Not eligible for challenge.

**ART 463-3 (BC=5)****(4-2) 15 weeks****Ceramics**

ART 461 continued.

Prerequisite: ART 461.

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 and 379

Note: Not eligible for challenge.

**ART 479-3 (BC=5)****(4-2) 15 weeks****Printmaking - Relief Intaglio**

ART 475 continued.

Prerequisite: ART 375, 379.

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.

Note: Not eligible for challenge.

**ART 483-3 (BC=5)****(4-2) 15 weeks****Sculpture**

ART 481 continued.

Prerequisite: ART 481.

Note: Not eligible for challenge.

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**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.

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**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 regulation 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 251 or 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.

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## Biology

(See also Microbiology, Bacteriology, Botany, Genetics, Physiology, and Zoology.)

Note: Not all courses listed may be offered. Check Course Timetable for availability.

**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 function 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: biological 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)****(3-0-3) 15 weeks****Organisms in their Environment**

Examines the major lineage of life on Earth. Overview of evolutionary principles and classification, the history of life, and the key adaptations of prokaryotes, protists, fungi, plants, and animals. Laboratories survey the diversity of biological form and function, and introduce the students to data collection and scientific writing. Prerequisite: Biology 30. Note: BIOL 217 is not a prerequisite for BIOL 218. 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 Corequisite: CHEM 251 or 351.

**BIOL 317-3 (BC=4)****(3-0-3) 15 weeks****Molecular Genetics and Heredity**

Examine the chromosomal and molecular basis for the transmission and function of genes. The fundamental principles of heredity, including Mendelian laws, genetic recombination and mapping. Molecular basis of gene structure, organization, expression and regulation in prokaryotes and eukaryotes. Prerequisite: BIOL 217.

**BIOL 318-3 (BC=4)****(3-0-3) 15 weeks****Principles of Ecology**

The scientific study of interactions between organisms and their environment in a hierarchy of levels of organization: individuals, populations, communities, and ecosystems. Provides a comprehensive survey of general concepts that can stand alone or serve as preparation for advanced courses in ecology. Labs emphasize collection, analysis, and interpretation of data from ecological experiments and field studies. Prerequisite: BIOL 218.

**BIOL 399-1.5 (BC=2)****(0-0-1.5) 15 weeks****Biology Research Opportunity Program**

A biology research project, supervised by a faculty member in the department, which focuses on the development of skills in research methods through engagement in discussions of scientific research and experience in the research environment. Prerequisite: BIOL 217 or BIOL 218 and approval of the Department. Note: This course is credit/no credit. Note: Application does not guarantee a ROP position.

## 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.

**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.  
Corequisite: ACCT 202.  
Note: It is strongly recommended that student complete ACCT 202 before registering in BUS 310.  
Note: It is recommended that diploma students take FINS 150 prior to 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.

## Business Administration

Note: Not all courses listed may be offered.  
Check Course Timetable for availability.

**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 consumer. A consumer approach 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.

<b>BADM 204-3</b> (BC=3) <b>(3-0) 15 weeks</b> <b>Interpersonal Skills</b> 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.	<b>BADM 233-3</b> (BC=3) <b>(3-0) 15 weeks</b> <b>Web Development</b> 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.	<b>BADM 241-3</b> (BC=3) <b>(3-0) 15 weeks</b> <b>Marketing Communications</b> 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. Prerequisite: BADM 132.
<b>BADM 210-3</b> (BC=3) <b>(3-0-0) 15 weeks</b> <b>Business Technology I</b> 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.	<b>BADM 234-3</b> (BC=3) <b>(3-0) 15 weeks</b> <b>Web Design</b> 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.	<b>BADM 242-3</b> (BC=3) <b>(3-0) 15 weeks</b> <b>Marketing Research</b> 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.
<b>BADM 211-3</b> (BC=3) <b>(3-0-0) 15 weeks</b> <b>Management Information Systems</b> This course focuses on the role of information technology in an organization and its application to business problems. Techniques for designing, implementing and managing information systems are presented. Topics covered include hardware and software, file management, database organization, networking and telecommunications, systems development and design, flowcharting, system security, backup and recovery, and artificial intelligence. Completion of BADM 210 is recommended, or consent of the Donald School of Business.	<b>BADM 235-3</b> (BC=4) <b>(3-1) 15 weeks</b> <b>Applied Database Development</b> 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.	<b>BADM 243-3</b> (BC=3) <b>(3-0) 15 weeks</b> <b>Marketing Surveys</b> 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.
<b>BADM 232-3</b> (BC=3) <b>(3-0) 15 weeks</b> <b>Business Technology II</b> 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.	<b>BADM 238-3</b> (BC=4) <b>(3-1) 15 weeks</b> <b>Electronic Commerce</b> 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.	<b>BADM 247-3</b> (BC=3) <b>(3-0) 15 weeks</b> <b>Retail Management</b> 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.
	<b>BADM 240-3</b> (BC=3) <b>(3-0) 15 weeks</b> <b>Personal Selling</b> 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.	<b>BADM 249-3</b> (BC=3) <b>(3-0) 15 weeks</b> <b>Events Management</b> 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 254-3 (BC=3)****(3-0-0) 15 weeks****Organizational Learning and Development**

Provides students with the theoretical concepts as well as practical skills for assessing, designing and developing learning initiatives from a broader organizational and strategic perspective. Provides an overview to strategic learning and development, assessment of learning and development interventions, and assessment of individual and organizational performance.

Corequisite: BADM 281.

**BADM 256-3 (BC=3)****(3-0-0) 15 weeks****Compensation and Benefits**

Provides a comprehensive framework for the development of compensation strategy and compensation systems by organizations. Topics include job evaluation, compensation surveys, performance pay, stock and profit sharing plans, and employee benefits plans.

Corequisite: BADM 281.

**BADM 258-3 (BC=3)****(3-0-0) 15 weeks****Recruitment and Selection**

Design and implement strategic recruitment and selection initiatives. Analyze and develop job requirements, consider legal issues, and utilize effective hiring and training methods.

Corequisite: BADM 281.

**BADM 260-3 (BC=3)****(3-0) 15 weeks****Introduction to Corporate 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: FINS 150 and ACCT 102/103 or 202, or consent of the Donald School of Business.

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 Corequisite: BADM 260 or BUS 310.

Note: Not eligible for challenge or Advanced Standing.

**BADM 280-3 (BC=3)****(3-0) 15 weeks****Labour 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.

## 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 203-3 (BC=4)****(3-1S-3/2) 15 weeks****Introductory University Chemistry I**

The first introductory-level chemistry course that focusses on the foundations of atomic properties and chemical reactions. Topics include: stoichiometry, reactions and titrations, ideal gases, atomic structure and bonding, chemical equilibrium, and acids and bases.

Prerequisite: Chem 30 or equivalent, Math 30-1.

Corequisite: MATH 202 (203 or 212).

Note: For Engineering students.

**CHEM 205-3 (BC=4)****(3-1S-3/2) 15 weeks****Introductory University Chemistry II**

The second introductory-level chemistry course that further expands upon the foundations of various chemical reactions and systems by discussing their equilibrium and reaction rates. Topics include: buffers, titration curves, solubility and complex ion equilibria, thermodynamics and thermochemistry, chemical kinetics, and electrochemistry.

Prerequisite: CHEM 203.

Corequisite: MATH 204 or 213.

Note: For Engineering students only.

**CHEM 211-3 (BC=4)****(3-1S-3) 15 weeks****Introductory University Chemistry I**

The first introductory-level chemistry course that focusses on the foundations of atomic properties and chemical reactions. Topics include: stoichiometry, reactions and titrations, ideal gases, atomic structure and bonding, chemical equilibrium, and acids and bases.

Prerequisite: Chem 30 and Math 30-1.

**CHEM 212-3 (BC=4)****(3-1S-3) 15 weeks****Introductory University Chemistry II**

The second introductory-level chemistry course that further expands upon the foundations of various chemical reactions and systems by discussing their equilibrium and reaction rates. Topics include: buffers, titration curves, solubility and complex ion equilibria, thermodynamics and thermochemistry, chemical kinetics, and electrochemistry.

Prerequisite: CHEM 211.

**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 311-3 (BC=4)****(3-0-4) 15 weeks****Quantitative Analysis I**

Principles, methods, and experimental applications. Solution I 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 311 continued. 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.

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## 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.

## Communications

Students may 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.

**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)****(3-0-0) 15 weeks****Introduction to Communications Studies**

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 or equivalent, or enrollment in MSPC program. 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 313-3 (BC=3)****(3-0-0) 15 weeks****Research Methods**

Introduction to academic and practical communication research methods. Critically examine and practice basic application of qualitative and quantitative methods. Examine how research methods relate to theoretical approaches of communication and knowledge production. Ethical implications of research methods will be considered.

**COMM 341-3 (BC=3)****(3-0-0) 15 weeks****New Media, Technology, and Society**

Study 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, or enrollment in MSPC program

**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 363-3 (BC=3)****(3-0-0) 15 weeks****Professional and Technical Communication**

Introduction to the principles and practice of professional and technical communication, using various written media. Examine how organizational culture and audience expectations shape communication in workplace contexts and plan, prepare and deliver professional and technical information in support of an organization's communications goals.

**COMM 369-3 (BC=3)****(3-0-0) 15 weeks****Classical Persuasion**

Understand how the ideas of Aristotle and other theorists apply to communication 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: COMM 271

**COMM 371-3 (BC=3)****(3-0-0) 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 changes lives, what makes a book or TV show a success, what forces affect the images, and what makes Canadian media unique. Prerequisite: COMM 271

**COMM 375-3 (BC=3)****(3-0-0) 15 weeks****Mass Communication in Canada**

Examine the role of mass media in Canadian society including television, newspapers, magazines, film, books, and new technologies. Focus on the historical development, policies, financial issues, and audience reception of media in Canada. Consider the role of mass media in a global context and in relation to the United States. Prerequisite: ELA 30-1 or equivalent, or enrollment in MSPC program.

**COMM 381-3 (BC=3)****(3-0-0) 15 weeks****History of Communication**

Overview of the development of major communication systems throughout history, together with the historical and social contexts in which they occurred and changed. Focus on technological advancements and theoretical understanding of how advancements have shaped and reflected society and individuals. Consider theoretical perspectives on the role of communication in history.

Prerequisite: ELA 30-1 or equivalent, or enrollment in MSPC program

**COMM 383-3 (BC=3)****(3-0-0) 15 weeks****Introduction to Public Relations**

Introduction to the theory and practice of Public Relations, with focus on the Canadian context. Consider the history and development of public relations, various professional roles and occupations in public relations, and key theories.

Prepare public relations tools such as press releases, backgrounders, press kits, PR plans and speeches. Prerequisite: ELA 30-1 or equivalent, or enrollment in MSPC program

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## Computing Science

Note: Not all courses listed may be offered. Check Course Timetable for availability.

**CMPT 170-3\* (BC=3)****(3-1-0) 15 weeks****Microcomputer Applications**

Introduce computers, together with word processing applications, spreadsheet applications and educational technologies. This course will provide a basic foundation of computer literacy for the Educational Assistant field, delivered in a self-directed format with supporting seminar.

**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).

Corequisite: 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=3)****(3-0-3) 15 weeks****Introduction to Computing**

Introduce computers and strengthen research skills, computer theory concepts and use of word processing, spreadsheet and presentation applications. This course will provide a comprehensive foundation of computer literacy in support of university-level study. Delivered in a self-directed format with optional face-to-face support.

**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.

Corequisite: CMPT 215.

**CMPT 351-3 (BC=4)****(3-3) 15 weeks****Elements of Programming I**

Basic programming techniques using a high level language. Representing and manipulating numeric and non-numeric data. Computing systems, history, and uses. (C++ language)

Note: You cannot have credit in both CMPT 214 and 351.

Prerequisite: Math 30.

**CMPT 360-3 (BC=4)****(3-3) 15 weeks****Introduction to Object-Oriented Programming**

Theory and practical application of object-oriented programming. Graphical interfaces. Object-oriented approach to program design and programming techniques, language translators, and virtual machines.

Prerequisite: Consent of the Department

## Dance

See listings under "Kinesiology & Sports Studies," page 164.

## 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 Associate Dean). 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 quality 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 and seventh courses. Program consent 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. This course may satisfy requirements for EDAS 114.

**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. This course will satisfy requirements for EDAS 116.

**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" approach. 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 Associate Dean 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 Associate Dean.

This course is open to unclassified students.

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 Associate Dean.

Prerequisite: ELCC 321 recommended. ELCC Certificate or consent of Associate Dean.

**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 Associate Dean. 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 Associate Dean 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 Associate Dean.

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 Associate Dean.

**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 Associate Dean.

**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 Associate Dean.

**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 Associate Dean.

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 Associate Dean 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 Associate Dean.

**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 Associate Dean.

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 Associate Dean.

## Earth and Atmospheric Sciences

**EAAS 201-3 (BC=4)****(3-0-3) 15 weeks****Planet Earth**

An introduction to the origin and evolution of the Earth in terms of its major systems: rock materials, atmosphere/climate, hydrology, oceans, ice, life and human interactions

## 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.

Note: Not to be taken if credit received for ECON 325 or 327.

**ECON 325-3 (BC=3)****(3-0-0) 15 weeks****International Trade**

This course examines international trade theory, policy and applications. Topics include a brief history of trade, absolute and comparative advantage basis for trade, the Heckscher-Ohlin theory, trade with economies of scale, tariffs, non-tariff trade barriers, political economy of non-tariff barriers, strategic trade policies, trade agreements, role of the World Trade Organization (WTO) and developing economies' trade policies. The course emphasizes current applications, policy development, as well as the institutional framework underlying the interaction between nations.

Prerequisite: ECON 100 and 101 or ECON 201 and 202 or consent of the Donald School of Business.

Note: Not to be taken if credit received in ECON 323.

**ECON 327-3 (BC=3)****(3-0-0) 15 weeks****International Money and Finance**

This course examines international monetary theory, policy and applications. Topics include: balance of payments, the role of money and relative interest rates, exchange rate models/regimes and their effect on price levels and output, international investment and global capital markets, currency crises, the international financial architecture, including the role of the World Bank and the International Monetary Fund (IMF). This course emphasizes current applications, policy development, as well as the institutional framework underlying the interaction between nations.

Prerequisite: ECON 100 and 101 or ECON 201 and 202 or consent of the Donald School of Business.

Note: Not to be taken if credit received for ECON 323.

**ECON 329-3 (BC=3)****(3-0-0) 15 weeks****Economics of the Public Sector**

This course examines the institutions behind, and the economic rationale for, Canadian government policy relating to public expenditures and taxation. Topics include public goods; externalities; public expenditure theory and policy; tax and user price theory and policy; and social welfare and social insurance.

Prerequisite: ECON 100 and 101 or ECON 201 and 202 or consent of the Donald School of Business.

**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.

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## Education

(These courses are intended for Education students.)

**EDCM 341-3 (BC=3)****(3-0) 15 weeks****Communication in the Classroom**

By focusing 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.

**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.

**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.

**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.

**EDPY 305-3 (BC=3)****(3-0) 15 weeks****Childhood Development and Learning**

Application of theory to educational practice and how teachers can provide appropriate learning opportunities that support diverse children's educational, physical, cognitive, social, cultural, moral, and psychological development. Topics will include human development and learning. This course would be of interest to students intending to work with children (ages 0-12).

Note: Credit cannot be received for both EDPY 305 and EDPY 200.

**EDPY 307-3 (BC=3)****(3-0) 15 weeks****Adolescent Development and Learning**

Application of developmental theory to educational practices through examination of biological and cognitive changes, their influence on social roles, individual differences, current problems, and supports for resiliency. Students reflect on how adolescent development impacts them as teachers. This course is for students intending to work with adolescents (ages 11-17).

Note: Credit cannot be received for both EDPY 307 and EDPY 200.

**EDUC 250-3 (BC=3)****(3-0) 15 weeks****The Contexts of Education**

Introduction to education with an emphasis on exploring being a teacher in contemporary society through different contexts and perspectives: historical, sociological, philosophical, Indigenous, political, and ethical. Recommend completion within first year of the program.

Note: Credit cannot be received for both EDFX 203 and EDUC 250.

**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 understand the implications of this knowledge to professional roles and obligations for teachers. Students will engage 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, identity, and politics.

Prerequisites: One of EDCM 341, EDFN 341, EDFX 203, EDIT 302, EDPY 200, EDUC 250, FAM 322, or FAM 315.

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## 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, Alberta 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 weeks. Includes a seminar component. Scheduled after all coursework is complete. This course may satisfy requirements for ELCC 210.

Prerequisite: All compulsory coursework.

**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 paraprofessional. This course will satisfy requirements for ELCC 213.

**EDAS 151-3 (BC=3)****(3-0) 15 weeks****Trends in Inclusive Practice**

Attitudes toward and services provided to persons with disabilities throughout history. Current trends and issues in inclusive education. Laws relating to persons with disabilities in the U.S., Canada, and Alberta in particular.

**EDAS 152-3 (BC=3)****(3-0) 15 weeks****Supporting Diverse Learners**

This course examines definitions, classification schemes, prevalence, causes, psychological and behavioural characteristics, and introduces educational considerations covering a diverse range of learning needs. This course will satisfy requirements for ELCC 206.

**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 foster positive behaviour change in the classroom. Prerequisite: EDAS 151 and EDAS 111. Corequisite: EDAS 152 or consent of the Associate Dean.

**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 Associate Dean.

**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 Associate Dean.

**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 Associate Dean.

**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 Associate Dean.

**EDAS 160-3 (BC=3)****(3-0) 15 weeks****Supporting Students in Literacy**

Effective teaching strategies for literacy. 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****Supporting Students in Numeracy**

Numeracy concepts taught at the elementary and junior high school levels. Effective teaching techniques and learning activities to improve children's understanding of numeracy in an educational setting.



**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 the Associate Dean.

**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 the Associate Dean.

**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 the Associate Dean.

**EDAS 166-1 (BC=1)****(3-0) 5 weeks****Autism with Intellectual Disability**

Explore the characteristics of Autism Spectrum Disorder (ASD) with an intellectual disability. Emphasis on learning strategies for use in the classroom and other inclusive settings. Communication, social and behavioural strategies will also be explored.

**EDAS 167-1 (BC=1)****(3-0) 5 weeks****Autism without Intellectual Disability**

Explore the unique characteristics of Autism Spectrum Disorder (ASD) without intellectual disability. Emphasis on social strategies for use in the classroom and other inclusive settings. Communication and behavioural strategies will also be explored.

**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 Syndrome. 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 the Associate Dean.

**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/Corequisites: EDAS 161 and EDAS 152.

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## Electrical Engineering Technology

Note: EET courses are open to Engineering Technology students only.

**EET 107-3 (BC=4)****(3-0-2/2) 15 weeks****Semiconductor Electronics**

Introduction to semiconductor components and circuits. Topics include semiconductor builds, diode circuit analysis and applications, BJT and FET transistor biasing, analysis and amplifiers, introduction to operational amplifiers.

Prerequisite: GET 103.

Corequisite: EET 123.

**EET 113-3 (BC=4)****(3-0-2/2) 15 weeks****Power Electronics**

Introduction to power electronics devices, systems and control. DC and AC power conversion techniques and analysis. Power control applications associated with motor drives and other dynamic loads.

Corequisite: EET 107, EET 115.

**EET 115-3 (BC=4)****(3-0-2/2) 15 weeks****DC Machines**

Explore the physical laws underlying the operation of direct current motors and generators. DC motor construction, characteristics, control, and applications. Construct circuits using actual machines in the lab to examine their operations.

Prerequisite: GET 103, GET 111.

Corequisite: EET 113.

**EET 117-3 (BC=3)****(3-0-0) 15 weeks****Emerging Technologies**

Examination of emerging technologies in the electrical, electronic and instrumentation fields. Topics may include alternative energy sources, energy storage systems, and/or other emerging applications.

**EET 123-4 (BC=5)****(4-0-2/2) 15 weeks****Circuit Analysis**

Analyze the response of electrical circuits and networks when driven by single and multiple sources.

Prerequisites: GET 103, GET 111.

Corequisites: EET 107, GET 112.

**EET 200-3 (BC=4)****(3-0-2/2) 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.

Prerequisites: EET 115, EET 123.

Corequisite: EET 210.

**EET 203-3 (BC=4)****(3-0-2/2) 15 weeks****Control Systems**

Examine the principles and practices used in the design of process or motion control systems. Topics include open and closed loop behavior, modeling of physical systems, transfer functions, static and dynamic response, stability and frequency response.

Prerequisite: GET 101, GET 112, EET 123.

**EET 205-2 (BC=3)****(2-0-3/2) 15 weeks****Programmable Controllers**

Examine the roles, functions, hardware, software, programming, and interfacing of Programmable Controllers in a production environment. Learn about digital logic concepts, ladder logic and Function Block Diagram programming.

Prerequisites: EET 123, GET 114.

Corequisite: EET 203.

**EET 207-3 (BC=4)****(3-0-3/2) 15 weeks****Electromechanical Systems**

Examine industrial applications of electromechanical systems. Industrial motor, power transmission, feedback transducer, drive, and controller applications. Use Variable Frequency Drives (VFDs) and Servo Drives to control electric motors.

Prerequisite: EET 200

Corequisite: EET 235

**EET 210-3 (BC=4)****(3-0-2/2) 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 115 and EET 123.

Corequisites: EET 200.

**EET 214-4 (BC=4)****(3-0-3) 15 weeks****Microcontroller Interfacing**

Develop digital and analog circuits to interface microcontrollers with peripheral devices. Write firmware for data acquisition and robotic control.

Prerequisite: Term two course completion or consent of Associate Dean.

**EET 228-3 (BC=4)****(3-0-2/2) 15 weeks****Electrical System Design**

Design electrical systems for small industrial and commercial buildings; size and specify electrical service, feeders, and overcurrent protection based on Canadian Electrical Code. Apply computer aided design to produce electrical drawings.

Prerequisite: EET 210, GET 106.

**EET 230-3 (BC=4)****(3-0-3/2) 15 weeks****SCADA and HMI**

Learn about the main concepts, communication protocols, software, hardware, and interface technology used in remote monitoring, data collection, and control of industrial processes. Implement interactive Human-Machine Interface (HMI) screens.

Prerequisite: EET 205

Corequisite: EET 235

**EET 233-3 (BC=3)****(2-0-2) 15 weeks****Electrical Failure Analysis**

Apply the principles of troubleshooting and failure analysis to electrical and electronic devices.

Prerequisite: Term three course completion or consent of Associate Dean.

**EET 235-3 (BC=4)****(3-0-3/2) 15 weeks****Industrial Networks**

Study the characteristics, components, and processes of typical control systems' networks. Establish communication and control links between sensors, actuators, controllers, drives, and other industrial devices in an industrial network.

Prerequisites: EET 205.

Corequisite: EET 230.

**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 260-3 (BC=3)****(3-0-0) 15 weeks****Capstone Project**

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. Concluding oral presentation to an industry audience.

Prerequisite: Term three course completion or consent of Associate Dean.

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## 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 217-3** (BC=4)  
(3-1-2) 15 weeks

**Engineering Design and Communication**

Introduction to the fundamentals of engineering design, communications and projects management. Students will learn technical drawing and apply the design principles in team-based design projects.

**ENGG 220-3** (BC=4)  
(3-1-3) 15 weeks

**Electrical Circuits and Machines**

Introduction to the fundamentals of electrical circuits and machines. Topics include voltage and power; Kirchhoff's current and voltage laws; electricity and magnetism fundamentals applied to circuit elements and machines; electrical systems and instrumentation; circuit design, DC and AC circuit analysis methods; DC and AC machines; first order circuits and transient analysis.

**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.

Corequisite: MATH 212.

Note: Open to Engineering students only.

**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.

**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 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.

**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 354-3 (BC=3)****(3-0-0) 15 weeks****Topic in Non-Fiction Writing**

This course will develop and strengthen writing skills for specific rhetorical situations and discourse communities. The course topic varies each year but may include: writing about writing, digital writing, or science writing. The course will expand students' ability to write in various genres and for different audiences.

Prerequisites: 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 359-3 (BC=3)****(3-0-0) 15 weeks****Young Adult Literature**

Introduction to the history of young adult fiction from its origins to the present. Examine the emergence of young adult literature as a stage distinct from that of child literature; explore issues of gender and ethnicity; and, consider the appeal of this genre to adults.

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 traditionally 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 approaches to women'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 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.

**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.

**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.

## Finance

Note: Not all courses listed may be offered. Check Course Timetable for availability.

**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 Corequisite: 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.

Corequisite: 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.

Prerequisite: FINS 150.

**FINS 287-4 (BC=4)****(4-0) 15 weeks****Advanced Financial Planning**

Integrates the knowledge and skills gained in the core curriculum of the major in Financial Services. Students will apply their skills and knowledge in the development of a comprehensive financial plan, as well as, other integrative activities throughout the course.

Prerequisites: FINS 250 and 251 or permission of the 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.

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## 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.

Note: French Immersion students or students with French 30 should not register in FREN 101/102.

**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.

Note: French Immersion students or students with French 30 should not register in FREN 101/102.

**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, Français 30 or equivalent.

Note: Students presenting French Language Arts 30 or Français 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.

**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

Note: GET courses are open to Engineering Technology students only.

**GET 101-4 (BC=4)****(3-0-2) 15 weeks****Introduction to Instrumentation**

Introduces students to basic instrumentation and measurement systems & components.

**GET 103-3 (BC=4)****(3-0-2/2) 15 weeks****Technology Physics**

Explore multi-dimensional engineering problems in kinematics, Newton's laws, circular motion, torque, electromagnetic and mechanical waves, conservation laws and steady state linear circuits.

**GET 106-3 (BC=3)****(2-0-2) 15 weeks****Engineering CAD**

Learn the graphical language of drafting using free-hand sketching and 2D CAD. Creating objects in orthographic, isometric, and sections views. Principles of component identification and documentation.

**GET 108-2 (BC=2)****(2-0-0) 15 weeks****Project Management**

Explore the project management process: the role of the project manager; how projects help organizations achieve their objectives; organizational structure of projects. Use project management software.

**GET 111-3 (BC=5)****(3-1-1) 15 weeks****Engineering Mathematics**

Apply the fundamental principles of algebra, geometry, trigonometry, nonlinear equations, matrices, determinants and differential calculus to engineering related problems.

**GET 112-3 (BC=5)****(3-1-1) 15 weeks****Advanced Engineering Mathematics**

Extend the understanding of calculus to include integration techniques and applications, differential equations, Maclaurin and trigonometric Fourier series, Laplace transforms and inverse Laplace transforms.

Prerequisite: GET 111.

**GET 114-2 (BC=4)****(2-1-1) 15 weeks****Computer Programming**

Develop structured C/C++ programming skills involving decision and loop structures, functions, arrays and pointers, code libraries, and debugging methods. Strong emphasis on algorithm planning, program design, code documentation.

**GET 116-2 (BC=3)****(2-0-2/2) 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 an expert manner.

**GET 202-2 (BC=3)****(2-0-1) 15 weeks****Engineering Statistics**

Apply concepts and techniques of statistical theory to process control, quality assurance, data collection, summarization, and presentation.

**GET 204-2 (BC=2)****(2-0-0) 15 weeks****Professional Practice**

Prepare for field work experience and practice intrapersonal skills for career success.

Prerequisite: Term three course completion or consent of Associate Dean.



## Genetics

### GENE 370-3 (BC=3)

*(3-0) 15 weeks*

#### Foundations of Molecular Genetics

Examine the organization and expression of genetic material in bacteria and viruses based on classic experiments and molecular mechanisms. Topics include fertility, genetic fine structure, mutagenesis, DNA repair, DNA replication, recombination 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=2)

*(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=2)

*(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 affected the country's history 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 transnationalism, 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, supervised 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, 146, 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.

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## Health Sciences

**HSCI 100-3 (BC=3)****(3-0-0) 15 weeks****Health Sciences I**

Introduction to concepts of health and wellness and exploration of the roles of a variety of health professionals. Explore and apply study, learning, and self-care skills.

**HSCI 101-3 (BC=3)****(3-0-0) 15 weeks****Health Sciences II**

Exploration of ethical, cultural, and legal influences affecting practice of health care professionals. Increase student understanding of health and wellness and Canadian health system. Discuss professional skills and attributes essential for quality care of diverse populations in health care professions. Assist students to determine a personal pathway for further study.

Prerequisite: HSCI 100 Introduction to Health Sciences I

**HSCI 105-3 (BC=3)****(3-0-0) 15 weeks****Personal Health and Wellness**

An introduction to the concepts of health, wellness, and fitness from a personal perspective. Theory and practical strategies are introduced and practiced to empower the student in developing a healthy active lifestyle.

**HSCI 110-3 (BC=3)****(3-0-0) 15 weeks****Mathematics for Health Professions I**

Through the study of mathematics, students learn skills in reasoning, logic, critical thinking and problem solving that are necessary for success in the health sciences. Topics include numeracy, rational numbers, algebra, solving equations, estimation, logical reasoning, and problem solving.

**HSCI 111-3 (BC=3)****(3-0-0) 15 weeks****Mathematics for Health Professions II**

Further develop critical thinking, problem-solving and decision making skills required for success in healthcare professions. Explore topics including algebra, solving equations, rational and irrational numbers, statistics, probability, set theory, and problem solving. Prerequisite: HSCI 110 Mathematics for Health Professions I

**HSCI 115-3 (BC=3)****(3-0-0) 15 weeks****Biology for Health Professions**

Explore human biology and genetics on microscopic and macroscopic levels. Gain an understanding of human biology and how cells, as the basic unit of structure, function in the body. Relate the organization of cells, tissues, organs, and systems to homeostasis.

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## 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 may 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 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 century. 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 astronomy, Isaac Newton's religion beliefs, Darwinian 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 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 357-3 (BC=3)****(3-0-0) 15 weeks****Gender and Sexuality in History**

Explore the history of the West through the lens of gender and sexuality. Issues include the social construction of gender and sexuality, their economic, class, ethnic, religious, and political dimensions, as well as how these themes influence the writing of history.

Prerequisites: 3 credits in HIST or consent of the department.

**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.

## Human Resource Management

**HRM 505-3 (BC=3)****(3-0-0) 15 weeks****Introduction to Human Resources Management**

Develop a foundational understanding of Human Resources Management and its contribution to the organization in meeting strategic goals and objectives. HR issues, policies, procedures and practices related to all HR functions will be examined.

**HRM 510-3 (BC=3)****(3-0-0) 15 weeks****Workforce Planning and Talent Management**

Introduction to workforce planning and talent management as critical elements of an effective human resources management strategy. Focus on the strategic value of designing, implementing, and evaluating evidence-based workforce planning and talent management.

Prerequisite: HRM 405

**HRM 515-3 (BC=3)****(3-0-0) 15 weeks****Recruitment and Selection**

Develop an understanding of the recruitment and selection process and its importance to strategic Workforce Planning. Emphasis will be placed on the various aspects influencing recruitment as well as ways to minimize errors in employment selection in order to increase an organization's competitive position.

Prerequisite: HRM 405

**HRM 520-3 (BC=3)****(3-0-0) 15 weeks****Learning and Development**

Gain practical skills to strategically develop an organization's employees by: identifying employee learning needs, developing appropriate programs, and assessing overall effectiveness. Analyze the modern workplace as a learning environment with its associated challenges.

Prerequisite: HRM 405

**HRM 525-3 (BC=3)****(3-0-0) 15 weeks****Total Rewards**

Apply frameworks and practical approaches to design, implement and evaluate a total rewards system. Total rewards techniques and considerations to evaluate and balance the strategic goals of the organization with employee needs.

Prerequisite: HRM 405

**HRM 530-3 (BC=3)****(3-0-0) 15 weeks****Organizational Behaviour**

Develop an understanding of management concepts, theories of leadership and the impacts of rapid change in an organization. Emphasis is on how organizational success ultimately depends on individual motivational levels, personalities, values, teams, and how the manager effectively plans, leads and manages change to improve performance and commitment.

Prerequisite: HRM 405

**HRM 535-3 (BC=3)****(3-0-0) 15 weeks****Employee and Labour Relations**

Explore the intricate balance of management rights and employee needs and the impact of society and politics in that relationship. Consider the influence of unions and how their presence impacts the employer-employee relationship.

Prerequisite: HRM 405

**HRM 540-3 (BC=3)****(3-0-0) 15 weeks****Occupational Health and Safety in the Workplace**

Develop knowledge of occupational health and safety legislation, issues and programs. Review strategies and techniques used by HR professionals to become actively involved in health and safety in the workplace: hazard assessments and controls, WHMIS, ergonomics, emergency response planning, incident investigation and promoting health and wellness in the workplace.

Prerequisite: HRM 405

**HRM 545-3 (BC=3)****(3-0-0) 15 weeks****Accounting and Finance for Human Resources Management**

Apply conceptual foundations of financial and management accounting to demonstrate how financial information is used in forecasting, budgeting, management and measurement of business operations.

Prerequisite: HRM 405

**HRM 550-3 (BC=3)****(3-0-0) 15 weeks****Employee Engagement**

Examine employee engagement as an organization-wide strategy that impacts achievement of mission-related goals, productivity and profitability. Consider factors that positively and negatively influence employee engagement. Identify the role of senior leadership, human resources, supervisors and employees in shaping an engaged workforce.

Prerequisite: HRM 405

**HRM 555-3 (BC=3)****(3-0-0) 15 weeks****Capstone**

Apply the knowledge and skills developed throughout the HR Graduate Certificate program to develop a comprehensive HR plan for an organization. Analyze the business issues and requirements of the organization. Present recommended solutions and provide rationale to resolve the business issues, drawing from relevant theory and research.

Prerequisite: Successful completion of all previous courses in Certificate

**HRM 560-1 (BC=1)****(0-1-1) (12 hours) 1 week****Applications in HR I**

Integrate and demonstrate knowledge from various human resources functional areas in a face-to-face setting. Build professional network with fellow students, faculty and industry representatives. Gain practical insights on the implementation of human resources.

Prerequisite: HRM 405

**HRM 561-1 (BC=1)****(0-1-1) (12 hours) 1 week****Applications in HR II**

Integrate and demonstrate knowledge from various human resources functional areas in a face-to-face setting. Build professional network with fellow students, faculty and industry representatives. Gain practical insights on the implementation of human resources.

Prerequisite: HRM 410, 415, 420, 425, 460

**HRM 562-1 (BC=1)****(0-1-1) (12 hours) 1 week****Applications in HR III**

Integrate and demonstrate knowledge from various human resources functional areas in a face-to-face setting. Build professional network with fellow students, faculty and industry representatives. Gain practical insights on the implementation of human resources.

Prerequisite: HRM 430, 435, 440, 461

**HRM 563-1 (BC=1)****(0-1-1) (12 hours) 1 week****Applications in HR IV**

Integrate and demonstrate knowledge from various human resources functional areas in a face-to-face setting. Build professional network with fellow students, faculty and industry representatives. Gain practical insights on the implementation of human resources.

Prerequisite: HRM 455

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## Indigenous Studies

**INDS 205-3 (BC=3)****(3-0-0) 15 weeks****Indigenous Peoples in Canada**

Introduction to the historical and contemporary contexts and experiences of Indigenous Peoples in Canada with specific focus on Alberta. Introduction to the way Indigenous languages shape understanding and experiences. Introduces colonialism, cultural and political re-emergence, Indigenous and Non-Indigenous relations, and reconciliation.

# Instrumentation Engineering Technology

Note: IET courses are open to Engineering Technology students only.

## IET 105-3 (BC=4)

*(3-0-2/2) 15 weeks*

### Programmable Controllers

Examine the roles, functions, hardware, software, programming, and interfacing of programmable controllers in a production environment. Learn about digital logic concepts and PLC ladder logic. Write basic programs and create program documentation.

Prerequisite: GET 114.

## IET 115-3 (BC=4)

*(3-0-2/2) 15 weeks*

### Process Measurements I

Recognize the concepts necessary to perform work in hazardous areas. Describe the operation of pneumatic instrumentation devices. Analyze problems associated with instrument loops and pressure and level instruments.

Prerequisite: GET 101.

## IET 120-3 (BC=4)

*(3-0-2/2) 15 weeks*

### Process Control I

Learn basic concepts of industrial process control. Identify equipment in a process control loop, methods used to achieve process control, fundamental control algorithms.

Prerequisite: GET 101.

## IET 125-3 (BC=4)

*(3-0-2/2) 15 weeks*

### Process Operations

Explore process equipment used in chemical plants, petrochemical plants, and pulp mills with regard to basic operation and design.

Prerequisite: GET 101.

## IET 130-3 (BC=3)

*(3-0-0) 15 weeks*

### Industrial Chemistry

Inorganic and organic chemistry concepts and principles related to industrial chemistry.

## IET 205-3 (BC=4)

*(3-0-2/2) 15 weeks*

### Data Networking

In-depth coverage of networking technologies, topologies, and protocols common to industrial networks.

Prerequisite: GET 101.

## IET 210-3 (BC=4)

*(3-0-2/2) 15 weeks*

### Industrial Information Systems

Examine network architectures and technologies associated with the acquisition and management of industrial data. Introduction to open-protocol data transport and geographical information systems.

Prerequisite: IET 205

## IET 215-3 (BC=4)

*(3-0-2/2) 15 weeks*

### Process Measurements II

Explore pressure level and temperature measurement methods, including calibration of transmitters and how measurement signals are generated. Learn related terminology and formulas.

Prerequisite: GET 101

## IET 216-3 (BC=4)

*(3-0-2/2) 15 weeks*

### Process Measurements III

Troubleshoot, commission, install and maintain instruments for flow, density, and storage vessel measurement.

Prerequisite: IET 115, IET 215

## IET 220-3 (BC=4)

*(3-0-2/2) 15 weeks*

### Process Control II

Explain fundamentals of process loop control and tuning. Techniques to address different types of process disturbances, stability issues and the protection of equipment and personnel.

Prerequisite: IET 120.

## IET 221-3 (BC=4)

*(3-0-2/2) 15 weeks*

### Process Control III

Design and implement advanced control strategies to deal with excessive process disturbances and complex industrial processes.

Prerequisite: IET 220.

## IET 225-3 (BC=4)

*(3-0-2/2) 15 weeks*

### Analyzers I

Examine the fundamentals of operating, troubleshooting and commissioning of liquid and gas analytical instruments.

Prerequisites: IET 130, 115, 215

## IET 226-3 (BC=4)

*(3-0-2/2) 15 weeks*

### Analyzers II

Assess, calibrate, and validate industrial analyzers used for air quality, moisture, stack emissions, sampling systems, vibration, and composition of a process stream.

Prerequisites: IET 225, GET 202.

## IET 228-3 (BC=4)

*(3-0-2/2) 15 weeks*

### Electric & Fluid Power Systems

Fundamental theory, analysis, and application of common instrumentation-based electrical circuits. Operational theory and application of fluid power control systems.

Prerequisite: GET 101, GET 103

## IET 230-3 (BC=4)

*(3-0-2/2) 15 weeks*

### Instrumentation Systems

Design, select and size instruments and valves for an industrial project. Illustrate project management techniques, in a team, to create an instrumentation engineering package.

Prerequisite: IET 216

## IET 235-3 (BC=4)

*(3-0-2/2) 15 weeks*

### Reliability Based Maintenance

Apply the principles and practices of reliability-centred maintenance. Identification of safety practices and standards, planning for routine, one-time, and systems change management, application of failure detection, analysis, and prevention.

Prerequisites: IET 125, IET 130, IET 216, GET 202

**IET 240-3 (BC=3)****(3-0-0) 15 weeks****Capstone Project**

Researching and compiling a technical report on a topic that will incorporate the skill set of an Instrumentation Engineering Technology graduate. Progress reports occur at regular intervals. Concluding oral presentation to an industry audience.

Prerequisites: IET 228, 216, 220

Corequisites: IET 221, 230, 226, 210

**IET 245-3 (BC=4)****(3-0-2/2) 15 weeks****SCADA and HMI**

Learn about the main concepts, communication protocols, software, hardware, and interface technology used in remote monitoring, data collection, and control of industrial processes. Implement interactive Human-Machine Interface screens.

Prerequisite: IET 105

Corequisite: IET 205

## 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.

**GNE 1102-3 (BC=3)****(3-0) 15 weeks****Controversies in Science**

Introduction to scientific and mathematical knowledge and its 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.

Note: This is an MRU course offered to MRU BBA students only.

**GNE 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.

Note: This is an MRU course offered to MRU BBA students only.

**GNE 1301-3 (BC=3)****(3-0) 15 weeks****Citizenship Without Borders**

Students will gain a broad overview and understanding of issues related to global interaction and global interconnectedness. The complex concept of "globalization" will be analyzed through interdisciplinary perspectives and students will be encouraged, through debating key issues, to be active global citizens. Instructors may approach the course through the use of specific thematic structures.

Note: This is an MRU course offered to MRU BBA students only.

**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****Intersections of Global Health**

Utilize a variety of interdisciplinary/interprofessional/intersectoral perspectives to explore major global health trends, issues and contributing factors as well as sustainable strategies/solutions that work toward the promotion of global health.

Prerequisite: Any 200 level course or consent from 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.

**INTP 102-4 (BC=4)****(4-0-0) 15 weeks****Healthcare Anatomy and 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.

Note: Pre-Health Sciences Certificate students must have successfully completed HSCI 115 prior to taking this course.

**INTP 104-3 (BC=3)****(2-0-2) 15 weeks****Healthcare Communication I**

Develop verbal and non-verbal communication and active listening skills relative to professional health care relationships and situations.

Interprofessional collaboration is introduced by identifying roles, team functioning, leadership, communication, conflict resolution, and client centered care.

**INTP 105-3 (BC=3)****(2-0-2) 15 weeks****Healthcare Communication II**

Application of advanced communication strategies to healthcare settings with a client-centered, inter-professional focus.

Prerequisite: INTP 104

**INTP 201-3 (BC=3)****(3-0-0) 15 weeks****Interprofessional Leadership**

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.

Prerequisite: PHT 140 or PN 258

**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.

**INTP 303-3 (BC=3)****(0-3-4) 7 weeks****Competency Development**

Refine and develop knowledge, skills and abilities required for nursing practice in clinical settings. Promote and practice client and student safety through demonstration of skills, knowledge, attitudes, behaviour and sound decision-making.

## International Business

Note: Not all courses listed may be offered. Check Course Timetable for availability.

**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)**  
**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)**  
**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)**  
**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)**  
**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.*

## Justice Studies

**JUST 100-3 (BC=4)**  
**(3-0-0) 15 weeks**  
**The Canadian Justice System**  
 Examine and analyse patterns of crime and victimization; police operations, discretion and decision making; the criminal courts, including sentencing; the corrections systems, including correctional institutions and community-based models within the context of the structure and operation of the Canadian criminal justice system.

**JUST 105-1 (BC=2)**  
**(0-3-0) 15 weeks**  
**Professional Seminar I**  
 Introduction to professional practice through integration of knowledge, skills, and values required of professionals within justice-related fields. Explore self-care, wellness, physical fitness, professional documentation standards, and personal values clarification.  
 Corequisites: JUST 100, ENGL 219

**JUST 110-3 (BC=4)**  
**(3-0-0) 15 weeks**  
**Canadian Criminal Law**  
 Investigation of the nature, purpose, scope, sources, and basic principles of the Canadian criminal justice system. Study of the basic elements of a criminal offence and certain major defences. Examination of other statutes that impact on criminal law. Examination of issues in sentencing, victims' rights and emerging criminal justice issues.  
 Prerequisite: JUST 100

**JUST 115-3 (BC=4)**  
**(3-0-0) 15 weeks**  
**Corrections**  
 Introduction to the development and operation of correctional practices in Canada. Introduces the experiences of incarcerated persons and correctional staff. Examines the experiences of specific groups of incarcerated populations. Examines diverse case management and treatment practices. Investigates functions and dysfunctions of corrections and current issues and reform initiatives.  
 Prerequisite: JUST 100

**JUST 106-1 (BC=2)**  
**(0-3-0) 15 weeks**  
**Professional Seminar II**  
 Develop professional practice through the integration of knowledge, skills, and values required of professionals within justice-related fields. Continued focus on self-care, wellness, physical fitness, professional documentation standards, and clarifying personal values.  
 Prerequisite: JUST 105

**JUST 200-3 (BC=4)**  
**(3-0-0) 15 weeks**  
**The Justice System and Indigenous Canadians**  
 Examine relationships between Indigenous Peoples in Canada and the Justice System including the impact of language and structural factors. Explore Indigenous systems of justice and the connection between reconciliation and the Justice System.  
 Prerequisite: INDS 105, JUST 100

**JUST 205-1 (BC=2)**  
**(0-3-0) 15 weeks**  
**Professional Seminar III**  
 Develop professional practice through integration of knowledge, skills and values required of the professionals within justice-related fields. Career preparation, technical writing, employability, communication skills and preparation for practicum are emphasized. Develop self-care, wellness, physical fitness, professional documentation standards, and clarifying personal values.  
 Prerequisite: JUST 106.  
 Corequisite: JUST 215

**JUST 206-1 (BC=2)****(3-0-0) 15 weeks****Professional Seminar IV**

Apply professional practice knowledge, skills and values developed through professional seminars. Career preparation, technical writing, employability, communication skills and preparation for practicum are emphasized.

Prerequisite: JUST 205

**JUST 210-3 (BC=4)****(3-0-0) 15 weeks****Conflict Resolution**

Examine the dynamics of conflict and conflict management. Concepts and practices of managing conflict within individual lives, the community justice field, and the larger societal context are introduced through application of philosophy, and using techniques to address and manage conflict on a societal, institutional and individual level.

**JUST 215-3 (BC=4)****(3-0-0) 15 weeks****Community Justice Initiatives**

Introduce the various restorative justice/crime prevention initiatives available in Alberta, and what roles these initiatives play in communities. Students focus on the roles of community justice initiatives such as restorative justice, victim-offender mediation, victim services, crime prevention organizations, crime response organizations, and vigilantism.

Prerequisite: JUST 100.

Corequisite: JUST 205

**JUST 220-3 (BC=4)****(3-0-0) 15 weeks****Gender and the Justice System**

Examine the intersection of gender, ethnicity, and class in terms of victimization, offending, and working within the justice system.

Prerequisite: JUST 100

**JUST 225-4 (BC=5)****(180 hours) 15 weeks****Practicum**

Introduce students to work placement in a justice setting. Application of in-class learning to a workplace setting, including building professional relationships and ethical conduct. Prerequisite: JUST 205

## Kinesiology & Sport Studies

Note: Not all courses listed may be offered. Check Course Timetable for availability.

**A. Kinesiology & 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.

**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 Corequisite: 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 development 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****Personal Fitness and Wellness**

An exploration and application of the foundations of health, wellness and fitness from a personal perspective. Theory and practical strategies are used to empower the student in developing a healthy active lifestyle.

**KNSS 214-3 (BC=4)****(3-0-1) 15 weeks****Introduction to Personal Physical Fitness**

Examination and application of the foundations of physical fitness, with emphasis on the knowledge and understanding of basic concepts and methods of physical fitness and active living.

**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. Introduction to Competition.

**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 & 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 different 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 skills 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 shots, 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.

**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.

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## 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 Claim, 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.

<p><b>LEGL 135-3</b> (BC=3) (3-0) 15 weeks <b>Business Keyboarding</b> Accuracy and speed building in keyboarding skills including transcription work and document production for the creation of business forms, legal documents and correspondence. Prerequisite: LEGL 100.</p>	<p><b>LEGL 215-3</b> (BC=3) (3-0) 15 weeks <b>Litigation IV</b> 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.</p>	<p><b>LEGL 240-3</b> (BC=3) (3-0) 15 weeks <b>Family Law</b> Production of documentation for an application for parenting, a Divorce and a Separation Agreement using the Family Law Act, Divorce Act, Matrimonial Property Act and the Rules of Court. Includes issues regarding support, custody, access, and also alternative dispute resolution methods.</p>
<p><b>LEGL 140-3</b> (BC=3) (3-0) 15 weeks <b>Introductory Information Processing for the Legal Assistant</b> 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.</p>	<p><b>LEGL 220-3</b> (BC=3) (3-0) 15 weeks <b>Intermediate Information Processing for the Legal Assistant</b> Application of advanced word processing concepts, communication, scheduling and law office accounting software. Prerequisite: LEGL 140.</p>	<p><b>LEGL 245-3</b> (BC=3) (3-0) 15 weeks <b>Technology Integration for the Legal Assistant</b> Application of advanced computer applications using a case based approach to cloud computing, spreadsheets, databases and specific law office software. Prerequisite: LEGL 220.</p>
<p><b>LEGL 145-2</b> (BC=2) (2-0) 15 weeks <b>Criminal Law</b> The principles and administration of criminal law using the Criminal Code of Canada and the Charter of Rights and Freedoms.</p>	<p><b>LEGL 225-3</b> (BC=3) (3-0) 15 weeks <b>Estate Administration</b> 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.</p>	<p><b>LEGL 250-3</b> (BC=3) (15 hrs class/175 hrs) 6 weeks <b>Practicum</b> 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.</p>
<p><b>LEGL 200-3</b> (BC=3) (3-0) 15 weeks <b>Professional and Interpersonal Skills</b> Application of professional skills and behaviour, including ethics, as well as development of interpersonal conflict resolution and job search skills.</p>	<p><b>LEGL 230-3</b> (BC=3) (3-0) 15 weeks <b>Real Estate II</b> File development in the practice of real estate in Alberta, focusing on the legal assistants' role in the purchasing and financing of residential real estate. Prerequisite: LEGL 130.</p>	
<p><b>LEGL 205-3</b> (BC=3) (3-0) 15 weeks <b>Estate Planning</b> 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.</p>	<p><b>LEGL 233-3</b> (BC=3) (3-0) 15 weeks <b>Commercial Law</b> 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 &amp; LEGL 230.</p>	
<p><b>LEGL 210-3</b> (BC=3) (3-0) 15 weeks <b>Litigation III</b> Collection of judgments, Writs of Enforcement, garnishment, seizures and an introduction to Chamber applications. Prerequisite: LEGL 115.</p>	<p><b>LEGL 235-3</b> (BC=3) (3-0) 15 weeks <b>Real Estate III</b> 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.</p>	

# Management

Note: Not all courses listed may be offered. Check Course Timetable for availability.

## **MGMT 210-3 (BC=3)** **(3-0) 15 weeks**

### **Project Management**

This course introduces students to project management. Content includes concepts, principles, and the inputs, outputs, tools and techniques necessary to take the project from inception to completion. Students will learn, using PMBoK (Project Management Body of Knowledge), how to initiate a project, plan for its completion, monitor and control the project during implementation, and closing the completed project. Projects will be developed that are industry specific and will be used to allow students to take a project from inception to completion.

Credit will not be granted for both BADM 253 and MGMT 210.

Must be a BBA student or have consent of the Donald School of Business.

## **MGMT 215-3 (BC=3)** **(3-0) 15 weeks**

### **Entrepreneurship**

This experiential course develops an understanding of innovation and builds awareness of the practical experiences of entrepreneurs. Students participate in experiential activities and competitions, and learn using a practical framework that integrates current research, practice and lessons learned from people who have started impactful businesses with limited resources.

Credit will not be granted for both BADM 251 and MGMT 215.

Must be a BBA student or have consent of the Donald School of Business.

## **MGMT 220-3 (BC=3)** **(3-0) 15 credits**

### **Interpersonal Communications**

This course provides an introduction and overview to aspects of interpersonal communication. Utilizing a mix of theory and application, the course provides students with opportunities to gain an understanding of the elements of interpersonal communication and demonstrate a foundational level of knowledge and skill of the application of interpersonal communication for use in a variety of settings.

Credit will not be granted for both BADM 204 and MGMT 220.

Must be a BBA student or have consent of the Donald School of Business.

## **MGMT 310-3 (BC=3)** **(3-0-0) 15 weeks**

### **Introduction to the Stock Market**

This course focuses on key principles of technical and fundamental analysis necessary to make successful investment decisions. Examined are key factors which influence various financial markets. Students will participate in a group stock market simulation by applying stock selection principles to construct a portfolio.

## **MGMT 315-3 (BC=3)** **(3-0-0) 15 weeks**

### **Advanced Corporate Finance**

This course is intended to consolidate students' understanding of the theories and practices of effective financial decision making in a corporate environment, and to assess the impact of these decisions on the firm's performance. Course coverage includes economic theory of the firm, advanced capital budgeting concepts, stakeholder conflicts, and mergers and acquisitions.

Prerequisite: BADM 260 or BUS 310 (Recommended BUS 310) or consent of the DSB.

## **MGMT 320-3 (BC=4)** **(3-0-1) 15 weeks**

### **Business Statistics II**

This course examines inferential statistical analysis while emphasizing thinking skills and computer literacy. Topics include parametric and nonparametric hypothesis testing procedures. Simple and multiple regression analysis will also be examined and applied to business situations. The understanding of the course material will further be enhanced through exposure to both manual and computerized methods using current statistical computer software.

Prerequisites: BUS 306 or BADM 111.

Credit will not be granted for both BUS 307 and MGMT 320.

Must be a BBA student or have consent of the Donald School of Business.

## **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 money system; and current trends in international business. Canada's place within the global economy and the challenges Canadian business encounter conducting international business.

Must be BBA student or consent of the Donald School of Business.

## **MGMT 420-3 (BC=3)** **(3-0) 15 weeks**

### **Operations Management**

This course is a survey of the decision processes in production and operations management, and the relationship to other business areas. Topics covered include forecasting, product and service design, capacity planning, waiting line models, facility location and layout, process selection, design of work systems, linear optimization, quality inspection and control, life cycle management, inventory management, aggregate planning, material requirements planning, project operations management, and operations scheduling.

Prerequisite: BUS 306 or BADM 111. Must be a BBA student or have consent of the Donald School of Business.

**MGMT 430-3 (BC=3)****(3-0) 15 weeks****Business Plan Development**

Students will be able to prepare and present a solid business plan for a new or existing enterprise. Areas covered will include identifying and assessing opportunities, developing a winning strategy, identifying resource requirements and selling the plan to financing sources.

Prerequisite: BADM 110, BADM 132, ACCT 104 or 204. Must be a BBA student or have consent of the Donald School of Business.

**MGMT 450-3 (BC=3)****(3-0) 15 weeks****Leadership**

The course offers a balanced integration of theory and practice of skills generally accepted as necessary to leaders of small enterprises and other organizations. The course is designed to help guide

individuals in developing specific personal management competencies. Topics include problem solving, decision-making, team building, initiating and managing change, organization, and managing conflict. The assigned readings and practical exercises and assignments are designed to help students foster an appreciation of the complexity of the issues and factors facing the organizational leadership process. This course will help to develop the leadership skills that are necessary in students' personal and professional roles  
Prerequisite: BADM 281. Must be a BBA student or have consent of the Donald School of Business.

**MGMT 460-3 (BC=3)****(3-0) 15 weeks****Change Management**

This course provides students with an understanding of how HR professionals effectively identify, guide, and implement changes within an organization. Topics include: change agents, barriers to change, and employee communication strategies during times of transition. Students will explore the concept of coaching employees through transitions and effectively aligning change to an organization's strategic intent.

Prerequisite: BADM 110. Must be a BBA student or have consent of the Donald School of Business.

**MGMT 470-3 (BC=3)****(3-0) 15 weeks****Corporate Social Responsibility**

This course deals with the interrelationship of corporate social responsibility, corporate integrity, organizational culture, corporate strategy and organizational management/ leadership. Topics covered may include: fair-trade and globalization and other converging and emerging ideas about the continuing evolution of CSR.

Prerequisite: BUS 303 or MGMT 450. Must be a BBA student or have consent of the Donald School of Business.

**MGMT 490-3 (BC=3)****(3-0) 15 weeks****Strategic Management**

This capstone course develops the conceptual and applied skills associated with analyzing a competitive situation from a general management point of view. It addresses issues affecting the fundamental direction of the firm, considers the formulation and implementation of strategy, focuses on the extent to which different aspects of the firm fit with key environmental forces, and discusses the organization's ability to leverage its unique core competencies. The course views the organization holistically and, as such, goes beyond the mere integration of specific organizational functions.

Prerequisites: BUS 303 or MGMT 450, BADM 132, BADM 281, ACCT 104 or ACCT 204, BADM 260 or BUS 310.

Prerequisite or Corequisite: MGMT 420. Must be a BBA student or have consent of the Donald School of Business.

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## Mathematics

Note: Not all courses listed may be offered. Check Course Timetable for availability.

**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. Infinite series and Taylor 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, subspaces of n-space, and applications. Introduction to linear transformations, eigenvalues and eigenvectors.

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 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)****(3-15-0) 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.

Corequisite: 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

Note: MET courses are open to Engineering Technology students only.

**MET 102-2 (BC=3)****(2-0-2/2) 15 weeks****Fabrication**

Learn basic fabrication operations, tools, and industrial safety practices. Experience the fabrication environment and the application of layout tools, hand tools and measuring tools. Learn about welding methods and surface processes.

Prerequisites: GET 101, GET 106.

**MET 120-3 (BC=3)****(3-0-0) 15 weeks****Statics**

Engineering design: forces, loads and stresses. Establish free body diagrams, calculate moments and stresses and study vector mathematics, centroid, distributed loads, strains, safety factor, Hooke's Law.

Prerequisite: GET 111.

**MET 125-3 (BC=4)****(3-0-2/2) 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.

**MET 130-2 (BC=3)****(2-0-2/2) 15 weeks****Fluid Mechanics**

Study fluid statics, manometry laws, similarity and dimensional analysis as well as Bernoulli's equation, laminar and turbulent flow, Reynolds number, buoyancy, energy loss and pump design, forces on gates, and flow and pressure measurement.

Prerequisite: GET 111.

**MET 135-3 (BC=3)****(2-2-0) 15 weeks****Thermodynamics**

Examine the first and second laws of thermodynamics. Analyze thermodynamic cycles, including heat pumps, heat engine, and refrigeration. Learn the fundamentals of heat transfer.

Prerequisite: GET 111.

**MET 140-3 (BC=3)****(2-0-2) 15 weeks****3D CAD**

Extend knowledge of 2D CAD to 3D parametric solid modeling of parts and assemblies. Learn geometric dimensioning and tolerancing for manufacturing applications. Reconstruct actual surfaces in software.

Prerequisite: GET 106.

**MET 201-3 (BC=4)****(3-0-3/2) 15 weeks****Fluid and Bulk Materials Systems**

Learn about the concepts, design, and applications of hydraulic and pneumatic fluid power systems and bulk materials handling systems. Simulation and practical troubleshooting of fluids circuits will be explored.

Prerequisites: MET 130, MET 135.

**MET 205-2 (BC=3)****(2-0-2/2) 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 112.

**MET 208-3 (BC=3)****(3-0-0) 15 weeks****Mechanical Design**

Learn and apply the concepts of machine design, including the analysis and selection of components such as shafts, threaded fasteners, bearings, gears, and springs. Specific applications to work holding (jig and fixture design) will be included.

Prerequisites: MET 140, MET 205, MET 220.

**MET 210-2 (BC=3)****(2-0-2/2) 15 weeks****Building Systems**

Design building systems such as Heating, Ventilation and Air Conditioning (HVAC), fire protection, and piping/plumbing. Learn how to calculate thermal loads. Develop skills needed to interpret building system drawings, specifications and codes.

Prerequisite: MET 135.

**MET 212-4 (BC=4)****(3-0-3) 15 weeks****Manufacturing**

Gain an understanding of the capabilities and limitations of material removal, addition, and shaping manufacturing processes. Operate manufacturing equipment such as machining and rapid prototyping tools.

Prerequisites: MET 102, MET 125, MET 140.

**MET 220-3 (BC=3)****(3-0-0) 15 weeks****Strength of Materials**

Review the basic concepts of strength of materials as well as stress and strain due to various loadings including thermal loading.

Prerequisite: GET 112, MET 120, MET 125.

**MET 224-3 (BC=4)****(3-0-3/2) 15 weeks****Reliability and Failure Analysis**

Gain the knowledge and tools needed to design for reliability and conduct an engineering investigation to assess potential sources, causes and solutions for failure prevention and analysis.

Prerequisites: GET 101, GET 202, MET 125.

**MET 230-2 (BC=3)****(2-0-2/2) 15 weeks****Robotics**

Study robotics as a convergence of electrical & mechanical engineering, computer science, control theory and automation. Learn robot applications, types, tools, programming, drive systems, object detection, safety, communications and specifications.

Prerequisites: GET 103, GET 112.

Corequisites: MET 205 - Dynamics.

**MET 235-3 (BC=4)****(3-0-3/2) 15 weeks****Computer Integrated Manufacturing**

Explore Computer Integrated Manufacturing, including materials handling systems, group technology, industrial robots, computer vision, and Coordinate Measuring Machines. Test and simulate an assembly line using a miniature production system.

Prerequisites: MET 230, MET 260.

**MET 240-4 (BC=4)****(3-0-2) 15 weeks****CNC Manufacturing**

Computer Numerical Control (CNC) machining processes and programming. Select suitable machine tools, set up correct parameters, understand machining process critical path, and carry out simulations and processes on industrial CNC machines.

Prerequisite: MET 140 and MET 212.

**MET 258-3 (BC=3)****(3-0-0) 15 weeks****Capstone Project**

Researching and compiling a technical report on a topic that will incorporate the skill set of a Mechanical Engineering Technology graduate. Progress reports occur at regular intervals. Concluding oral presentation to an industry audience.

Prerequisites: Term three course completion or consent of Associate Dean.

**MET 260-2 (BC=3)****(2-0-3/2) 15 weeks****Manufacturing Automation**

Install, configure, program and interface a variety of hardware and software in a manufacturing environment. Use Human Machine Interfaces to link with Programmable Logic Controllers and other devices to monitor and control equipment and processes.

Prerequisites: GET 101, GET 103, GET 114.

## Media Studies and Professional Communication

**MSPC 105-3 (BC=3)****(3-0-0) 15 weeks****Interpersonal and Group Communication**

Theory and practice of communicating with other people in interpersonal and group situations, with an emphasis on professional settings. Topics include perception, listening, language, nonverbal communication, and group dynamics.

**MSPC 110-2 (BC=2)****(2-0-0) 15 weeks****Visual Design Principles**

Introduction to the basic principles of visual design, including elements such as balance, proportion, colour, and positioning of images and text. Evaluate visual designs for their impact on audiences and receive basic instruction in the construction of images and designs using industry standard software.

**MSPC 115-1 (BC=2)****(1-0-1) 15 weeks****Basic Photography**

Introduction to digital photography to support an organization's communications goals. Students will learn the basic composition elements of photographs and will practice selecting, producing and editing photographs for use in organizational communication, such as social media, websites, and print materials.

**MSPC 120-3 (BC=3)****(3-0-0) 15 weeks****Online Communication and Social Media**

Theoretical and practical introduction to online communication and social media in the context of organizational communication. Examine the features of current online and social media tools, as well as the integration of social media campaigns in organizations' communications plans.

**MSPC 205-3 (BC=3)****(3-0-0) 15 weeks****Document Design and Editing**

Theory and practice of the creation of effective documents in workplace settings. Examine the principles of effective document design and the techniques of editing written communication as well as the impact of document design on audience perception of messages and organizations.

**MSPC 210-3 (BC=3)****(3-0-0) 15 weeks****Marketing and Branding**

Introduction to basic marketing communications and branding principles. Examine the integration of marketing practices in organizations and the strategies used to develop, maintain and change an organization's brand identity.

**MSPC 215-3 (BC=3)****(3-0-0) 15 weeks****Introduction to Project Management**

Overview of the process of project management. Topics will include the various factors involved in managing projects, including personnel, technology, and finances, as well as the communications strategies needed to support these projects. An introduction to event planning will also be included.

**MSPC 220-3 (BC=3)****(3-0-0) 15 weeks****Issues in Communications Studies: Politics, Economics, Culture and Organizations**

An in-depth examination of the impact of politics, economics, culture, and organizational structure on communications messages including the preparation of a communications plan for an organization that integrates all of these issues.

**MSPC 225-3 (BC=3)****(3-0-0) 15 weeks****Entrepreneurship and Professionalism**

Overview of key strategies enabling students to find meaningful work in the field and creating entrepreneurial opportunities. Examine the importance of professionalism in organizational communication and practice presenting in person and in writing, for employment or securing other professional opportunities. Focus will be identifying opportunities and resources for contract work.

**MSPC 230-3 (BC=3)****(0-0-3) 135 hours****Practicum Experience**

Experience in assisting with an organization's communications activities, developing skills and knowledge that apply and expand on the concepts learned throughout the Media Studies and Professional Communication diploma program. Prerequisite: Successful completion of minimum of three terms of course work in MSPC program or permission of Associate Dean.

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## Medical Lab Assistant

**MLA 104-1 (BC=1)****(3-0-0) 6 weeks****Medical Terminology**

Guide the student through the proper use and interpretation of medical terminology, abbreviations, and symbols commonly used in the health care system.

**MLA 105-2 (BC=2)****(3-0-0) 5 weeks****Infection Control and Safety**

Explore how microorganisms are transmitted, and apply routine practices and standard precautions to protect against transmission or exposure to disease.

**MLA 115-8 (BC=8)****(40 lab, 240 Practicum)****Clinical Practicum**

Acquire practical experience within acute care facilities and collection sites to obtain MLA competencies set by the Canadian Society of Medical Laboratory Science (CSMLS). Clinical simulation labs will be completed prior to practicum start. Prerequisites: a minimum GPA of 2.0 in each of: INTP 102, INTP 104, MLA 104, MLA 105, MLA 117, MLA 119, and MLA 121

**MLA 117-5 (BC=5)****(3-0-2) 20 weeks****Professional Practice and Medical Lab Testing**

Theoretical aspects and practical experiences of performing electrocardiograms and basic laboratory procedures. An introduction of professional practice encompassing scope of practice, accountability, regulation, and certification as it pertains to the laboratory profession.

**MLA 119-5 (BC=5)****(3-0-2) 20 weeks****Specimen Collection, Handling and Quality Lab Processes**

Examine the suitability, collection, handling and transportation of lab specimens in both theoretical and practical contexts. Principles of quality management systems and their methods are introduced.

**MLA 121-5 (BC=5)****(3-0-2) 20 weeks****General Lab Procedures and Urinalysis**

Perform basic laboratory procedures, examine urine and its constituents using both macroscopic and microscopic techniques.

## Microbiology

**MICR 365-3** (BC=4)

**(3-0-3) 15 weeks**

### General Microbiology

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.  
Prerequisite: 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, etc. 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.

Corequisite: 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.

Corequisite: 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 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 Corequisite: 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.

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.

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.

**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.

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 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 mediant, 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 258 &amp; 260.

Prerequisite or Corequisite: 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 Corequisite: 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 Corequisite: 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 Corequisite: 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 258 and 260.

Note: Not eligible for challenge.

**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 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 appropriate to the student's major instrument of study and upon approval of the student's instructor.

Corequisite: 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.)

## **NURS 215-3 (BC=3)**

**(3-0) 15 weeks**

### **Anatomy**

A survey of the structure of the human body.

## **NURS 225-6 (BC=7)**

**(2-3-3) 15 weeks**

### **Introduction to Nursing Theory I**

Focuses on the concepts of the nursing profession and discipline: nursing, person, health and environment. These concepts will be explored within the context of primary health care and changing perspectives of health and how this evolution has impacted the development of the profession of nursing. The philosophical, theoretical, historical, ethical and legal underpinnings of professional nursing practice will be examined.

## **NURS 227-4 (BC=4)**

**(3-0-3) 15 weeks**

### **Introduction to Health Assessment**

Focus is on the health assessment of the well adult, with expected aging modifications. The course provides a beginning foundation of assessment skills and technologies necessary for determining client health status within the context of a nursing framework. Factors influencing lifestyles and personal health practices are included. Prerequisites: NURS 225.

## **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. Corequisite: 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 236-3 (BC=3)**

**(3-0) 15 weeks**

### **Medical Microbiology**

Medical microbiology concepts for nursing students. Basic information on the identification of micro-organisms and their control, as well as disease principles, epidemiology, and the immune system with consideration to the health care perspective.

## **NURS 239-3 (BC=3)**

**(3-0-0) 15 weeks**

### **Introduction to Nursing Theory II**

Focuses on health promotion and support to individuals in the pursuit of health throughout their lives. A variety of concepts from nursing and other disciplines will be integrated into the overall learning. Students will be initiated into nursing roles with individuals in community, assisted living, and long-term care settings. Prerequisites: NURS 227, NURS 231  
Corequisites: NURS 240

## **NURS 240-6 (BC=7)**

**(0-14-3) 15 weeks**

### **Introduction to Nursing Practice**

Introduces the student to nursing practice. The emphasis is on practice with individuals in the community as well as in a continuing care (long-term care) setting /assisted living. This practicum takes place with individuals in diverse circumstances. Prerequisites: NURS 227, NURS 231  
Corequisites: NURS 239

## **NURS 241-6 (BC=7)**

**(2-3-0) 15 weeks**

### **Mental Health Nursing Theory**

Focus is on theory related to the promotion of mental health and the nursing care of people with acute and chronic alterations in mental health. Prerequisites: NURS 239, NURS 240, NURS 308  
Corequisites: NURS 242

## **NURS 242-6 (BC=7)**

**(0-16-2) 15 weeks**

### **Mental Health Nursing Practice**

Apply concepts of mental health nursing to the care of individuals experiencing acute and chronic alterations in mental health in hospital or community settings. Prerequisites: NURS 239, NURS 240, NURS 308  
Corequisites: NURS 241

## **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 308-3 (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 351-6 (BC=7)****(2-3-0) 15 weeks****Acute Care Nursing Theory I**

The primary focus is the theoretical foundation for the client-centred care of adults and elderly clients and their families experiencing variations in health (acute and chronic illnesses). Comprehensive assessment and best practice interventions are addressed within the context of a primary health care framework and a nursing model.

Prerequisites: NURS 239, NURS 240, NURS 308

Corequisites: NURS 352

**NURS 352-6 (BC=7)****(0-16-3) 15 weeks****Acute Care Nursing Practice I**

The primary focus is the application of theory in the client-centred care of hospitalised adults and elderly clients and their families experiencing variations in health (acute and chronic illnesses). Practice occurs primarily in primary, secondary and tertiary acute care settings.

Prerequisites: NURS 239, NURS 240, NURS 308

Corequisites: NURS 351

**NURS 353-6 (BC=4)****(2-3-0) 15 weeks****Community Nursing Theory**

Focus is on the philosophical and theoretical domains of nursing individuals, families and groups in the community across the lifespan. Students will also specifically explore theory related to the nursing care of the child-bearing family. Community nursing management and intervention consistent with the principles of primary health care will be explored and fostered.

Prerequisite: NURS 241, NURS 242, NURS 351, NURS 352

Corequisite: NURS 354

**NURS 354-6 (BC=7)****(0-16-2) 15 weeks****Community Nursing Practice**

Students will have the opportunity to apply concepts of community health nursing. Nursing practice will include health assessment and interventions with child-bearing families.

Students will develop competence in both family and community assessments, the use of therapeutic communication skills and the planning, implementation and evaluation of community nursing interventions.

Prerequisites: NURS 241, NURS 242,

NURS 301, NURS 351, NURS 352

Corequisite: NURS 353

**NURS 355-6 (BC=4)****(2-3-0) 15 weeks****Acute Care Nursing Theory II**

A comprehensive approach to primary health care components in the care of clients in complex situations locally, nationally, and internationally. High acuity health assessments and interventions are introduced. Case management, interdisciplinary collaboration, community development, and socio-political action are emphasized.

Prerequisite: NURS 241, NURS 242, NURS 351, NURS 352

Corequisite: NURS 408

**NURS 356-6 (BC=7)****(0-16-3) 15 weeks****Acute Care Nursing Practice II**

Professional nursing practice focuses on a comprehensive application of primary health care principles to clients experiencing acute variances in health across the lifespan. Practice occurs in primary, secondary, and tertiary level acute care settings.

Prerequisite: NURS 241, NURS 242, NURS 351, NURS 352, NURS 301

Corequisite: NURS 407

**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 409-3 (BC=3)****(3-0-0) 15 weeks****Leadership and Issues in Nursing**

Using the primary health care framework, a variety of current professional, social, political and global issues affecting the nursing profession and the Canadian healthcare system will be addressed. Key principles of leadership and management will also be addressed within the context of these issues.

Prerequisites: NURS 241, NURS 242, NURS 351, NURS 352, NURS 301

**NURS 420-3 (BC=3)****(0-3-4) 7 weeks****Competency Assessment and Development**

Refine and develop knowledge, skills and abilities required for nursing practice in clinical settings. Promote and practice client and student safety through demonstration of skills, knowledge, attitudes, behaviour and sound decision-making.

**NURS 461-7 (BC=7)****(0-15-34c) 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 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 Corequisite 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.

Corequisite: NURS 494.

# Occupational & Physical Therapist Assistant

**OPTA 112-3 (BC=4)**  
**(3-0-2) 15 weeks**

## Healthcare and Rehabilitation

An overview of the Canadian Health Care system and how rehabilitation fits within it. Specific emphasis on occupational therapy, physical therapy and the role of the assistant.

**OPTA 114-3 (BC=3)**  
**(3-0-0)**

## Concepts in Mental Health

Introduction to mental health and illness from a rehabilitation perspective. Familiarization with characteristics of psychiatric disability, general management of common disorders, service provision and mental health practice through a client-centered approach.

**OPTA 118-3 (BC=3)**  
**(2-0-2) 15 weeks**

## Functional Anatomy

Fundamentals of the structure and function of the musculoskeletal system with application to rehabilitation.  
Prerequisite: INTP 102

**OPTA 122-3 (BC=3)**  
**(3-0-0) 15 weeks**

## Common Conditions and Function

An overview of conditions commonly encountered in rehabilitation practice.  
Prerequisites: INTP 102, OPTA 112

**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 concurrent 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 130-4 (BC=4)**  
**(180 hours)**

## Practicum I

An introduction to the professional rehabilitation environment providing applied experiences in OTA and/or PTA settings.  
Prerequisites: OTA 105 or PTA 100, OPTA 122, INTP 105, INTP 102, KNSS 307

**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 204-2 (BC=2)**  
**(4-0-0) 7 weeks**

## Sensation, Perception and Cognition

An overview of sensory, perceptual and cognitive impairments encountered in rehabilitation practice with a focus on development of therapeutic tools and strategies.  
Prerequisites: OPTA 122, KNSS 307, OPTA 114

**OPTA 210-3 (BC=3)**  
**(45 lecture)**

## Professional Practice

Ethical issues in rehabilitation are explored. Clinical reasoning is addressed along with an overview of employment preparedness.  
Prerequisites: OTA 205, PTA 200, OPTA 230

**OPTA 215-2 (BC=2)**  
**(4-0-0)**

## Communication Impairment

A review of communication challenges that inhibit effective communication. Focus is on enhancing 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/or sensory 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 222-3 (BC=3)**  
**(6-0-0) 7 weeks**

## Advanced Conditions and Function

An overview of more complex conditions encountered in rehabilitation practice.  
Prerequisites: OPTA 122, PN 262

**OPTA 230-4 (BC=4)**  
**(180 hours)**

## Practicum II

Further experience in the professional rehabilitation environment providing applied experiences in OTA and/or PTA settings.  
Prerequisites: OTA 205 or PTA 200, OPTA 130, PN 262

**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 330-4 (BC=4)****(180 hours)****Practicum III**

Application of accumulated knowledge and skills in a variety of rehabilitation environments to further understand and promote their role as an OTA / PTA.

Prerequisites: OPTA 230, OTA 305, PTA 300, OPTA 210

**OTA 105-3 (BC=4)****(2-1S-2) 15 weeks****OTA Skills I**

Application of basic occupational therapist assistant skills to enhance client function.

Prerequisites: INTP 102, INTP 104, OPTA 112

**OTA 205-3 (BC=4)****(4-2S-4) 7 weeks****OTA Skills II**

Application of intermediate occupational therapist assistant skills to enhance client function.

Prerequisite: OTA 105, INTP 105, OPTA 122

**OTA 305-3 (BC=4)****(4-2S-4) 7 weeks****OTA Skills III**

Application of advanced occupational therapist assistant skills to enhance client function.

Prerequisites: OTA xx2, OPA 114, KNSS 307, OPTA 222

**PTA 100-3 (BC=4)****(2-1S-2) 15 weeks****PTA Skills I**

Application of basic physical therapist assistant skills to enhance client function and mobility.

Prerequisites: INTP 102, INTP 104, OPTA 112

**PTA 200-3 (BC=4)****(4-2S-4) 7 weeks****PTA Skills II**

Application of intermediate physical therapist assistant skills to enhance client function and mobility.

Prerequisites: PTA 100, INTP 105, OPTA 122

**PTA 300-3 (BC=4)****(4-2S-4) 7 weeks****PTA Skills III**

Application of advanced physical therapist assistant skills to enhance client function and mobility.

Prerequisite: PTA 200, KNSS 307, OPTA 222

## Pharmacy Technician

(Open to Pharmacy Technician students only.)

**PHTD 100-3 (BC=3)****(3-0-0) 15 weeks****Professional Role and Ethics**

Examine components and determinants of health, the Canadian health care system, the role of the pharmacy technician and other pharmacy staff members and to explore ethics, decision making, scope of practice, professionalism, and learning practices.

**PHTD 105-2 (BC=2)****(2-0-0) 15 weeks****Pharmacology Fundamentals**

Explore drug classifications, drug naming, drug mechanism of actions, pharmacological terminology, drug approval process in Canada, routes of administration and dosage forms, toxicology, drug stability and the storage and disposal of pharmaceuticals.

**PHTD 110-3 (BC=3)****(3-0-0) 15 weeks****Foundations of Pharmacy**

Explore concepts central to pharmacy practice such as interpreting prescription information, pricing, third party billing, pharmacy records, labelling prescriptions, preventing medication errors, using references, inventory management and merchandising.

**PHTD 115-4 (BC=4)****(4-0-0) 15 weeks****Pharmacy Calculations**

Accurately perform calculations applicable to pharmacy practice.

**PHTD 120-3 (BC=3)****(3-0-0) 15 weeks****Jurisprudence**

Introduce and apply legislation and standards of practices relevant to pharmacy practice in Alberta.

Prerequisites: PHTD 100, PHTD 105 and PHTD 110.

**PHTD 125-3 (BC=3)****(3-0-0) 15 weeks****Pharmacotherapeutics I**

Examine conditions and medications used in the treatment of conditions affecting the immune system, nervous system, respiratory system and infections.

Prerequisites: INTP 102, INTP 104, PHTD 100, PHTD 105, PHTD 110.

**PHTD 130-3 (BC=3)****(3-0-0) 15 weeks****Pharmacy Computer Systems**

Use a pharmacy computer system to input data, process prescriptions and perform other pharmacy related tasks.

Prerequisites: PHTD 100, PHTD 105, PHTD 110, PHTD 115 and must successfully complete keyboard testing prior to Winter term.

Corequisites: PHTD 120.

**PHTD 135-3 (BC=3)****(1-0-4) 15 weeks****Dispensing I**

Dispense medications in a laboratory setting for a variety of medications, dosage forms and legal classifications.

Prerequisites: PHTD 100, PHTD 105, PHTD 110, PHTD 115 and INTP 104.

Corequisites: PHTD 120 and PHTD 130.

**PHTD 140-1 (BC=1)****(1-0-0) 15 weeks****Preparation for Practice**

Assess, reflect and receive formative feedback upon the student's first year performance in the program.

Prerequisites: PHTD 100, PHTD 105, PHTD 110, PHTD 115, PHTD 120, PHTD 125, PHTD 130, PHTD 135, INTP 102, INTP 104 and INTP 105.

Note: This course occurs in the week following winter term final exams and student completes self reflection portion on-line.

**PHTD 200-3 (BC=4)****(3-1-0) 15 weeks****Non-prescription and Complementary Therapies**

Examine conditions and medications that can be treated/provided over the counter.

Prerequisites: PHTD 140.

**PHTD 205-2 (BC=2)****(1-0-3) 15 weeks****Non-sterile compounding**

Compound and dispense a variety of non-sterile pharmaceuticals.

Prerequisites: PHTD 140.

**PHTD 210-4 (BC=4)****(2-0-4) 15 weeks****Aseptic Technique**

Prepare a variety of sterile compounds in a safe and efficient manner using principles of aseptic technique.

Prerequisites: PHTD 200, PHTD 205, PHTD 225, PHTD 235 and INTP 201.

**PHTD 215-3 (BC=3)****(2-0-2) 15 weeks****Hospital / Institutional Practice**

Discuss the practice of pharmacy in institutional settings and perform tasks required of a pharmacy technician employed in this practice setting.

Prerequisites: PHTD 200, PHTD 205, PHTD 225, PHTD 235 and INTP 201.

**PHTD 220-1 (BC=1)****(1-0-0) 15 weeks****Community Health Project**

Propose and complete a health promotion project in the community within the pharmacy technician role and evaluate the effectiveness upon completion.

Prerequisites: PHTD 200, PHTD 205, PHTD 225, PHTD 235 and INTP 201.

**PHTD 225-3 (BC=3)****(3-0-0) 15 weeks****Pharmacotherapeutics II**

Examine conditions and medications used in the treatment of conditions affecting the gastrointestinal, renal, cardiovascular and musculoskeletal system.

Prerequisites: PHTD 140.

**PHTD 226-3 (BC=3)****(3-0-0) 15 weeks****Pharmacotherapeutics III**

Examine conditions and medications used in the treatment of conditions affecting the endocrine, dermatological, ophthalmic and otic systems as well as cancer treatments and other miscellaneous medications.

Prerequisites: PHTD 225.

**PHTD 231-4 (BC=4)****(160 hours) 4 week block****Community Pharmacy Practicum**

Obtain practical experience within a community (retail) pharmacy as a developing pharmacy technician.

Prerequisites: PHTD 210, PHTD 215, PHTD 220, PHTD 226 and PHTD 240.

**PHTD 232-4 (BC=4)****(160 hours) 4 week block****Hospital Pharmacy Practicum**

Obtain practical experience within a hospital/institutional pharmacy as a developing pharmacy technician.

Prerequisites: PHTD 210, PHTD 215, PHTD 220, PHTD 226 and PHTD 240.

**PHTD 235-4 (BC=4)****(1-0-5) 15 weeks****Dispensing II**

Dispense medications, perform pharmacy related tasks and practice workplace communication skills in a laboratory setting. This course continues to build upon the skills gained in Dispensing I.

Prerequisites: PHTD 140.

Corequisite: PHTD 225.

**PHTD 240-2 (BC=2)****(2-0-0) 15 weeks****Preparation for Practice II**

Prepare and assess student to transition into role of pharmacy technician prior to practicum placements.

Prerequisites: PHTD 200, PHTD 205, PHTD 225, PHTD 235 and INTP 201.

Corequisites: PHTD 210, PHTD 215, PHTD 220, and PHTD 226.

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## 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 319-3 (BC=3)****(3-0-0) 15 weeks****Philosophy of Law**

Explore the historical and theoretical foundations of the concepts that ground the Canadian legal system including the foundations of legal authority, the nature of the law, the relationship between law and morality, theories of jurisprudence, theories of statutory interpretation, and theories of punishment, rights, and justice.

**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 early 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. Descartes' 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 work 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 impact 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 & Sport Studies)

## Physics

Note: Not all courses listed may be offered. Check Course Timetable for availability.

**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**

A calculus-based course in physics in which the kinematic and dynamic properties of particles and bodies in motion are described and quantified through the study of forces, work and energy, momentum, rotation and special relativity.

Prerequisite: Physics 30 and Math 30 (Pure).

Corequisite: MATH 202 (203) or 212.

Note: You can have credit in only one of PHYS 203, 205, 231, or 241.

**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.

Corequisite: 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.

Corequisites: 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 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.

Corequisites: 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 focusing 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 topics 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 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. Québécois 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 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.

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## Practical Nurse

**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 health 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.

<p><b>PN 257-1</b> (BC=1)  <b>(0-0-7.5/2) 10 weeks</b>  <b>Practical Experience I: Healthy Adults</b>  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.  Corequisites: PN 251, 252, 253, 254, INTP 102, 201.</p>	<p><b>PN 261-2</b> (BC=2)  <b>(4-0-2.5) 7 weeks</b>  <b>Pharmacology II</b>  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.  Corequisite: PN 259.</p>	<p><b>PN 267-1</b> (BC=2)  <b>(2.5-0-2.5)</b>  <b>Pharmacology III</b>  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.  Corequisite PN 265.</p>
<p><b>PN 258-2</b> (BC=2)  <b>(4-0-0) 7 weeks</b>  <b>Professional Leadership II</b>  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, INTP 104.</p>	<p><b>PN 262-3</b> (BC=3)  <b>(6-0-0) 7 weeks</b>  <b>Pathophysiology</b>  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: INTP 201.</p>	<p><b>PN 268-6</b> (BC=6)  <b>(0-0-35) 7 weeks (245 clinical hours)</b>  <b>Practical Experience III: Acute Care</b>  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.</p>
<p><b>PN 259-5</b> (BC=6)  <b>(8-0-4) 7 weeks</b>  <b>Nursing Foundations II</b>  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.  Corequisites: PN 261, 262.</p>	<p><b>PN 263-4</b> (BC=4)  <b>(0-0-35) 5 weeks (175 clinical hours)</b>  <b>Practical Experience II: Residential Care</b>  Introduce nursing practice and care in residential care settings.  Prerequisites: PN 258, 259, 260, 261, PN 262.</p>	<p><b>PN 269-1</b> (BC=1)  <b>(2-0-0) 7 weeks</b>  <b>Professional Leadership IV</b>  Develop and apply leadership skills using an inter-professional approach. Prepare for the transition from student to Licensed Practical Nurse.  Prerequisites: PN 268.</p>
<p><b>PN 260-2</b> (BC=2)  <b>(3.5-0-0) 7 weeks</b>  <b>Health Promotion II</b>  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.</p>	<p><b>PN 265-5</b> (BC=6)  <b>(8.5-0-5.5) 7 weeks</b>  <b>Nursing Foundations III</b>  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.  Corequisites: PN 267.</p>	<p><b>PN 270-5</b> (BC=6)  <b>(10-0-2) 7 weeks</b>  <b>Nursing Foundations IV</b>  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.</p>
	<p><b>PN 266-3</b> (BC=3)  <b>(6-0-0) 7 weeks</b>  <b>Health Promotion III</b>  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.</p>	<p><b>PN 271-3</b> (BC=3)  <b>(6-0-0) 7 weeks</b>  <b>Health Promotion IV</b>  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.</p>

**PN 272-1 (BC=1)**  
**(0-0-5) 7 weeks (35 clinical hours)**  
**Practical Experience IV: Family Centered Care**  
 Application of the principles of health promotion and family centered care across the lifespan in family and community contexts.  
 Prerequisites: PN 268.  
 Corequisites: PN 269, 270, 271.

**PN 275-6 (BC=6)**  
**(0-0-31) 246 hours in 8 weeks**  
**Practical Experience V: Comprehensive Practicum**  
 Demonstrate integration and consolidation of knowledge, skills, attitudes, behaviors, and judgments consistent with the LPN scope of practice within the context of a comprehensive 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 OPTA 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**  
 Fundamental terminology, procedures, findings, and theories related to basic psychological processes. Topics may include the nature and history of psychology, research methods, biological foundations of behaviour, sensation and perception, states of consciousness, learning, memory, language, and thought.  
 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**  
 Fundamental terminology, procedures, findings, and theories related to individual, social, and abnormal behaviour. Topics may include intelligence, problem solving, creativity, motivation and emotion, lifespan development, personality, psychological disorders and treatments, health, stress and coping, and social behaviour.  
 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 30-1 or 30-2 (or equivalent) and PSYC 260.  
 Prerequisite or Corequisite: 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 Corequisite of either STATS 251 or PSYC 312 is required.

**PSYC 367-3 (BC=3)****(3-0-0) 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 Corequisite 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.

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## Social Work

(Open to Social Work students only.)

**SOWK 201-3 (BC=3)****(3-0-0) 15 weeks****Social Work Practice I**

Introduction to helping relationships including the use of communication and counselling skills for ethical and anti-oppressive social work practice.

Corequisite: SOWK 204, SOWK 214.

**SOWK 202-3 (BC=3)****(3-0-0) 15 weeks****Social Work Practice II**

Develop assessment and intervention strategies for working with individuals in social work practice. Examine change through the lens of developing a working alliance, and reflect on use of self, and effective use of skills.

**SOWK 204-3 (BC=3)****(3-0-0) 15 weeks****Ethics in Social Work Practice**

Explore ethical principles, codes, and frameworks for decision-making in social work practice. Reflect on the interaction of personal and professional values.

**SOWK 207-3 (BC=3)****(3-0-0) 15 weeks****Introduction to Social Welfare**

Introduction to the history of social welfare and social services with a focus on Canada. Explores role of social work in colonization; explores populations involved with service delivery systems; reflects on personal views; explores marginalization, oppression, social justice, and human rights.

**SOWK 209-4 (BC=5)****(240 hours)****Field Work I**

Application of in-class learning to a fieldwork setting, including building professional relationships and ethical conduct in a social work setting.

Prerequisite or corequisite: SOWK 202

**SOWK 212-1 (BC=1)****(0-3-0) 15 weeks****Preparation for Practice**

Focus on professional practice in service delivery settings.

Prerequisite or corequisite: SOWK 201, SOWK 204, SOWK 214

**SOWK 214-3 (BC=3)****(3-0-0) 15 weeks****Reconciliation through Social Work**

Introduces the impact of colonization on Indigenous and non-Indigenous Canadians from a Social Work perspective. Focus is on reconciliation in preparation for practice.

**SOWK 301-3 (BC=3)****(3-0-0) 15 weeks****Social Work Practice with Families**

Examine social work practice with diverse family forms across their lifespan. Expand upon strategies for interviewing, assessment, and intervention.

Prerequisite: SOWK 202.

**SOWK 304-3 (BC=3)****(3-0-0) 15 weeks****Social Work Practice with Groups and Communities**

Examine theories and models of group work and community organization with contextual applications. Evaluate self as a group member, leader, and community organizer.

Prerequisite: SOWK 202

**SOWK 306-3 (BC=3)****(3-0-0) 15 weeks****Leadership in Social Work**

Examine effective leadership and management through a social work lens. Apply leadership and management theories to social services delivery and to programs and program evaluation.

Prerequisites: SOWK 202, SOWK 207.

**SOWK 307-3 (BC=3)****(3-0-0) 15 weeks****Social Policy**

Examine the function of social policy in social work practice and service delivery, including development, influences, analysis of needs and gaps, and strategies for promoting change. Prerequisites: SOWK 207, SOWK 214.

**SOWK 308-4 (BC=5)****(240 hours)****Field Work II**

Demonstrate social work skills in supervised field setting while employing self-care and reflective practice.

Prerequisite or Corequisite: Successful completion of all first year SOWK courses and SOWK 301 or permission of the Department.

**SOWK 309-4 (BC=5)****(240 hours)****Field Work III**

Practice social work in supervised field work setting. Demonstrate professional knowledge, skills, and ethics, and the contribution to one's practice framework.

Prerequisite: SOWK 308.

**SOWK 312-3 (BC=3)****(3-0-0) 15 weeks****Current Trends and Issues in Social Work**

Explore current trends and issues in social work practice and how they relate to social issues. Examine selected trauma issues relevant in Canadian society using a structural anti-oppressive framework.

Develop critical consciousness to support practice with clients in a variety of settings and contexts.

Prerequisites: SOWK 307, SOWK 304, SOWK 315

Note: Not eligible for challenge and Advanced Standing.

**SOWK 315-3 (BC=3)****(3-0-0) 15 weeks****Social Work Research**

Examine Social Work research methodologies and their application in practice.

Prerequisites: SOWK 307, SOWK 304 or permission of the department.

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## 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**

Examines the structure and functioning of Canadian society, including political, economic, cultural and value structures and processes.

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 260 or consent of the department.

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 order. 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 different 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, professional-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 written Spanish, including grammar, 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.

Corequisite: 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.

Corequisite: 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. Prerequisite: 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.

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## Theatre Performance & Creation

Note: Courses open to Theatre Performance & 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.

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## 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 100-3 (BC=3)****(0-2-0 - 68 lab hours)****Computer Skills**

Develop computer skills critical for success in the Unit Clerk field.

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)****Keyboarding**

Develop keyboarding speed and accuracy.

**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**

Develop processing, critical thinking and problem solving skills by completing thorough and accurate medical orders.

Prerequisite or Corequisite: UNIT 102.

**UNIT 105-2 (BC=2)****(145 hours)****Preceptored Practice**

Demonstrate integration and consolidation of knowledge, skills, attitudes, behaviours and judgment within the context of a comprehensive Unit Clerk practice setting. Prerequisites: Unit Clerk 100, 101, 102, 103, 106, 107.

**UNIT 106-2 (BC=2)****(2-0-0 - 32 hours)****Exploring the Role of the Unit Clerk**

Develop the skills, attitudes and behavior necessary to perform the role of the Unit Clerk.

**UNIT 107-3 (BC=3)****(45 hours)****Essential Communication Skills for Unit Clerks**

Develop interpersonal communication skills, practice oral presentation skills, apply professional skills, and create an effective resume.

## 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**

A scientific overview of the major invertebrate animal phyla with emphasis on their systematics, functional anatomy, life cycles, and evolution. Selected topics in invertebrate biology using primary literature will also be explored.

Prerequisite: BIOL 218.

# ADULT BASIC EDUCATION COURSES

Note: Not all courses listed may be offered.  
Check Course Timetable for availability.

## 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.

# ACADEMIC UPGRADING 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 Associate Dean approval.

## Accounting

**ACCT 075-6** (BC=6)  
(6-0) 15 weeks  
**Basic Accounting I**

This course is equivalent to OADM 120.  
High School Equivalent: Grade 10-11 level.

## Adult Development

**ADEV 068-1** (BC=1)  
(0-1-0) 15 weeks  
**Supported Study**

A systematic approach to study activities to take advantage of various activities and resources such as student study groups, instructor consultation, Learning Resource Center, Computer Lab, Counselling and Learning Support. Learners will be responsible for planning and recording their plans and activities.

**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. BIOL 075 is equivalent to Biology 20 for admission to RDC programs. Prerequisite/Corequisite: ENGL 075 or equivalent.

**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. BIOL 095 is equivalent to Biology 30 for admission to RDC programs. Prerequisite: BIOL 075 or equivalent.

## 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. Topics include elements and the periodic table, chemical bonding, nomenclature, chemical reactions, stoichiometry. Lab work is related to class discussions. CHEM 075 is equivalent to Chemistry 20 for admission to RDC programs. Prerequisite / Corequisite: MATH 075 or equivalent

**CHEM 095-6** (BC=6)  
(5-0-2) 15 weeks

### Preparatory Chemistry

For student with previous study in bonding, nomenclature, and stoichiometry. Topics include gases, solutions, energy, electrochemistry, equilibrium, acids and bases. Lab work is related to class discussions. CHEM 095 is equivalent to Chem 30 for admission to RDC programs. Prerequisite: CHEM 075 or equivalent and MATH 075 or equivalent.

## English

**ENGL 045-5** (BC=5)  
(5-0-0) 15 weeks

### Fundamental English Skills

Basic reading and writing skills including spelling, reading comprehension, vocabulary skills, and writing at the sentence and paragraph level. Note: This is a credit/ no credit course. Note: This course cannot be repeated for credit.

**ENGL 050-5** (BC=5)  
(5-0) 15 weeks

### Basic English

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 and Composition

Introduction of major literary genres. 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. This course is accepted for admission in lieu of ELA 10-1 and ELA 20-2. 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, and short and long fiction. Employ grammatical structures to demonstrate increasingly sophisticated writing style. Expand and polish research skills. Engl 090 is equivalent to ELA 30-2 for admission to RDC programs. 62  
Prerequisite: ENGL 075 or equivalent 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.  
ENGL 095 is equivalent to ELA 30-1 for admission to RDC programs. Prerequisite: ENGL 090 or equivalent or consent of the Department.

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## 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 Academic Upgrading 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 requiring algebra. Topics include polynomials and factoring; linear equations and their graphs; solving equations and inequalities; problem solving; geometry; and trigonometry. MATH 075 is equivalent to Math 10C for admission to RDC programs. Prerequisite: MATH 050 or equivalent.

**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. MATH 085 is equivalent to Math 20-1 for admission to RDC programs. Prerequisite: MATH 075 or equivalent.

**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. MATH 096 is equivalent to Math 30-1 for admission to RDC programs. Prerequisite: MATH 085 or equivalent.

**MATH 097-5 (BC=5)****(5-0) 15 weeks****Elementary Calculus and Modern**

A senior course recommended for students who will be taking university calculus courses. 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. MATH 097 is equivalent to Math 31 for admission to RDC programs. Prerequisite/co-requisite: MATH 096 or equivalent.  
Note: Students with an applied

mathematics background from high school will be required to upgrade according to the results of their math placement test.

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## 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.  
Prerequisite: 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.

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## Social Studies

**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.

# 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 130 for course description.

## **ART 203-3      Art History II**

See page 130 for course description.

## **ART 301-3      Art History**

See page 131 for course description.

## **ART 303-3      Art History**

See page 131 for course description.

## **ART 305-3      Art History**

See page 131 for course description.

## **ART 306-3      Art History**

See page 131 for course description.

## **ECON 201-3      Introduction to Microeconomics**

See page 143 for course description.

## **ECON 202-3      Introduction to Macroeconomics**

See page 144 for course description.

## **ECON 323-3      International Economics**

See page 144 for course description.

## **ECON 337-3      Development Economics**

See page 144 for course description.

## **ECON 382-3      Intermediate Macroeconomic Theory**

See page 144 for course description.

## **ENGL 391-3      Topic In International Literature**

See page 152 for course description.

## **HIST 314-3      Europe in the Era of the World Wars, 1900-1945**

See page 157 for course description.

## **HIST 315-3      Europe in the Era of the Cold War, 1942-1991**

See page 157 for course description.

## **INTD 370-3      Intersections of Global Health**

See page 162 for course description.

The following courses offer the opportunity for study in an international setting:

### **KENYA**

#### **BIOL 318-3      Principles of Ecology**

See page 133 for course description.

### **KENYA**

#### **ANTH 323-3      Ethnographic Survey of Africa**

See page 129 for course description.

### **BELIZE**

#### **ZOOL 350-3      Survey of the Invertebrates**

See page 197 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 Supérieure de Commerce International Du Pas-De Calais (ESCI) Saint Omer, France  
- Exchange Agreement

Hokkaido Asai Gakuen University Hokkaido, Japan  
- Exchange Agreement

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