Academic Calendar 2025-2026

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Course Guide – Under development.

Academic Schedule 2025-2026

Apprenticeship programs do not follow the academic schedule other than for statutory holidays.

2025

July 2025

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 - Polytechnic closed.
Sixty-second Polytechnic Year begins.
2 – First day of classes for Summer term.
Last day to apply for Supplemental Exams.
Tuition fees for Summer term due.
Registration will be cancelled if tuition is not paid.
7 – Supplemental Exams written.
8 – Last day to register, add or drop Summer term courses.
Last day for tuition refund.
18 – Final Exam schedule posted.
28 – Mid-term feedback for Summer term.

August 2025

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 2026.
4 – Heritage Day - Polytechnic closed.
14 – Last day of classes.
Last day to withdraw from Summer term courses and receive a WD.
20 – First day of Final Exams.
22 – Last day of Final Exams.
27 – **Tuition Fees for Fall term and Full year courses due.**
Registration will be cancelled if tuition is not paid.
Deferred Exams written.
Last day of course waitlist for Fall term.
29 – Last day for submission of final grades.
31 – Final grades available.

September 2025

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

1 – Labour Day – Polytechnic closed.
Last day to apply for Fall term.
2 – New Student Orientation.
3 – First day of classes for Fall term.
8 – Last day to apply for Supplemental Exams.
11 – Last day to register, add or drop Fall term or Full year courses.
Last day for tuition refund.
Supplemental Exams written.
30 – National Day of Truth and Reconciliation. Polytechnic closed.

October 2025

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 2026.
7 – Emergency Response Day.
13 – Thanksgiving Day - Polytechnic closed.
14-17 – Reading Break, No credit classes.
20 – Credit classes resume.
24 – Mid-term feedback for Fall term.

November 2025

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 – Final Exam schedule posted.
11 – Remembrance Day Holiday - Polytechnic closed.

December 2025

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.
Last day to withdraw from Fall term courses and receive a WD.
13 – First day of Final Exams.
Last day of course waitlist for Winter term.
18 – Last day of Final Exams.
19 – Deferred Exams written.
20 – Last day for submission of final grades.
22 – Final grades available.
24 – Polytechnic closed at noon.
25-31 – Polytechnic closed.

2026

January 2026

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 - Polytechnic closed.
2 – No credit classes – Polytechnic open.
    Last day to apply for Winter term.
5 – New Student Orientation.
6 – First day of classes for Winter term.
Tuition Fees for Winter term due.
Registration will be cancelled if tuition is not paid.
Mid-term feedback for Full year courses.
7 – Last day to apply for Supplemental Exams.
10 – Supplemental Exams written.
14 – Last day to register, add or drop Winter term courses.
Last day for tuition refund.

February 2026

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

16 – Family Day - Polytechnic closed.
17-20 – Reading break - No credit classes.
23 – Credit classes resume.
26 – Mid-term feedback Winter term.

March 2026

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 Winter 2027.
13– Final Exam Schedule posted.

April 2026

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 – Good Friday – Polytechnic closed.
13 – Last day of classes.
Last day to withdraw from Full year & Winter term courses and receive a WD.
17 – First day of Final Exams.
22 – Last day of Final Exams.
23 – Deferred Exams written.
Last day of the course waitlist for Spring term.
27– Last day for submission of final grades.
28 – Final grades available.
Last day to apply for Spring term.

May 2026

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						

4 – First day of classes for Spring term.
Tuition fees for Spring term due.
Registration will be cancelled if tuition is not paid.
5 – Continuing Student Registration.
Last Day to apply for Supplemental Exams.
7 – Last day to register, add or drop Spring term courses.
Last day for tuition refund.
8 – Supplemental Exams written.
13 – Final Exam Schedule posted.
18 – Victoria Day. Polytechnic closed.
19 – New Student Registration.
22 – Mid-term feedback for Spring term.

June 2026

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

5 – Convocation.
16 – Last day of classes.
Last day to withdraw from Spring term courses and receive a WD.
19 – First day of Final Exams.
22 – Last day of Final Exams.
23 – Deferred Exams written.
25 – Last day for submission of final grades.
26 – Final grades available.
27-28 – Annual Power Shutdown.
30 – Polytechnic year ends.

July 2026

2 – First day of classes for Summer term.
Last day to apply for Supplemental Exams.
5 – Supplemental Exams written.
30 – Mid-term feedback for Summer term.

Academic Upgrading

Credential
Can earn a High School Equivalency Diploma

Duration
Up to 2 years

Location
Main Campus

The Program
*Please note: 0100 / 0200 level Academic Upgrading courses have been suspended.

The Academic Upgrading program gives adult students an opportunity to

1. upgrade academic skills
2. acquire High School Equivalency Diploma that is accepted by other colleges and universities in Alberta and by most employers
3. upgrade to meet entrance requirements for vocational, career, and university programs
4. develop teamwork skills, work with others, practice problem solving, and develop effective study skills
5. prepare for entry to the workplace or a chosen career
6. create a portfolio of identifiable skills

Program Content
The Academic Upgrading program offers high school equivalency in all academic disciplines (Biology, Chemistry, English, Indigenous Studies, Mathematics, Physics, Science and Social Studies). These courses are accepted in place of Alberta Education courses for admission and prerequisite purposes at RDP. The following describes the course numbering system:

- 0040/0050 Levels –High school preparation courses (English, Mathematics)
- 0100/0200 Levels – Adult Development courses OR Grade 10/11 in high school equivalent courses
- 0300 Levels -Grade 12 high school equivalent courses

Academic Upgrading Courses Offered:

RDP Academic Upgrading Courses	Alberta Education Equivalent
ADEV 0100 Supported Study I	n/a
ADEV 0200 Supported Study II	n/a
BIOL 0200 Introductory Biology	Biology 20

RDP Academic Upgrading Courses	Alberta Education Equivalent
BIOL 0300 Preparatory Biology	Biology 30
CHEM 0200 Introductory Chemistry	Chemistry 20
CHEM 0300 Preparatory Chemistry	Chemistry 30
ENGL 0050 Basic English	Pre-high school English
ENGL 0200 Reading, Viewing and Composition	ELA 10-1 and ELA 20-2
ENGL 0201 Reading and Writing about Literature	ELA 20-1
ENGL 0302 Texts and Contexts of Meaning	ELA 30-2
ENGL 0300 Literature and Composition	ELA 30-1
INDS 0300 Indigenous Studies	Aboriginal Studies 30
MATH 0050 Preparatory Mathematics	Pre-high school Math
MATH 0100 Introductory Algebra	Math 10C
MATH 0200 Intermediate Math Principles	Math 20-2
MATH 0201 Intermediate Algebra	Math 20-1
MATH 0300 Principles of Mathematics	Math 30-2
MATH 0301 Precalculus: Algebra and Trigonometry	Math 30-1
MATH 0310 Introduction to Calculus	Math 31
PHYS 0200 Introductory Physics	Physics 20
PHYS 0300 Preparatory Physics	Physics 30
SCIE 0100 Science 10	Science 10
SOST 0301 Twentieth Century World	Social Studies 30-1

Practical Learning
When entering this program you will take assessments in Math and English to ensure appropriate entry level.

Delivery Options
You can learn in a traditional, classroom setting with an instructor.

Admission Requirements
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. After completing the assessment, you will be contacted by the Academic Advisor regarding your course registration and funding information.

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

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 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 Office of the Registrar to receive this diploma.

RDP High School Equivalency Diploma Requirements:

You must complete five (5) Alberta Education high school courses or their RDP equivalencies to qualify. A minimum of 3 of the following 5 courses must be completed at RDP.

	RDP Course	Alberta Education High School Equivalent
1	ENGL 0302 or ENGL 0300	ELA 30-2 or ELA 30-1
2	MATH 0100 or higher	Math 10C or higher
3	BIOL 0200 or higher CHEM 0200 or higher PHYS 0200 or higher	Biology 20 or higher Chemistry 20 or higher Physics 20 or higher
4	SOST 0301 INDS 0300	Social Studies 30-1 or Aboriginal Studies 30
5	One other course of at least 2 credits that is not a prerequisite to any of the required courses listed above (e.g., 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.

Special Fees and 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 0100, 0200, 0201, 0300,0301 and 0310 courses. It will cost approximately $160.00.

Administrative Professional Certificate

Suspended July 1, 2025 to June 30, 2027

Credential
Certificate

Duration
1 year

Location
Main Campus

The Program
An Administrative Professional 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.

Graduates of the Administrative Professional Certificate 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.

Program Content
Fall Term

- APRO 1100 Information Processing I
- APRO 1110 Document Processing I
- APRO 1126 Basic Accounting
- APRO 1130 Office Systems I
- COMM 1150 Fundamentals of College and Workplace Writing

Winter Term

- APRO 1101 Spreadsheet Fundamentals
- APRO 1102 Computer Essentials
- APRO 1111 Document Processing II
- APRO 1131 Office Systems II
- APRO 1135 Introduction to Industry Sectors
- APRO 1160 Personal Leadership

Spring Term

- APRO 1170 Practicum

Visit RDP's Course Catalogue/Timetable to read detailed course descriptions.

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.

Admission Requirements
50% in ELA 30-1

OR

65% in ELA 30-2

OR

A minimum score of 250 on the Reading component, 250 on the Writing component and 5 on the WritePlacer Test.

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

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. To qualify for the program credential students must complete at least 50% of the credit requirements through enrollment in the program. Application forms for Recognition of Prior Learning are available through the Registrar's Office. Students with keyboarding speed of 35 nwam should apply for Prior Learning Assessment in APRO 1110.

Other Requirements
Note: While not an admission requirement for the program, some practicum agencies and field placements may require Police Information Checks of students working in their organizations. Information about obtaining Police Information Checks will be provided to students after they have been admitted to the program.

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).

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

Related Careers

- Administrative Assistant
- Administrative/HR and Payroll Assistant
- Customer Relations Representative
- Data Entry Technician
- Finance & Operations Clerk
- Customer Relations Representative
- Office Receptionist
- Accounting Assistant
- Processing Clerk

Advanced Accounting Diploma

Credential
Diploma

Duration
2 years

Location
Main Campus

The Program
The Advanced Accounting Diploma (AAD) is ideally suited to graduates of a four-year bachelor's degree who wish to pursue a career as a Chartered Professional Accountant (CPA). The AAD is a bundle of existing Red Deer Polytechnic courses equivalent to the CPA Preparatory program learning outcomes. This credential is fast paced and intense, requiring the student to be focused and disciplined. Graduates of this program are ready to move on to the CPA Professional Education Program while gaining work experience as the next step in the journey to becoming a CPA. Graduates of the AAD can also opt to seek a career as an undesignated accountant if they choose not to continue the path to obtaining a professional designation.

Program Outcomes:

1. Collaboration: Collaborate in and with diverse teams employing interpersonal communication, conflict resolution, teamwork, and leadership skills to build community partnerships, leverage information, and achieve business-related goals.
2. Communication: Communicate effectively across diverse organizational settings utilizing oral, written, nonverbal, and media communication skills.
3. Strategic Thinking and Creative Problem Solving: Integrate creative, critical, and reflective skills and practices to analyze organizational challenges and evaluate business solutions and opportunities.
4. Globalization: Examine the impact of globalization across cultures and markets.
5. Social and Cross Cultural Awareness: Synthesize ideas, perspectives, and worldviews to respond to global, economic, political, social, technological, and systemic inequities in the business environment.
6. Information, Research, Technology, and Financial Fluency: Integrate and apply information literacy, technology, research skills, and numerical and financial fluency to recommend solutions to business decisions.

7. Ethics: Analyze and evaluate diverse organizational situations, demonstrating integrity, ethics, responsibility, and professionalism while ensuring sustainable, equitable, and inclusive practices.
8. Business Leaders - Tools: Apply qualitative and quantitative methods to analyze and evaluate data to inform business decisions.
9. Business Leaders - Analysis: Justify strategies by applying specific knowledge from the functional areas of business, including terminology, business analytical tools, and techniques.
10. Business Leaders – Holistic: Apply inclusive, holistic, entrepreneurial, and socially responsible behaviors when working in, managing and leading teams and organizations.
11. Lifelong Learning: Demonstrate capacities for lifelong-learning and community engagement.
12. Indigenous: Contribute to the advancement of reconciliation and apply principles of Indigenous knowledge, including identifying and describing Indigenous cultural protocols, worldviews, and learning approaches in both a business and societal context.

Program Content

- ACCT 1602 (or ACCT 1001 and ACCT 2001) Introduction to Financial Accounting
- ECON 1100 Business Microeconomics
- BUS 2306 Business Statistics I
- BUS 2311 Business Law
- ACCT 3209 Intermediate Financial Accounting I
- BUS 3211 Management Information Systems
- BUS 3307 Business Statistics II
- FNCE 2310 Corporate Finance
- ACCT 2010 Introductory Management Accounting
- ACCT 2305 Tax I
- ACCT 2204 Intermediate Management Accounting
- ACCT 3210 Intermediate Financial Accounting II
- ACCT 3405 Tax II
- ECON 1101 Business Macroeconomics
- ACCT 4310 Advanced Financial Accounting
- ACCT 4308 Advanced Management Accounting
- ACCT 4306 Audit
- BUS 4990 Strategic Management
- Option X Recommend one of: BUS 3420, BUS 3470, FNCE 4315, WIL 2100. Ensure course pre-requisites are met.

- Option X Recommend one of: Recommend one of: BUS 3420, BUS 3470, FNCE 4315, WIL 2100. Ensure course pre-requisites are met.

Transfer Features
Courses in the Advanced Accounting Diploma transfer to the CPA Preparatory (PREP) courses as per the CPA Alberta Transfer Credit Guide

Admission Requirements
1. Successful completion of a 4-year Canadian degree from a recognized institution in any discipline or equivalent as demonstrated through a recognized credential evaluation service*.

(*Note: the CPA prefers the World Education Services for the purpose of credential evaluation. For non-Canadian degrees, the CPA will only accept course equivalencies where determined as such through the credential evaluation process. The CPA has a 10-year currency requirement for any education requirements.)

and,

2. 65% in Math 30-2, MATH 0300, or equivalent OR 60% in Math 30-1, Math 0301, or equivalent.

Additional Requirements
It is recommended students have their own laptop.

Graduation Requirements
Students must pass all courses and achieve a minimum cumulative GPA of 2.0 to graduate from the Advanced Accounting Diploma.

Note: Students who intend on pursuing a CPA designation and want to be eligible for the CPA Professional Education Program should check grade requirements for Non-Core and Core courses as well as overall GPA requirements as listed on the CPA Alberta Transfer Credit Guide. Non-Core and Core courses at RDP are also identified in the CPA Alberta Transfer Credit Guide.

Related Careers
Graduates are preparing for a career as an accountant with the opportunity to continue on to obtain a Chartered Professional Accountant designation. Related positions include financial accountants, project accountants, property accountants, corporate accountants, tax analysts, and auditors across a variety of private companies, enterprises, and self-employment, as well as public sectors at municipal, provincial, and federal levels.

Advanced Accounting Co-Op Diploma

Credential
Diploma

Duration
2 years

Location
Main Campus

The Program
The Advanced Accounting Diploma, Co-Op Specialization (AAD Co-Op) is ideally suited to graduates of a four-year bachelor's degree who wish to pursue a career as a Chartered Professional Accountant (CPA). The AAD Co-Op is a bundle of existing Red Deer Polytechnic courses equivalent to the CPA Preparatory program learning outcomes. This credential is fast paced and intense, requiring the student to be focused and disciplined. Graduates of this program are ready to move on to the CPA Professional Education Program while gaining work experience as the next step in the journey to becoming a CPA. Graduates of the AAD Co-Op can also opt to seek a career as an undesignated accountant if they choose not to continue the path to obtaining a professional designation. The Co-Op Specialization allows students the opportunity to network and apply knowledge through structured work experience.

Program Outcomes:

1. Collaboration: Collaborate in and with diverse teams employing interpersonal communication, conflict resolution, teamwork, and leadership skills to build community partnerships, leverage information, and achieve business-related goals.
2. Communication: Communicate effectively across diverse organizational settings utilizing oral, written, nonverbal, and media communication skills.
3. Strategic Thinking and Creative Problem Solving: Integrate creative, critical, and reflective skills and practices to analyze organizational challenges and evaluate business solutions and opportunities.
4. Globalization: Examine the impact of globalization across cultures and markets.
5. Social and Cross Cultural Awareness: Synthesize ideas, perspectives, and worldviews to respond to global, economic, political, social, technological, and systemic inequities in the business environment.
6. Information, Research, Technology, and Financial Fluency: Integrate and apply information literacy, technology, research skills, and numerical and financial fluency to recommend solutions to business decisions.

7. Ethics: Analyze and evaluate diverse organizational situations, demonstrating integrity, ethics, responsibility, and professionalism while ensuring sustainable, equitable, and inclusive practices.
8. Business Leaders - Tools: Apply qualitative and quantitative methods to analyze and evaluate data to inform business decisions.
9. Business Leaders - Analysis: Justify strategies by applying specific knowledge from the functional areas of business, including terminology, business analytical tools, and techniques.
10. Business Leaders – Holistic: Apply inclusive, holistic, entrepreneurial, and socially responsible behaviors when working in, managing and leading teams and organizations.
11. Lifelong Learning: Demonstrate capacities for lifelong-learning and community engagement.
12. Indigenous: Contribute to the advancement of reconciliation and apply principles of Indigenous knowledge, including identifying and describing Indigenous cultural protocols, worldviews, and learning approaches in both a business and societal context.

Program Content

- ACCT 1602 (or ACCT 1001 and ACCT 2001) Introduction to Financial Accounting
- ECON 1100 Business Microeconomics
- BUS 2306 Business Statistics I
- BUS 2311 Business Law
- ACCT 3209 Intermediate Financial Accounting I
- BUS 3211 Managment Information Systems
- BUS 3307 Business Statistics II
- FNCE 2310 Corporate Finance
- ACCT 2010 Introductory Management Accounting
- ACCT 2305 Tax I
- COOP 2100 Co-Op Work Term
- ACCT 2204 Intermediate Management Accounting
- ACCT 3210 Intermediate Financial Accounting II
- ACCT 3405 Tax II
- ECON 1101 Business Macroeconomics
- ACCT 4310 Advanced Financial Accounting
- ACCT 4308 Advanced Management Accounting
- ACCT 4306 Audit
- BUS 4990 Strategic Management

- Option X Recommend one of: BUS 3420, BUS 3470, FNCE 4315, WIL 2100. Ensure course pre-requisites are met.
- Option X Recommend one of: Recommend one of: BUS 3420, BUS 3470, FNCE 4315, WIL 2100. Ensure course pre-requisites are met.

Transfer Features
Courses in the Advanced Accounting Diploma transfer to the CPA Preparatory (PREP) courses as per the CPA Alberta Transfer Credit Guide

Admission Requirements
1. Successful completion of a 4-year Canadian degree from a recognized institution in any discipline or equivalent as demonstrated through a recognized credential evaluation service*.

(*Note: the CPA prefers the World Education Services for the purpose of credential evaluation. For non-Canadian degrees, the CPA will only accept course equivalencies where determined as such through the credential evaluation process. The CPA has a 10-year currency requirement for any education requirements.)

and,

2. 65% in Math 30-2, MATH 0300, or equivalent OR 60% in Math 30-1, Math 0301, or equivalent.

Additional Requirements
It is recommended students have their own laptop.

Graduation Requirements
Students must pass all courses and achieve a minimum cumulative GPA of 2.0 to graduate from the Advanced Accounting Diploma.

Co-Op 2100 is a competitive course. Students must interview with a suitable employer and receive a job offer. For this reason, RDP cannot guarantee a co-op placement. Students unable to secure a placement as per the requirements of COOP 2100 must change to the Advanced Accounting Diploma program.

Note: Students who intend on pursuing a CPA designation and want to be eligible for the CPA Professional Education Program should check grade requirements for Non-Core and Core courses as well as overall GPA requirements as listed on the CPA Alberta Transfer Credit Guide. Non-Core and Core courses at RDP are also identified in the CPA Alberta Transfer Credit Guide.

Related Careers
Graduates are preparing for a career as an accountant with the opportunity to continue on to obtain a Chartered Professional Accountant designation. Related positions

include financial accountants, project accountants, property accountants, corporate accountants, tax analysts, and auditors across a variety of private companies, enterprises, and self-employment, as well as public sectors at municipal, provincial, and federal levels.

Agricultural Equipment Technician Apprenticeship (year 2 and 4)

Duration
4 years; 8 weeks at RDP + minimum 1,500 hours on-the-job training each year

Location
Main Campus

The Program
As an Agricultural Equipment Technician, you will repair, overhaul and maintain agricultural equipment including tractors, tillage equipment, seeding equipment and harvesting equipment. Agricultural Equipment Technicians are employed by repair shops and organizations that own or lease heavy equipment used in the agriculture industry.

To register, log on to MyTradesecrets or call 403.342.3100. In-person registration is not available at this time.

Practical Learning

- This technical training has a significant portion of hands-on learning incorporated
- You will spend 50% of your technical training in shops to support and apply the theory you learn in class during your technical training

Fees
For fee information, visit Alberta Apprenticeship and Industry Training.

Related Careers

- Agricultural Equipment Technician
- Journeyperson
- Red Seal endorsement available
- Service manager
- Business owner
- Contractor
- Shop foreman
- Mechanic
- Service Technician

Artificial Intelligence and Data Analytics Post-Baccalaureate Certificate

Credential
Certificate

Duration
1 year

Location
Main Campus

The Program
The Artificial Intelligence and Data Analytics Post-Baccalaureate Certificate (AIDA PBC) is specifically designed for students with degrees that want to cap off their primary field with AIDA skills. It prepares students to be creative problem solvers ready to work in a world of big data, cloud computing, and ever evolving technology. Students practice the machine learning and data analytics lifecycle from data mining, text scraping, and sensor data collection; to data preprocessing, conducting exploratory data analysis, and telling stories with data; to developing machine learning algorithms and data systems; to finally deploying models with security in mind. Graduates can perform data engineering, data visualization, and design artificial intelligence solutions in their field.

Program Outcomes:

1. Collaborate, employing interpersonal communication, teamwork, and leadership skills.
2. Communicate utilizing oral, written, and nonverbal communication skills.
3. Tell stories with data and data visualizations.
4. Employ ethical decision making and demonstrate professionalism.
5. Apply information literacy, technology, coding skills, analytic skills, and numerical fluency to solve problems.
6. Mine, clean, and prepare data for analysis, dependent on data source and type of analysis.
7. Develop efficient code for analyzing information.
8. Examine enterprise issues and design machine learning solutions.
9. Recommend enterprise strategies based on analytical findings.
10. Evaluate effectiveness of algorithms, analytical methods, and/or machine learning solutions.
11. Adopt a mindset of continuous learning and professional growth.

Program Content

- CPRO 1201 Python Programming I
- CPRO 1301 Database Design and SQL
- MATH 1221 Linear Algebra I
- AIDA 1143 Machine Learning Algorithms I
- AIDA 1145 Data Engineering
- PHIL 2399 Technology and Computing
- AIDA 2152 Machine Learning Algorithms II
- AIDA 2154 Computer Vision
- AIDA 2156 Exploratory Data Analysis (EDA)
- WIL 2100 Work Integrated Learning Experience

AND Choose one of:
- AIDA 2360 Internet of Things (IOT)
- AIDA 2362 Geographic Information Systems (GIS)
- AIDA 2364 Graph Theory and Applications in ML
- AIDA 2157 Emerging Techniques in ML and AI
- AIDA 2158 Neural Networks and Deep Learning

Transfer Features
None, currently

Admission Requirements
Students applying to the AIDA PBC must have:

1. Successful completion of a 4-year Canadian degree in any discipline from a recognized institution or equivalent.

and,

2. BUS 2306: Business Statistics I OR STAT 251: Introduction to Statistics, OR equivalent.

Additional Requirements
A laptop computer with course applicable software will be required as specified below:
- Intel quad core CPU (i7) or later generation
- 16GB RAM or greater
- 512 GB SSD or greater, hard drive & storage
- On-board integrated, video card
- 15 inches or greater screen
- Windows 10 Pro/education 64-bit
- Portable hard drive for data backup

Graduation Requirements
Students must pass all courses and achieve a minimum cumulative GPA of 2.0 to graduate from the AIDA PBC.

Related Careers

Graduates are preparing for a career in artificial intelligence and data analytics with an opportunity to choose a focus area based on student selected course options. Related positions include Data Analyst, Machine Learning Analyst, AI Technologist, Business Intelligence Analyst, Data Technologist, Data Administrator, Data Consultant, Marketing Analyst, GIS Technician, Machine Learning Specialists, and Logistics Analyst. Graduates can find these careers across a variety of private sectors with local examples including agriculture, oil and gas, manufacturing, geomatics, and transportation. The public sector has related positions at all government levels as it relates to health, energy, economics, and beyond.

Artificial Intelligence and Data Analytics Post-Baccalaureate, Co-Op Certificate

Credential
Certificate

Duration
1 year

Location
Main Campus

The Program
The Artificial Intelligence and Data Analytics Post-Baccalaureate Certificate, Co-Op Specialization (AIDA PBC Co-Op) is specifically designed for students with degrees that want to cap off their primary field with AIDA skills. It prepares students to be creative problem solvers ready to work in a world of big data, cloud computing, and ever evolving technology. Students practice the machine learning and data analytics lifecycle from data mining, text scraping, and sensor data collection; to data preprocessing, conducting exploratory data analysis, and telling stories with data; to developing machine learning algorithms and data systems; to finally deploying models with security in mind. Graduates can perform data engineering, data visualization, and design artificial intelligence solutions in their field. The Co-Op Specialization allows students the opportunity to network and apply knowledge through structured work experience.

Program Outcomes:

1. Collaborate, employing interpersonal communication, teamwork, and leadership skills.
2. Communicate utilizing oral, written, and nonverbal communication skills.
3. Tell stories with data and data visualizations.
4. Employ ethical decision making and demonstrate professionalism.
5. Apply information literacy, technology, coding skills, analytic skills, and numerical fluency to solve problems.
6. Mine, clean, and prepare data for analysis, dependent on data source and type of analysis.
7. Develop efficient code for analyzing information.
8. Examine enterprise issues and design machine learning solutions.
9. Recommend enterprise strategies based on analytical findings.
10. Evaluate effectiveness of algorithms, analytical methods, and/or machine learning solutions.
11. Adopt a mindset of continuous learning and professional growth.

Program Content

- CPRO 1201 Python Programming I
- CPRO 1301 Database Design and SQL
- MATH 1221 Linear Algebra I
- AIDA 1143 Machine Learning Algorithms I
- AIDA 1145 Data Engineering
- PHIL 2399 Technology and Computing
- AIDA 2152 Machine Learning Algorithms II
- AIDA 2154 Computer Vision
- AIDA 2156 Exploratory Data Analysis (EDA)
- WIL 2100 Work Integrated Learning Experience
- COOP 2100 Co-Op Work Term

AND Choose one of:
1. AIDA 2360 Internet of Things (IOT)
2. AIDA 2362 Geographic Information Systems (GIS)
3. AIDA 2364 Graph Theory and Applications in ML
4. AIDA 2157 Emerging Techniques in ML and AI
5. AIDA 2158 Neural Networks and Deep Learning

Transfer Features
None, currently

Admission Requirements
Students applying to the AIDA PBC Co-Op must have:

Successful completion of a 4-year Canadian degree in any discipline from a recognized institution or equivalent.

and,

BUS 2306: Business Statistics I OR STAT 251: Introduction to Statistics, OR equivalent.

Additional Requirements
A laptop computer with course applicable software will be required as specified below:
- Intel quad core CPU (i7) or later generation
- 16GB RAM or greater
- 512 GB SSD or greater, hard drive & storage
- On-board integrated, video card
- 15 inches or greater screen
- Windows 10 Pro/education 64-bit
- Portable hard drive for data backup

Graduation Requirements

Students must pass all courses including the Co-Op Work Term (COOP 2100) and achieve a minimum cumulative GPA of 2.0 to graduate from the AIDA PBC Co-Op Specialization.

Students are initially admitted to the Artificial Intelligence and Data Analytics PBC which has common courses with the Artificial Intelligence and Data Analytics PBC Co-Op Specialization. Students will change their program to the Co-Op Specialization upon meeting the pre-requisites for COOP 2100. COOP 2100** is a required course in the Co-Op Specialization. The pre-requisites for COOP 2100 include: a minimum of 60 credits, good academic standing, completion of the CEED Work Readiness modules, and a job offer with a suitable employer. RDP cannot guarantee a Co-Op placement if students are unable to secure a job offer. Students who do not meet the requirements for the Co-Op specialization will be eligible to graduate with the Artificial Intelligence and Data Analytics PBC.

Related Careers
Graduates are preparing for a career in artificial intelligence and data analytics with an opportunity to choose a focus area based on student selected course options. Related positions include Data Analyst, Machine Learning Analyst, AI Technologist, Business Intelligence Analyst, Data Technologist, Data Administrator, Data Consultant, Marketing Analyst, GIS Technician, Machine Learning Specialists, and Logistics Analyst. Graduates can find these careers across a variety of private sectors with local examples including agriculture, oil and gas, manufacturing, geomatics, and transportation. The public sector has related positions at all government levels as it relates to health, energy, economics, and beyond.

Artificial Intelligence and Data Analytics Diploma

Credential
Diploma

Duration
2 year

Location
Main Campus

The Program
The Artificial Intelligence and Data Analytics (AIDA) Diploma prepares students to be creative problem solvers ready to work in a world of big data, cloud computing, and ever evolving technology. Students practice the machine learning and data analytics lifecycle from data mining, text scraping, and sensor data collection; to data preprocessing, conducting exploratory data analysis, and telling stories with data; to developing machine learning algorithms and data systems; to finally deploying models with security in mind. Graduates can perform data engineering, data visualization, and design artificial intelligence solutions for a variety of industries such as business, manufacturing, health, agriculture, transportation, energy, and forestry.

Program Outcomes:

1. Collaborate, employing interpersonal communication, teamwork, and leadership skills.
2. Communicate utilizing oral, written, and nonverbal communication skills.
3. Tell stories with data and data visualizations.
4. Employ ethical decision making and demonstrate professionalism.
5. Apply information literacy, technology, coding skills, analytic skills, and numerical fluency to solve problems.
6. Mine, clean, and prepare data for analysis, dependent on data source and type of analysis.
7. Develop efficient code for analyzing information.
8. Examine enterprise issues and design machine learning solutions.
9. Recommend enterprise strategies based on analytical findings.
10. Evaluate effectiveness of algorithms, analytical methods, and/or machine learning solutions.
11. Adopt a mindset of continuous learning and professional growth.

Program Content

Year 1, Semester 1

- ENGL 1212 English for Engineering Students
- ENGL 1219 Essay Writing and Critical Reading
- CPRO 1011 Communications in the Workplace
- COMM 1250 Business and Workplace Writing
- AIDA 1141 Introduction to Machine Learning and Data Science
- BUS 2306 Business Statistics I
- STAT 1251 Introductory Statistics
- CPRO 1201 Python I
- CPRO 1301 Database Design and SQL

Year 1, Semester 2

- MATH 1221 Linear Algebra
- AIDA 1143 Machine Learning Algorithms I
- AIDA 1145 Data Engineering
- PHIL 2399 Technology and Computing
- ML Stream: BUS 2110 Management Principles
- BIO Stream: 1217 Cell Biology
- BIO Stream: 1218 Evolution and Biological Diversity
- OPEN Option: Any 3-credit course at RDP

Year 2, Semester 1

- AIDA 2152 Machine Learning Algorithms II
- AIDA 2154 Computer Vision
- AIDA 2156 Exploratory Data Analysis (EDA)
- ML Stream: ENT 2251 Innovation and Entrepreneurship
- ML Stream: ESB 2254 Project Design and Management
- ML Stream: AIDA 2360 Internet of Things (IOT)
- ML Stream: AIDA 2362 Geographic Information Systems (GIS)
- BI Stream: MKT 2242 Marketing Research
- BI Stream: ENT 2368 Business Analysis
- BIO Stream: ESB 2254 Project Design and Management
- BIO Stream: AIDA 2360 Internet of Things (IOT)
- BIO Steam: AIDA 2366 Bioinformatics

Year 2, Semester 2

- ML Steam: AIDA 2364 Graph Theory and Applications in ML
- ML Stream: AIDA 2362 Graphic Information Systems (GIS)

- ML Stream: AIDA 2372 Machine Learning Deployment
- BI Stream: ESB 2204 Leadership and Interpersonal Skills
- BI Stream: AIDA 2360 Internet of Things (IOT)
- BI Stream: AIDA 2362 Geographic Information Systems (GIS)
- BI Stream: AIDA 2364 Graph Theory and Applications in ML
- BI Stream: ENT 2374 Enterprise Analytics
- BIO Stream: AIDA 2376 Epidemiological Data Analytics
- BIO Stream: AIDA 2362 Geographic Information Systems (GIS)
- BIO Stream: AIDA 2370 Clinical Trials
- WIL 2100 Work Integrated Learning Experience
- AIDA 2157 Emerging Techniques in ML
- AIDA 2158 Neural Networks and Deep Learning

For Bachelor of Science Minor

- AIDA 2378 Storytelling with Data

Transfer Features
None, currently

Admission Requirements
Students applying to the program must have:

- 60% in ELA 30-2, ENGL 0300, or equivalent OR 50% in ELA 30-1, ENGL 0301, or equivalent.

and,

- 50% in Math 30-1, Math 0301, or equivalent

In-Program Requirements
WIL 2100: Work Integrated Learning Experience:

WIL 2100 is a required course in both AIDA and AIDA Co-Op. Students must meet the pre-requisites for this course established for the AIDA Diplomas which include: a minimum of 60 credits completed, good academic standing, and completion of the CEED Work Readiness modules.

(**Note: Students taking WIL 2100 should be prepared to incur the costs of a work placement. This could include suitable attire, travel to and from the placement, and other incidentals.)

Additional Requirements
A laptop computer with course applicable software will be required as specified below:
- Latest generation of Intel quad core CPU
- Minimum 16GB RAM

- Minimum 512 GB SSD, hard drive and storage
- Latest version of Windows Operating System
- Method for data backup (USD key, Cloud, etc.)

Graduation Requirements
Students must pass all courses and achieve a minimum cumulative GPA of 2.0 to graduate from the Artificial Intelligence and Data Analytics Diploma.

Related Careers
Graduates are preparing for a career in artificial intelligence and data analytics with an opportunity to choose a focus area based on student selected course options. Related positions include Data Analyst, Machine Learning Analyst, AI Technologist, Business Intelligence Analyst, Data Technologist, Data Administrator, Data Consultant, Marketing Analyst, GIS Technician, Machine Learning Specialists, and Logistics Analyst. Graduates can find these careers across a variety of private sectors with local examples including agriculture, oil and gas, manufacturing, geomatics, and transportation. The public sector has related positions at all government levels as it relates to health, energy, economics, and beyond.

Artificial Intelligence and Data Analytics, Co-Op Diploma

Credential
Diploma

Duration
2 year

Location
Main Campus

The Program
The Artificial Intelligence and Data Analytics (AIDA) Diploma prepares students to be creative problem solvers ready to work in a world of big data, cloud computing, and ever evolving technology. Students practice the machine learning and data analytics lifecycle from data mining, text scraping, and sensor data collection; to data preprocessing, conducting exploratory data analysis, and telling stories with data; to developing machine learning algorithms and data systems; to finally deploying models with security in mind. Graduates can perform data engineering, data visualization, and design artificial intelligence solutions for a variety of industries such as business, manufacturing, health, agriculture, transportation, energy, and forestry.

Program Outcomes:

1. Collaborate, employing interpersonal communication, teamwork, and leadership skills.
2. Communicate utilizing oral, written, and nonverbal communication skills.
3. Tell stories with data and data visualizations.
4. Employ ethical decision making and demonstrate professionalism.
5. Apply information literacy, technology, coding skills, analytic skills, and numerical fluency to solve problems.
6. Mine, clean, and prepare data for analysis, dependent on data source and type of analysis.
7. Develop efficient code for analyzing information.
8. Examine enterprise issues and design machine learning solutions.
9. Recommend enterprise strategies based on analytical findings.
10. Evaluate effectiveness of algorithms, analytical methods, and/or machine learning solutions.
11. Adopt a mindset of continuous learning and professional growth.

Program Content

Year 1, Semester 1

- ENGL 1212 English for Engineering Students
- ENGL 1219 Essay Writing and Critical Reading
- CPRO 1011 Communications in the Workplace
- COMM 1250 Business and Workplace Writing
- AIDA 1141 Introduction to Machine Learning and Data Science
- BUS 2306 Business Statistics I
- STAT 1251 Introductory Statistics
- CPRO 1201 Python I
- CPRO 1301 Database Design and SQL

Year 1, Semester 2

- MATH 1221 Linear Algebra
- AIDA 1143 Machine Learning Algorithms I
- AIDA 1145 Data Engineering
- PHIL 2399 Technology and Computing
- ML Stream: BUS 2110 Management Principles
- BIO Stream: 1217 Cell Biology
- BIO Stream: 1218 Evolution and Biological Diversity
- OPEN Option: Any 3-credit course at RDP

Year 2, Semester 1

- AIDA 2152 Machine Learning Algorithms II
- AIDA 2154 Computer Vision
- AIDA 2156 Exploratory Data Analysis (EDA)
- ML Stream: ENT 2251 Innovation and Entrepreneurship
- ML Stream: ESB 2254 Project Design and Management
- ML Stream: AIDA 2360 Internet of Things (IOT)
- ML Stream: AIDA 2362 Geographic Information Systems (GIS)
- BI Stream: MKT 2242 Marketing Research
- BI Stream: ENT 2368 Business Analysis
- BIO Stream: ESB 2254 Project Design and Management
- BIO Stream: AIDA 2360 Internet of Things (IOT)
- BIO Steam: AIDA 2366 Bioinformatics

Year 2, Semester 2

- ML Steam: AIDA 2364 Graph Theory and Applications in ML
- ML Stream: AIDA 2362 Graphic Information Systems (GIS)

- ML Stream: AIDA 2372 Machine Learning Deployment
- BI Stream: ESB 2204 Leadership and Interpersonal Skills
- BI Stream: AIDA 2360 Internet of Things (IOT)
- BI Stream: AIDA 2362 Geographic Information Systems (GIS)
- BI Stream: AIDA 2364 Graph Theory and Applications in ML
- BI Stream: ENT 2374 Enterprise Analytics
- BIO Stream: AIDA 2376 Epidemiological Data Analytics
- BIO Stream: AIDA 2362 Geographic Information Systems (GIS)
- BIO Stream: AIDA 2370 Clinical Trials
- WIL 2100 Work Integrated Learning Experience
- AIDA 2157 Emerging Techniques in ML
- AIDA 2158 Neural Networks and Deep Learning

For Bachelor of Science Minor

- AIDA 2378 Storytelling with Data

Transfer Features
None, currently

Admission Requirements
Students applying to the program must have:

- 60% in ELA 30-2, ENGL 0300, or equivalent OR 50% in ELA 30-1, ENGL 0301, or equivalent.

and,

- 50% in Math 30-1, Math 0301, or equivalent

In Program Requirements
Students are initially admitted to the Artificial Intelligence and Data Analytics Diploma which has common courses with the Artificial Intelligence and Data Analytics Co-Op Specialization Diploma. Students will change their program to the Co-Op Specialization upon meeting the pre-requisites for COOP 2100. COOP 2100** is a required course in the Co-Op Specialization. The pre-requisites for COOP 2100 include: a minimum of 60 credits, good academic standing, completion of the CEED Work Readiness modules, and a job offer with a suitable employer. RDP cannot guarantee a Co-Op placement if students are unable to secure a job offer. Students who do not meet the requirements for the Co-Op specialization will be eligible to graduate with the Artificial Intelligence and Data Analytics Diploma.

 (**Note: Students taking COOP 2100 should be prepared to incur the costs of employment. This could include suitable attire, travel to and from work, and other incidentals.)

<u>WIL 2100: Work Integrated Learning Experience</u>: WIL 2100 is a required course in both AIDA and AIDA Co-Op. Students must meet the pre-requisites for this course established for the AIDA Diplomas which include: a minimum of 60 credits completed, good academic standing, and completion of the CEED Work Readiness modules.

(**Note: Students taking WIL 2100 should be prepared to incur the costs of a work placement. This could include suitable attire, travel to and from the placement, and other incidentals.)

Additional Requirements
A laptop computer with course applicable software will be required as specified below:
- Latest generation of Intel quad core CPU
- Minimum 16GB RAM
- Minimum 512 GB SSD, hard drive and storage
- Latest version of Windows Operating System
- Method for data backup (USD key, Cloud, etc.)

Graduation Requirements
Students must pass all courses including the Co-Op Work Term (COOP 2100) and achieve a minimum cumulative GPA of 2.0 to graduate from the AIDA Co-Op Specialization.

Related Careers
Graduates are preparing for a career in artificial intelligence and data analytics with an opportunity to choose a focus area based on student selected course options. Related positions include Data Analyst, Machine Learning Analyst, AI Technologist, Business Intelligence Analyst, Data Technologist, Data Administrator, Data Consultant, Marketing Analyst, GIS Technician, Machine Learning Specialists, and Logistics Analyst. Graduates can find these careers across a variety of private sectors with local examples including agriculture, oil and gas, manufacturing, geomatics, and transportation. The public sector has related positions at all government levels as it relates to health, energy, economics, and beyond.

Automotive Service Technician Apprenticeship

Credential
Alberta Journeyperson Certificate

Duration
4 years (four 12-month periods) including a minimum of 1560 hours each year of on the job training and 8 weeks of classroom instruction each at RDP.

Location
Main Campus

Fees
For fee information, visit [Red Deer Polytechnic Automotive Service Technician Apprenticeship Program Costs page](#).

The Program
The classroom instruction component of the Automotive Service Technician Apprenticeship training program at RDP involves traditional classroom theory delivery (may include blended learning), a variety of digital learning tools, various quizzes, examinations, and applied practical hands-on shop training.

Automotive service technicians perform preventative maintenance, diagnose faulty operations and repair automotive vehicles and light trucks.

Automotive service technicians adjust, test and repair engines, steering systems, braking systems, drive trains, vehicle suspensions, electrical systems, and air-conditioning systems, and do wheel alignments. In large shops, they sometimes specialize in repairing, rebuilding, and servicing specific parts (e.g. transmissions, engines, electrical components, etc.). In smaller shops, automotive service technicians may work on a wider variety of repair jobs.

Apprentices are expected to demonstrate progress in their apprenticeship program within 18 months by engaging in an activity that will lead to the completion of a period of the program.

Admission Requirements
Minimum:
- English 20-2
- Math 20-3
- Science 10

OR

A pass mark in all five Canadian General Educational Development (GED)
OR
Canadian Adult Education Credential (CAEC) tests
OR
Entrance Exam

Recommended:
- English 30-2
- Math 30-3
- Physics 30 OR Chemistry 30 OR Science 30
- Related Career and Technology Studies (CTS) courses

Other Requirements
To learn the skills required of a Automotive Service Technician in Alberta and to be issued an Alberta Journeyperson Certificate, a person must find a suitable industry employer who is willing to hire, sponsor, and train an apprentice. For more information, please visit the Alberta Apprenticeship and Industry Training – Automotive Service Technician webpage.

Graduation Requirements
Journeyperson Certificate is based on accumulated work experience and successful technical training outcomes.

Continue Your Learning
Upon successful completion of the apprenticeship program, the apprentice will receive a journeyperson certificate and an AIT Advanced Diploma educational credential.

Apprentices may attempt the Interprovincial Exam in the final period of their apprenticeship training and, if successful, be granted a Red Seal.

Related Careers

- Automotive Service Technician
- Automotive Service Writer
- Automotive Service Manager
- Automotive Fleet manager
- Independent Service Shop Owner
- Mobile Service Technician
- Automotive Service Educator

Aviation Certificate

Credential
Business Certificate | Collaboration with Sky Wings Aviation

Duration
1 year

Location
Main Campus

The Program
Sky Wings Aviation Academy offers a two-year diploma in Aviation in partnership with RDP. Academic courses for a Business Certificate are taken at RDP. You will graduate with a strong background in business and subjects related to flight in modern high-performance transport aircraft.

You will receive a Commercial Pilot License at the end of the first year. In the second year, you will have the option of obtaining either a Multi-Engine Instrument Rating or a Flight Instructor Rating, along with a Single Engine Instrument Rating. You will also receive a Business Certificate from RDP.

Contact Information: Contact Skywings Aviation

> **Sky Wings Aviation Academy Ltd.**
> Box 190, Penhold, AB T0M 1R0.
> Phone 403.886.5191 OR 1.800.315.8097
> Fax 403.886.4279
> Website: skywings.com

Program Content
Preparatory as required

Flight training to achieve a Private Pilots License can be done at Sky Wings Aviation. Ten Business Administration courses are required to complete the Business Certificate.

Sky Wings courses include:

- Aviation 101 Human Factors, Navigation, Engines, Air Regs
- Aviation 102 Commercial Pilot's License Flight Training
- Aviation 201 Theory of Flight, Meteorology, Weight and Balance, Air Carriers
- Aviation 202 Flight Training

- Aviation 301 Advanced Meteorology, Advanced Navigation, Instrument Flight Procedures
- Aviation 401 Instructional Technique, Airline Management, First Aid, Survival Training, Theory of Flight, Crew Resource Management

Option 1

- Aviation 403 Single Engine IFT
- Aviation 502 Instructor Rating

Option 2

- Aviation 303 Multi-Engine Endorsement Flight Training
- Aviation 402 Multi-Engine Instrument Rating Flight Training (prerequisite to 404)
- Aviation 404 PCC on Advanced Twin Aircraft

*All above courses are requirements as well as one of the stated options.

Admission Requirements

A. Academics

Successful completion of high school including the following courses or their equivalent. If you are unsure if your transcript will meet requirements, please contact us by telephone or fax.

- Mathematics 30-1 or Mathematics 30-2
- English 30-1 or English 30-2
- Accounting and Computer experience is recommended
- Mathematics 31 is recommended
- Physics is an asset but not required

B. Medical Fitness

Candidates must be cleared to Commercial Pilot Medical Standards (Category 1) by a Ministry of Transport Doctor. Call Sky Wings for a list of specified Doctors in your area.

C. Private Pilot's License

Applicants may be conditionally accepted into the program subject to being in possession of a medical at the time of registration. Sky Wings Aviation offers an accelerated six week private pilot course during the months of July and August or it may be completed by entering in September and enrolling in the private pilot course along with the normal academic course load.

D. Fee Structure

Fees will vary for individual students, however, an approximate figure of $40,000.00 for the two years may be used for planning purposes.

Students will be required to make a deposit of $500.00 to hold a position upon registration, and one of $5,000.00 prior to the commencement of each semester. Subsequent course costs are payable midway through the term. Maximum funding available from Alberta Student Loans to qualified applicants is currently $27,000.00 for the entire program. Out-of-province students may be eligible through their respective finance boards (i.e. Saskatchewan, Manitoba, Ontario, etc.)

Some scholarships are available. Contact Sky Wings Aviation for a list of benefactors and application procedures.

E. How to Apply

Since, for practical purposes, each class is limited to 25 students, you are advised to apply as soon as possible to Sky Wings, complete and return the application form with a $75.00 non-refundable fee. Applications should be submitted by April 1 for September, and by August 30 for classes starting in January. Late applications will be reviewed as space permits. (Faxes are acceptable and fees may be paid by credit card.)

F. Duration

The Aviation Diploma program includes 2 semesters in each of two years. Each semester is fifteen weeks long. The academic program will take approximately half the student's time, and the flying theory and flight instruction part of the program will take the other half of this time. The program can be structured for the individual and an accelerated curriculum can be arranged. Contact the Program Coordinator and we can plan for your career needs.

Graduation Requirements

Sky Wings will award a diploma if you pass all courses and achieve a minimum cumulative GPA of 2.00. You must also have obtained a Commercial Pilot's License with a Multi Engine Instrument Rating OR a Commercial Pilot License with an Instrument Rating and Single Engine Instrument Rating.

Upon completion you could receive:

1. Sky Wings Aviation Academy Diploma
2. RDP Business Certificate

Sky Wings will award a diploma if you pass all courses and achieve a minimum cumulative GPA of 2.00. You must also have obtained a Commercial Pilot's License with a Multi Engine Instrument Rating OR a Commercial Pilot License with an Instrument Rating and Single Engine Instrument Rating.

Upon completion you could receive:

1. Sky Wings Aviation Academy Diploma
2. RDP Business Certificate

Bachelor of Applied Arts, Animation and Visual Effects

Credential
Bachelor of Applied Arts

Duration
4 years

Location
Main Campus

Bachelor of Applied Arts, Animation and Visual Effects is available in a blended (online and main campus) delivery, as well as in person.

The Program
The Animation and Visual Effects program includes experiences in all stages of the 3D animation and visual effects production pipeline including pre-production (drawing, layout, design, storyboarding), production (modelling, texture painting, sculpting, animation, rigging), and post-production (lighting, compositing, effects).

The majority of courses are taught in purpose-built computer labs with dedicated workstations featuring robust hardware and industry standard software packages. A lease-to-own program allows students to leave the program with a high quality computer and drawing monitor.

Core classes are supplemented with courses in Communications, Storytelling, and a broad range of electives.

The final year of the program is an applied year of study where faculty and industry mentors guide students in the creation of professional demo reels. Students who are able to secure relevant work or internships during this year can use their employment time as credit towards the completion of the degree.

Students who complete the Bachelor of Applied Arts in Animation and Visual Effects will be well-prepared for entry-level positions as 3D generalists or specialists in small, medium, or large professional studio settings and will also be able to work as freelance or independent 3D digital artists.

Graduates will also possess soft skills related to problem solving, professional and ethical conduct, self-direction, self-reflection, and adaptability, which are extremely valuable regardless of the profession.

Practical Learning

- The majority of the program provides students with applied, hands-on learning experiences and technical skills that prepare them for successful careers by mimicking real-world workflows and studio environments.
- Applied 4th year: The fourth year of the program has no formal classes. During this applied year, students are guided and supported by professional staff and faculty in creating their demo reels

Program Outcomes:

- Develop stories through the visual medium of animation
- Develop and demonstrate a foundation for executing the creative process
- Develop and demonstrate fundamental artistic skills
- Apply the principles of acting for animators within animation assignments
- Apply technical knowledge using a variety of animation industry relevant software
- Construct animations, following a current and typical animation production pipeline with a focus on techniques
- Demonstrate a high level of proficiency in a chosen area within the animation pipeline (character animator, modeler, lighter, texture artist)
- Create pre-visualizations in 3D software for a variety of industries
- Compose drawings, with a wide variety of media, to serve different stages of the animation industry
- Recognize and discuss work and gender cultural diversity (aboriginal/global/gender perspectives/awareness)
- Develop a personal portfolio/demo reel—at an industry accepted level—showcasing a combination of: completed animation scenes; and/or visual effects shots; and/or animated shorts; and/or textured 3D models; and/or scenes lit in 3D software; and/or pre-visualization
- Demonstrate teamwork, time management, self-direction, self-motivation and self-evaluation, to be able to respond appropriately to feedback
- Apply entrepreneurial skills in order to seek out and create meaningful career opportunities locally and globally in pre-existing, as well as new, personally created areas of animation

Program Content
Year One:

- AVFX 1101 3D Animation Fundamentals
- AVFX 1103 Layout and Design
- AVFX 1107 3D Animation and Visual Effects
- AVFX 1109 Animation History
- AVFX 1110 Drawing and Sculpting from Life
- AVFX 2211 Storyboarding
- ART 1241 Drawing I

- COMM 1210 Communication for Creative Arts
- CREA 1110 Storytelling I
- Elective 1/5

Year Two:

- AVFX 2201 Modelling and Texture Painting I
- AVFX 2203 3D Character Animation I
- AVFX 2205 Life Drawing
- AVFX 2207 Colour and Light
- AVFX 2209 Compositing I
- AVFX 2213 Rigging I
- AVFX 2215 Digital Sculpting
- Elective 2/5
- Elective 3/5
- Elective 4/5

Year Three

- AVFX 3301 Advanced Texture Painting
- AVFX 3303 3D Character Animation II
- AVFX 3305 Advanced Modelling and Sculpting
- AVFX 3307 Lighting and Rendering
- AVFX 3309 Compositing II
- AVFX 3311 Special Projects in Collaboration
- AVFX 3313 Rigging II
- AVFX 3319 Effects
- Elective 5/5

Year Four

- AVFX 4405 Area of Specialization I
- AVFX 4410 Area of Specialization II

Visit RDP's Course Catalogue/Timetable to read detailed course descriptions.

Delivery Options
Bachelor of Applied Arts, Animation and Visual Effects is available in a blended (online and main campus) delivery, as well as in person.

Admission Requirements
Admission requirements for specific programs will often refer to Alberta Grade 12 course groups. Visit the Admissions page for detailed group descriptions.

Minimum 60% in ELA 30-1 and a minimum 50% in a Group A, B, or C course or a 5-credit Advanced CTS course.

Additional Requirements:
In addition to the general academic requirements for admission, students will be required to submit a Career Investigation Report to be used as a readiness assessment tool. Specific guidelines, parameters, and requirements for the letter will be provided to applicants. As well, an assessment matrix for evaluating these letters has been developed.

Graduation Requirements
Students must pass all courses with a minimum cumulative GPA of 2.0.

Related Careers

- 3D Animator
- FX Artist
- Compositor
- Rotoscope Artist
- Matchmoving Artist
- Layout Artist
- Modellers
- Rigging Visual Effects Artist
- Storyboard Artist
- Shading/Texture Artist
- Lighting Technical Director
- Previs Artist
- Visual Effects Supervisor
- Storyboard Artist
- Educator

Bachelor of Applied Arts, Film Production

Credential
Bachelor of Applied Arts Degree

Duration
4 years

Location
Main Campus

The Program
Students who complete the Bachelor of Applied Arts, Film Production will be well prepared for entry level work as performers, directors, producers, or technicians on film sets and in production companies, and they will also possess the skills and attributes to collaborate with others in the creative arts to develop independent projects that serve the film needs of local industry.

The 4th year of the program is dedicated to mentored work-related experience where students can work in a relevant industry or on independent projects.

Program Outcomes:

Film Production

1. Practice teamwork and professionalism throughout the film pre-production, production, and post-production process.
2. Employ creativity and problem solving skills in the process of filmmaking.
3. Communicate clearly in verbal, written and visual forms within accepted film industry based parameters addressing diverse audiences.
4. Evaluate film production information and requirements.
5. Employ film production industry safety procedures.
6. Employ film production industry standard language and terminology.
7. Practice film production industry standard ethics and set etiquette.
8. Practice career, entrepreneurial and life management skills with growing confidence (networking, creative vision, marketing).
9. Analyze own and others' work in order to provide and appropriately respond to feedback.
10. Recognize and discuss work of cultural and gender diversity (aboriginal/global/gender perspectives/awareness).
11. Demonstrate depth and breadth of skills in film (pre-production, production, post-production).

Practical Learning

- The skills you will gain throughout the program will be directly applicable to all forms of production in the entertainment industry. If you have an interest in performing there will be plenty of optional opportunities to audition, get in front of the camera and perform on working film sets while receiving professional guidance and mentorship
- During the fourth year of the program you will gain industry related work experience or be guided and supported by faculty and industry experts in the creation of your own projects. The practicum provides even more opportunity for you to customize your experience and practice your craft in any medium, including theatre, film, television, radio, voice over, animation, you name it!
- View every stage of your films production in our 100 seat cinema, with 2K Christie Projector and full 5.1 Dolby surround sound. Work in our full post-production facilities, which include a professional level color grading suite and 5.1 audio mixing facility
- Shoot your films in our dedicated sound stage complete with green screen, professional camera packages, Steadicam, LED film production lights, extensive grip equipment including dolly, track and camera jib, and dedicated private editing suites

Program Content
Year One:

- CREA 1110 Storytelling I
- COMM 1210 Communication for Creative Arts
- PROD 1100 Production Fundamentals I
- PROD 1101 Production Fundamentals II
- PROD 1103 Film Production I
- PROD 1100 Introduction to Film Projects
- SCA Elective
- SCA Elective

One of:

- AVFX 1109 Animation History
- FILM 1201 Film Art
- FILM 1202 Film History
- MUSI 1233 Introduction to Music History
- ART 1201 Art History I
- ART 1203 Art History II

One of:

- ART 1231 Visual Fundamentals 2D
- ART 1241 Drawing I

Year Two:

- FTLE 2205 Directing I
- FTLE 2210 Storytelling II
- FTLE 2215 Business for Stage and Screen
- FTLE 2220 Projects I
- PROD 2203 Film Production II
- PROD 2204 Film Production III
- PROD 2221 Documentary Fundamentals
- Acting or Production Elective
- SCA Elective
- Breadth Elective

One of:

- PROD 2205 Advanced Cinematography I
- AVFX 2209 Post Production I

Year Three:

- FTLE 3305 Workshops I
- FTLE 3306 Workshops II
- ACT 3326 Directing for Film I
- PROD 3300 Film Projects I
- PROD 3301 Film Projects II
- PROD 3303 Film Production IV
- PROD 3304 Film Production V
- PROD 3307 Business for Film Production
- PROD 3315 Screenwriting
- Production Elective
- SCA Elective
- Breadth Elective

Year Four:

- FTLE 4405 Applied Practicum I
- FTLE 4410 Applied Practicum II

Admission Requirements
Admission requirements for specific programs will often refer to Alberta Grade 12 course groups. Visit the Admissions page for detailed group descriptions.

Minimum 60% in ELA 30-1 and a minimum 50% in a Group A, B, or C course.

Additional Requirements
To be accepted, student must have a successful interview.

A 30-level Fine Arts course is recommended.

Graduation Requirements

Students must pass all courses required for the degree with a minimum cumulative GPA of 2.0.

Related Careers

- Film/Theatre/Television Actor
- Scriptwriter
- Producer
- Director
- Cinematographer
- Camera Operator
- Set/Costume/Lighting Designer
- Sound Recordist/Engineer
- Picture/Sound Editor
- Production/Stage Manager
- Script Supervisor
- Stage Carpenter/Grip
- Lighting Technician/Gaffer
- Special Effects Technician
- Wardrobe Supervisor
- Set Decorator/Scenic Painter
- Property Master
- Technical Director
- Location Manager

Bachelor of Arts in Psychology

Credential
Bachelor's Degree

Duration
4 Years

Location
Main Campus

The Program
Psychology is the scientific study of thought, emotion, and behaviour; with a focus on the dynamic interplay of biology and environment. Red Deer Polytechnic offers both Bachelor of Arts in Psychology or Bachelor of Science in Psychology. Students will acquire knowledge of various areas of specialization within Psychology (e.g., social, cognitive, developmental, clinical, neuro/biological, health); embedded within the program are themes of wellness and creative problem-solving. Experiential learning such as community service and applied research provide valuable hands-on exposure to the application of psychology to solve problems and create positive social impact. Research in and application of psychology are valued within a wide variety of contexts such as universities, schools, hospitals, clinics, legal professions, corporations, and non-profit organisations. Skills developed by psychology students (e.g., critical thinking, academic writing, research and analysis, the scientific method, interpersonal communication, and emotional intelligence) prepare them for future employment in a wide variety of contexts, as well as for graduate level education in psychology or a related field, or for entry into professional programs (e.g., law and medicine).

Students can complete the full degree in four years of study. Students who have completed many of Red Deer Polytechnic's two-year diplomas including the University Arts Diploma, Social Work Diploma, and Justice Studies Diploma will be recognized for 60 credits of study and enter directly into Year 3 of study (with specific course requirements to fulfill degree completion criteria). Students who have completed another Diploma program may also be able to enter the degree in Year 3, depending on the credential. Students who have previously completed a degree may be eligible to complete this B.A. with one additional year of study.

Students may choose to complete a minor in Anthropology, Communication Studies, Economics, English, History, Philosophy, Political Science, and Sociology. Some disciplinary minors may have courses that require prerequisites or specific sequences or courses. Students should consult planning guides for details of a particular minor.

At the end of a Bachelor of Arts or Bachelor of Science in Psychology at Red Deer Polytechnic, students will be able to:

1. Recognize the provisional nature, inherent complexity, and ambiguity of knowledge.
2. Engage in scholarly inquiry to identify and investigate theoretical and applied questions using disciplinary methods and dissemination mechanisms.
3. Demonstrate detailed knowledge in one or more specializations and integrate knowledge and perspectives across disciplinary boundaries.
4. Demonstrate intellectual integrity and academic accountability.
5. Reflect on diverse socio-cultural forces, and the importance of inclusive attitudes and practices.
6. Analyse and interpret historical and contemporary events, texts, and data within and across disciplines.
7. Demonstrate collaborative, independent, and inclusive attitudes and practices.
8. Approach global and local issues from a critical and theoretically informed viewpoint.
9. Recognize wellness as part of the human condition.

Program Content
The degree pathway for the Bachelor of Arts in Psychology is:

Students in the Bachelor of Arts in Psychology degree program achieve a minimum cumulative GPA of 2.0 and complete a minimum of 120 credits with at least (all courses are 3 credits unless otherwise noted):

- 102 Credits in Arts and Sciences minimum with a maximum of 72 Credits in Psychology
- 45 Credits in Psychology (minimum) including:
  - PSYC 1001
  - PSYC 1002
  - PSYC 2713
  - PSYC 2714
  - PSYC 2241
  - PSYC 2653 OR PSYC 2657
  - PSYC 2475
  - PSYC 2358 OR PSYC 2369
  - PSYC 2283 OR PSYC 2589
  - PSYC 4705
- 9 Credits (3 courses) from PSYC 3201, PSYC 3301, PSYC 3401, PSYC 3501, PSYC 3601
- 6 Credits (2 courses) of additional Psychology courses.

- 3 Credits ENGL 1219
- 9 credits Social Science (non-PSYC) university-level electives
- 3 Credits Indigenous knowledge university-level elective
- 3 Credits Wellness university-level elective
- 9 Credits Humanities university-level electives
- 9 Credits Science university-level electives for Bachelor of Arts
- 24 Credits Arts and Science university-level electives for Bachelor of Arts to a minimum of 102 Credits in Arts and Science courses
- 15 Credits in additional university-level electives to 120 credits required for graduation

Transfer Features
Existing ACAT course transfers.

Admission Requirements
Students applying to the Bachelor of Arts in Psychology, program must have a minimum average of 60% with no mark below 50% in the following courses or their equivalents:

- ELA 30-1 (ENGL 095)
- Math 30-1 (MATH 096) or 30-2 (MATH 092)
- 3 courses from Groups A, B, C, or D with no more than one course from Group B or D

OR

Alternate Admission

Minimum average of 60% with no mark below 50% in the following courses or their equivalents:

- ELA 30-1 (ENGL 095)
- Math 30-1 (MATH 096) or 30-2 (MATH 092)
- 1 additional course from Groups A, B, C, or D

Graduation Requirements
Students in the Bachelor of Arts in Psychology degree program achieve a minimum cumulative GPA of 2.0 and complete a minimum of 120 credits.

Transfer Features
Existing ACAT course transfers.

Related Careers
Psychologist (after further graduate level study). Additional employment opportunities exist (some requiring further education) in the following areas: Addictions counsellor; Administration; Advertising; Career/employment counsellor;

Case worker;Child care worker; Child welfare worker; Community worker; Correctional officer; Counsellor; Cultural diversity consultant; Customs or immigration agent; Day care worker, supervisor; Educational counsellor; Entrepreneur; Fund-raiser or development officer; Gerontology; Government researcher; Health services; Hospice coordinator; Human resources; Immigration officer; Labour relations specialist; Manager; Market research analyst; Marketing; Mental health worker; Motivational researcher; Personnel; Population studies researcher; Probation or parole officer; Professional consultant; Program coordinator; Psychiatric assistant or aide; Public health statistician; Public opinion interviewer; Public relations; Psychology professor; Recreation specialist; Research assistant; Sales representative; Social services; Social worker; Teaching; Technical writer; Travel agent; Youth worker.

Bachelor of Arts, Multidisciplinary Studies

Credential
Degree

Duration
4 years

The Program
A four-year Bachelor of Arts, Multidisciplinary Studies prepares students for life in an ever-changing world. As creative and global thinkers with advanced analytical and problem-solving skills tied to application in the real world, graduates of the Red Deer Polytechnic BA Multidisciplinary Studies will be prepared to enter a world in which they shape their own path and the world around them.

The Bachelor of Arts, Multidisciplinary Studies provides students with the opportunity to create a program pathway that suits their unique career and learning goals by combining courses across a range of disciplines. Students have the flexibility to intentionally create a broad multidisciplinary arts education to support their personal academic and career objectives in ways that go beyond traditional disciplinary boundaries. In a world with decreasing boundaries, a multidisciplinary degree sets students on a pathway for lifelong success.

Culminating in a full year creative problem-solving Capstone project, this program builds on the disciplinary knowledge and essential human characteristics and competencies foundational to arts education and results in graduates who can apply that learning to emerging trends in society. Students who graduate from this program will have the skills and abilities to make a difference in their community and the wider-world.

Graduates of the Bachelor of Arts, Multidisciplinary Studies will be:

- Critical thinkers who analyze and integrate multiple perspectives from within and across disciplines.
- Researchers who synthesize and evaluate ideas, engaging in problem solving and evidence-based decision making.
- Communicators who can articulate ideas in oral and written form and can express and defend positions.
- Creative and curious, self-reflective and aware of their place in the world.
- Civically engaged and ethically minded, with an understanding of the diverse forces that shape the world and our experience in it.
- Adaptable and competent to work both collaboratively and independently in a variety of workplace settings, graduate and professional schools.
- Able to analyze and interpret historical and contemporary texts and data within and across disciplines.

- Aware of the historical and contemporary events that shape the world, locally and globally.

Skills and Abilities of Graduates:

- Advanced Analytical Thinking Skills
- Research Skills
- Ethical Reasoning Skills
- Numeracy
- Critical Creativity, Innovative Thinking, and Complex Problem Solving
- Adaptability
- Communication (verbal, written, non-verbal)
- Evidence-based decision making
- Employability skills (technical expertise, interpersonal relation skills, compassion)

Students will have flexible pathways to degree completion. Students can complete the full degree in four-years of study or, if entering with a diploma, will be able to enter into Year 3, depending on their credential. Students from the Red Deer Polytechnic University Arts Diploma, Social Work Diploma, and Justice Studies Diploma will be recognized for 60 credits of study and enter directly into Year 3 of study (with specific course requirements to fulfil degree completion criteria).

Students with completed degrees may be eligible to complete this B.A. with one additional year of study.

Students may choose to complete a minor in Anthropology, Communication Studies, Economics, English, History, Philosophy, Political Science, Psychology and Sociology. Some disciplinary minors may have courses that require prerequisite of specific sequences of courses. Students should consult planning guides for details of a particular minor.

A hallmark of this program will be hands-on, experiential, and work-integrated learning. Experiential and work integrated learning opportunities such as capstone projects, and applied research, along with a consistent threading of wellness, indigenization, professional communication, work integration and community service learning, social entrepreneurship, and critical thinking, will provide students with valuable hands-on experience. Students graduating from this program will be adept in applying their training in innovative ways to become productive members of society. The program allows students to tailor their educational pathway to their goals and aspirations within a coherent structure.

A Bachelor of Arts, Multidisciplinary Studies helps prepare students for a wide range of careers in areas such as social services, civil service, community advocacy, local government, criminal justice, and research consultancy. Training in BA Multidisciplinary Studies offers a strong foundation for several graduate

school programs such as a MA in Interdisciplinary Studies, law, medicine, journalism, communications, education, social work, sociology, and justice studies.

- MDST 3001: Topics in Globalization
- MDST 3002: Topics in Justice, Power, Policy
- MDST 3003: Topics in Mind, Self, Identity
- MDST 3004: Topics in Science and Technology
- MDST 3005: Topics in Cultural Studies
- MDST 3006: Topics in Population, Health, Wellness

- MDST 4001: Multidisciplinary Capstone I
- MDST 4002: Multidisciplinary Capstone II

Transfer Features

Red Deer Polytechnic Diplomas in Kinesiology, Justice Studies, Social Work, Visual Arts, and University Arts will provide credit towards the Bachelor of Arts, Multidisciplinary Studies.

Students presenting Diplomas from other recognized post-secondary institutions may be granted transfer credit towards the Bachelor of Arts, Multidisciplinary Studies.

Admission Requirements

Bachelor of Arts, Multidisciplinary Studies Regular Admission

Students applying to Bachelor of Arts, Multidisciplinary Studies must have a minimum average of 60% with no mark below 50% in:

- ELA 30-1
- 4 courses from Groups A, B, C, or D with no more than one course from each of Group B or D

OR Alternate Admission

Students applying to Bachelor of Arts, Multidisciplinary Studies must have a minimum average of 60% with no mark below 50% in:

- ELA 30-1
- 1 other course from Group A or C

OR Diploma Entry Admission

Completion of a recognized 2-Year Diploma from an accredited Canadian public post-secondary institution. Or a recognized 2-year Diploma approved by the Associate Dean.

Note: When receiving admission based on completion of a diploma, it is the student's responsibility to ensure that prerequisites are met, for course selection.

Other Requirements
Capstone courses may involve community partners, community service learning, applied research, and other work-integrated learning. Students wishing placements with agencies will be apprised of the agency pre-requisites and will provide proof of pre-requisites to the agency. Pre-requisites could include but are not limited to: a valid driver's license, vaccination, criminal record check, vulnerable sector check, or other.

Graduation Requirements
Students in Bachelor of Arts, Multidisciplinary Studies achieve a minimum cumulative GPA of 2.0 and complete a minimum of 120 credits.

Related Careers
- Non-Profit/NGO Sector
- Corrections/Policing/Probation/Justice
- Health and Wellness Industry
- Archives
- Administration/Managers
- Fundraisers
- Business Owners

Bachelor of Business Administration

Credential
Degree

Duration
4 years

Location
Main Campus

The Program
The four-year business degree prepares graduates to contribute to and compete in a global and dynamic business environment. The educational experience is focused on fostering critical and creative thinking, developing and contributing to communities, broadening communication and collaboration, and preparing graduates for both current and emerging competencies. Graduates will be "future-proof."

Students will be able to enter the degree in Year 1 or may be able to transfer into the degree after the successful completion of a Business Certificate or Business Diploma, in which case, students would join the degree in Year 2 or 3.

Students will select a concentration in Accounting, Entrepreneurship and Small Business, or Financial Services. Students can pursue minors in Accounting, Corporate Finance and Economics, Entrepreneurship and Small Business, Financial Services, Human Resources, or Marketing. Students may also minor in non-business disciplines. Students may earn credits toward professional designations, such as Accounting, Human Resources, or Financial Services.

Students may have the opportunity to participate in two 90 hour work practicums, research projects, or service learning opportunities during the four years of study. Students will gain expertise in management and business analytics. Each concentration and minor includes project based courses where students will do in the classroom what they would do on the job.

The degree consists of 40 courses or 120 credits. Business Diploma holders will receive transfer credit for up to 20 courses and 60 credits. Business Certificate holders will receive transfer credit for up to 10 courses and 20 credits. The first two years of the degree are available face-to-face and/or online. Year 3 and 4 are face-to-face. Although some courses may be available in hyflex. Students may complete the program on a full-time or part-time schedule.

Admission is normally available for the Fall, Winter, and Spring.

Program Outcomes:

1. Collaboration: Collaborate in and with diverse teams employing interpersonal communication, conflict resolution, teamwork, and leadership skills to build community partnerships, leverage information, and achieve business-related goals.
2. Communication: Communicate effectively across diverse organizational settings utilizing oral, written, nonverbal, and media communication skills.
3. Critical Thinking and Creative Problem Solving: Integrate creative, critical, and reflective skills and practices to analyze organizational challenges and evaluate business solutions and opportunities.
4. Globalization: Examine the impact of globalization across cultures and markets.
5. Social and Cross Cultural Awareness: Synthesize ideas, perspectives, and worldviews to respond to a dynamic changing global, economic, political, social, and technological business environment.
6. Information, Research, Technology, and Financial Fluency: Integrate and apply information literacy, technology, research skills, and numerical and financial fluency to recommend solutions to business problems.
7. Ethics: Analyze and evaluate organizational situations, demonstrating professionalism, ethical principles, and ethical decision making.
8. Business Acumen - Tools: Apply qualitative and quantitative methods to analyze and evaluate data to inform business decisions.
9. Business Acumen - Analysis: Justify strategies by applying specific knowledge from the functional areas of business, including terminology, business analytical tools, and techniques.
10. Business Acumen - Holistic: Examine and apply holistic and entrepreneurial approaches when working in, and managing, socially responsible organizations.
11. Lifelong Learning: Demonstrate capacities for lifelong-learning and community engagement.
12. Indigenous: Contribute to the advancement of reconciliation and apply principles of Indigenous knowledge including identifying and describing Indigenous cultural protocols, worldviews, and learning approaches in both a business and societal context.

Year 1

- BUS 1010 – Business Topics and Skills
- ECON 1100 – Business Microeconomics
- ACCT 1001 – Introductory Financial Accounting I
- BUS 1210 – Data and Information Management
- MKT 1132 – Marketing Principles
- BUS 1100 – Cross Cultural Awareness
- FINS 1150 – Personal Finance
- HRM 1281 – Human Resource Management

- ECON 1101 – Business Macroeconomics
- COMM 1250 – Business and Workplace Writing

Year 2

- BUS 2110 – Management Principles
- ACCT 2010 – Introductory Management Accounting
- BUS 2306 – Business Statistics I
- BUS 2311 – Business Law
- FNCE 2310 – Corporate Finance
- ESB 2251 – Innovation and Entrepreneurship
- BUS 2290 – Experiential Learning I: Placement OR BUS 2291 – Experiential Learning I: Project
- CREA 2001 – Creative Think Tank

Year 3

- BUS 3420 – Operations Management
- BUS 3211 – Management Information Systems
- BUS 3470 – Ethics, Responsibility, and Sustainability
- ENGL 1219 – Essay Composition and Critical Reading

Year 4

- BUS 4640 – Business Intelligence and Analytics
- BUS 4990 – Strategic Management
- BUS 4290 – Experiential Learning II

Students will select a concentration in Accounting, Entrepreneurship and Small Business, or Financial Services. The courses required for each concentration are outlined below.

Accounting

- ACCT 2001 – Introductory Financial Accounting II
- ACCT 2305 – Tax I
- ACCT 2204 – Intermediate Management Accounting I
- ACCT 3209 – Intermediate Financial Accounting I
- ACCT 3210 – Intermediate Financial Accounting II
- ACCT 3405 – Tax II
- ACCT 4310 – Advanced Financial Accounting
- ACCT 4308 – Advanced Management Accounting
- ACCT 4306 – Audit
- BUS 3307 – Business Statistics II

Entrepreneurship and Small Business

- ESB 2204 – Interpersonal Skills and Leadership
- ESB 2253 – Project and Events Management
- ESB 3410 – Global Trade
- ESB 4100 – Small Business Financing and Law
- ESB 4900 – Strategic Entrepreneurship and Small Business

Financial Services

- ACCT 2305 – Tax I
- BUS 2290 – Experiential Learning I
- BUS 4290 – Experiential Learning II
- FINS 2100 – Consumer Credit
- FINS 3100 – Mutual Funds / Investing
- FINS 3200 – Risk Management and Estate Planning
- FINS 4100 – Commercial Credit
- FINS 4200 – Retirement Planning

Students can also pursue minors in Accounting, Corporate Finance and Economics, Economics, Entrepreneurship and Small Business, Financial Services, Human Resources, or Marketing. Students may also minor in non-business disciplines. Students may earn credits toward professional designations, such as Accounting, Human Resources, or Financial Services. The courses available to be applied to such designations are outlined below:

Marketing

- MKT 2242 – Marketing Research
- MKT 2240 – Professional Selling and Persuasion
- MKT 3234 – Digital and Social Media Marketing
- MKT 3300 – Buyer and Consumer Behavior
- MKT 4247 – Retail / Phygital Management
- MKT 4900 – Strategic Marketing

Human Resources

- HRM 2510 – Workforce Planning
- HRM 2530 – Organizational Culture
- HRM 3525 – Total Rewards
- HRM 3535 – Labour Relations
- HRM 4520 – Learning and Development
- HRM 4900 – Strategic HR Management

Corporate Finance and Economics

- ECON 3327 – International Money and Finance
- ECON 2341 – Money and Banking
- ECON 2373 – Industrial Organization
- ECON 2331 – Labour Economics
- FNCE 4315 – Advanced Corporate Finance

Humanities and Social Science Minors

Anthropology

- ANTH 1200 – People and Biocultural Evolution
- ANTH 1201 – People and Culture
- Electives: Any two ANTH courses at the 2000 level or above

Communication Studies
- COMM 1271 – Intro to Communication Theory
- Electives: Any three COMM courses at the 2000 level or above.

Economics
- Any four ECON courses at the 2000 level or above could be a non-business minor or business minor.

English
- ENGL 1220 – Literary Analysis
- Elective: Any three ENGL courses at the 2000 level or above.

History
- Four courses (12 credits) designated CLAS or HIST. At least two of the courses must be 2000 level or above.

Philosophy
- Four courses (12 credits) in philosophy. At least two of the courses must be 2000 level or above. Recommended pathway: PHIL 1202, PHIL 1221, PHIL 2300, and one open philosophy elective.

Political Science
- Any four courses (12 credits) in political science. At least two of the courses must be at the 2000 level or above.

Psychology
- PSYC 1001 – Principles of Psychology I
- PSYC 1002 – Principles of Psychology II
- Electives: any two PSYC courses at the 2000 level.

Sociology
- SOCI 1230 Introduction to Sociology
- Electives: any three additional SOCI courses, at least two of which must be in the 2000 level or above.

Transfer Features
RDP Business Diploma courses provide credit towards the RDP Bachelor of Business Administration.

Admission Requirements
Admission Procedures

ELA 30-2 65% or higher, or ELA 30-1 60% or higher, or equivalent and

MATH 30-2 65% or higher, or MATH 30-1 60% or higher, or equivalent

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

Program Admission Features
The entry requirement of ELA 30-2 65% or higher, or ELA 30-1 60% or higher, or equivalent AND MATH 30-2 65% or higher, or MATH 30-1 60% or higher, or equivalent is higher than the current entry requirement that requires an average of MATH 30-2 and ELA 30-2 at a minimum of 65%, with no mark below 50%.

Graduation Requirements
Completion of 40 courses with a minimum grade of "D" and a minimum GPA of 2.00 (62%).

The 40 courses consist of 20 core business courses, 6 concentration courses, 2 business options (Accounting concentrations will take 2 additional concentration courses instead to meet CPA requirements), 2 experiential learning courses (Accounting concentrations will take 2 additional concentration courses instead to meet CPA requirements), COMM 1250, ENGL 1219, CREA 2001, 5 non-business options, and 2 open options.

Related Careers
Marketing:

- Retail Account Merchandiser
- Account Manager
- Commercial Sales
- Marketing Specialist
- Brand Manager
- Sales Manager
- Campaign Manager

- Social Media Coordinator
- Digital Marketer
- Marketing Manager
- Multi-Media Sales Consultant
- Public Relations
- Communications

Accounting:

- Accounts Payable / Receivable
- Controller
- CPA Accountant
- Tax Consultant
- Auditor
- Junior Accountant

Entrepreneurship and Small Business:

- Business owner
- Franchisee
- Operations Manager
- Logistics Officer
- Purchaser
- Supply Chain Management
- Project Manager
- Scheduler
- Business Development Consultant
- Professional Buyer
- Logistics Coordinator

Corporate Finance and Economics:

- Economic Development Officer
- Municipal Government
- Corporate Finance Manager
- Business Analyst

Financial Services:

- Branch Office Administrator
- Finance Manager
- Financial Planner / Advisor
- Commercial Banking Officer
- Financial Analyst
- Insurance Advisor

Human Resources:

- Human Resource Advisor
- Recruiter
- Coordinator
- Benefits Officer
- HR Consultant

Bachelor of Education

Credential
Bachelor's Degree

Duration
4 Years

Location
Main Campus

The Program
Students who complete the Bachelor of Education degree will be well-prepared to teach in today's inclusive learning environments. Through a common set of courses, students will earn minors in both inclusive education and integrated instructional design. With practicum experiences in different contexts each year, including a full-term practicum, students gain a deep understanding of educational theory, Indigenous perspectives, and professional practice. After their First Year Studies, students choose an Early Years (K - 4), Middle Years (5 - 9), or Secondary Years (10 - 12) specialization for their curriculum focus. Four foundational principles (Relationships and Community; Foundational Knowledge; Bridging Theory to Professional Practice; and Social Responsibility and Inclusion) are emphasized throughout the program to ensure that graduates will meet the Alberta (2018) Teaching Quality Standard (TQS) and enter their teaching career equipped with the knowledge and skills to design high-quality, socially responsible, and authentic learning opportunities that meet learner needs.

Program Outcomes
At the end of this program, graduating students will be able to:

1. Identify and analyze contextual variables that affect teaching and learning, to problem solve and advance learning in a creative and constructively critical manner.

2. Integrate knowledge and strategies to build inclusive learning environments that are welcoming, caring, respectful, safe, and that embrace diversity.

3. Demonstrate interpersonal skills to build positive relationships and collaborate effectively with peers, students, educators, and community partners within various learning communities.

4. Use information literacy, technology, and research skills with academic integrity to communicate effectively and support teaching and learning.

5. Develop foundational knowledge of the programs of study, legal frameworks, and policies that provide the foundation for the Alberta Education system.

6. Demonstrate the characteristics of a competent, ethical, reflective, professional teacher and lifelong learner.

7. Identify and apply effective, research-informed pedagogical practice relating to curriculum, planning, instruction, assessment, human development, and classroom leadership.

8. Develop and apply foundational knowledge of Indigenous ways of knowing, doing, and being for the benefit of all learners.

9. Assess philosophical, political and social issues at international, national, provincial, and local levels and their influence on education.

10. Exemplify a social responsibility mindset to advocate for accessible, equitable, and quality education for all learners.

Program Content
All Bachelor of Education students will take a common set of courses, as listed below. Students will enter their specialization cohort (Early Years, Middle Years, or Secondary Years) in Year Two. Although the course outcomes remain the same, the curriculum focus (Alberta Program of Studies), strategies, and resources will be geared toward grade-level appropriate pedagogy, developing the specialization for each level. The remaining non-Education courses needed to develop a major or minor in teachable subject areas, provide students with option courses, and meet program requirements, will be provided by other Schools.

Early Years and Middle Years Specializations

(Separate cohorts starting in Year Two)

Year	Course Number	Title	Academic Credits
1	EDUC 1301	Interpersonal Relationships	3
1	EDUC 1302	Educational Technology	3
1	EDUC 1304	Inclusive Learning Environments	3
1	EDUC 1305	Child Development	3
1	EDUC 1500	The Teaching Profession	3
1	ENGL 1219	Essay Composition	3
1	ENGL 1220	Literary Analysis	3
1	-	Non-Ed Math	3
1	-	Non-Ed Science	3
1	-	Non-Ed Canadian Studies	3

2	EDUC 2312	Designing Learning	3
2	EDUC 2500	Social Equity and Inclusion	3
2	EDUC 2801	English Language Education	3
2	EDUC 2802	Mathematics Education	3
2	EDUC 2803	Language Learning and Literacy	3
2	EDUC 2804	Numeracy	3
2	EDUC 2805	Foundational Knowledge	3
2	-	Minor 1	3
2	-	Minor 2	3
2	-	Minor 3	3
3	EDUC 3322	Assessment in Education	3
3	EDUC 3500	Practicum I Legal Frameworks	6
3	EDUC 3808	Arts Education	3
3	EDUC 3809	Health and Physical Education	3
3	-	Minor 4	3
3	-	Minor 5	3
3	-	Minor 6	3
3	-	Open Option 1	3
3	-	Open Option 2	3
4	EDUC 4311	Indigenous Ways	3
4	EDUC 4500	Practicum II Professional Term	12
	EDUC 4305	Reflective Practice	3
4	EDUC 4342	Designing Integrated Learning	3
4	EDUC 3807	Science Education	3
4	EDUC 3806	Social Studies Education	3
4	-	Open Option 3	3

Secondary Years Specialization*

Note: A total of six courses in the minor and eleven courses in the major are needed. These courses can be taken in a different pattern than what is listed below, however, students should plan for specific course pre-requisites. At least three courses should be taken both in the major and minor prior to taking EDUC 3500.

Year	Course Number	Title	Academic Credits

1	EDUC 1301	Interpersonal Relationships	3
1	EDUC 1302	Educational Technology	3
1	EDUC 1304	Inclusive Learning Environments	3
1	EDUC 1305	Child Development	3
1	EDUC 1500	The Teaching Profession	3
1	ENGL 1219	Essay Composition	3
1	ENGL 1220	Literary Analysis	3
1	-	Minor 1	3
1	-	Major 1	3
1	-	Major 2	3
2	EDUC 2312	Designing Learning	3
2	EDUC 2500	Social Equity and Inclusion	3
2	EDUC 2803	Language Learning and Literacy	3
2	EDUC 2804	Numeracy	3
2	EDUC 2805	Foundational Knowledge	3
2	-	Minor 2	3
2	-	Minor 3	3
2	-	Major 3	3
2	-	Major 4	3
2	-	Major 5	3
3	EDUC 3322	Assessment in Education	3
3	EDUC 3500	Practicum I Legal Frameworks	6
3	One of EDUC 2801, 3806, 3807, 3809.	Major Education Course (English, Social Studies, Science, or Health/PE)	3
3	One of EDUC 2801, 3806, 3807, 3809	Major Education Course (English, Math, Social Studies, Science, or Health/PE)	3
3	One of EDUC 2801, 2802, 3806, 3807, 3809	Minor Education Course (English, Math, Social Studies, Science or Health/PE)	3
3	-	Minor 4	3
3	-	Minor 5	3
3	-	Minor 6	3
3	-	Major 6	3
3	-	Major 7	3
4	EDUC 4311	Indigenous Ways	3
4	EDUC 4500	Practicum II Professional Term	12

4	EDUC 4305	Reflective Practice	3
4	-	Major 8	3
4	-	Major 9	3
4	-	Major 10	3
4	-	Major 11	3

* Students in the Secondary specialization will choose either EDUC 3806 (Social Studies Education) or EDCS 3807 (Science Education) for their curriculum focus.

Majors (Secondary Specialization)

- Biological Sciences
- General Sciences
- English Language Arts
- Physical Education
- Social Studies
- Career and Technology Studies(CTS)

Minors (Early Years, Middle Years, Secondary)

- Biological Sciences
- General Sciences
- English Language Arts
- Physical Education
- Canadian Studies
- Indigenous Studies
- Mathematics
- Social Studies
- Visual Art
- Career and Technology Studies (CTS)
- General Studies

Admission Requirements
Admission requirements for specific programs will often refer to Alberta Grade 12 course groups. Visit the Admissions page for detailed group descriptions.

Eligibility for admission to the Bachelor of Education program at Red Deer Polytechnic requires applicants to meet minimum academic and non-academic requirements. Qualified applicants who meet all minimum requirements will be offered admission, on a first-come, first-served basis.

Academic Requirements

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

1. ELA 30-1 with a mark of at least 65%
2. Math 30-1 with a mark of at least 50% or Math 30-2 with a mark of at least 65%
3. Social Studies 30-1 with a mark of at least 50% or Social Studies 30-2 with a mark of at least 65%
4. 1 course from Group C
5. 1 course from Group A, B or C or Physical Education 30

Non-academic Requirements
Completion of the Casper Test

Completion of Casper is mandatory in order to maintain admission eligibility. Applicants are encouraged to complete the Casper promptly after applying to the Bachelor of Education program as the Casper score is a factor that is considered in the admission decision process. The deadline to write CASPer and be considered for admission to the program is February 5. If you write CASPer after February 5, you will be considered for the waitlist. More information about the Casper Test is provided below.

Additional Requirements

1. Applicants whose first language is not English must demonstrate English language proficiency in addition to the program admission requirements.
2. Applicants 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.
3. Indigenous applicants are encouraged to review the program admission features information provided below.
4. Students must meet high school course prerequisites for all required post-secondary courses in some majors or minors. The prerequisite courses are not required for admission but are necessary to register in the post-secondary course. High school equivalent courses are offered through Academic Upgrading at Red Deer Polytechnic.
5. While not an admission requirement for the program, applicants are advised that they will be required to provide a current Criminal Record Check including Vulnerable Sector Check. The existence of a criminal record may prevent access to courses scheduled in schools, practicum placement, program completion, and professional licensure and therefore affect future employment prospects. Students should be prepared for expenses related to the acquisition of these documents annually.

6. Applicants should be aware that all Bachelor of Education graduates who apply for certification as a teacher in Alberta will be subject to the following restrictions on eligibility:

a). evidence of Canadian citizenship or permanent residency
b). evidence of proficiency in English or French.
c). Except where the Minister of Education decides otherwise, the Registrar (Teacher Development and Certification, Alberta Education) shall not issue a teaching certificate to:

1. a person who has been convicted for an indictable offense under the Criminal Code; or
2. a person whom the Registrar has reason to believe should not be issued a certificate.

While not an admission requirement for the program, applicants are advised that they will be required to provide a Police Information Check or Vulnerable Sector Check to most agencies where they will be placed for practicum experiences. Students should be prepared for approximately $50 to $75 in extra expenses to acquire these documents annually.

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 criminal record check.

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 or see: https://www.alberta.ca/teacher-certification.aspx

Practicum – Second Attempts

1. A student who has been assigned a grade of F, NCR, or WD in EDUC 2500, 3500, or 4500 is entitled to a second registration in that course. If a student receives a grade of F, NCR, or WD in the second attempt, they will not be allowed to continue in the Bachelor of Education program.

2. Permission of the Associate Dean is required before students can register in EDUC 2500, 3500, or 4500 courses in which they have previously received a grade of F, NCR, or WD. As a result, program length will be extended and program completion may not be guaranteed.

Program Transfer Features
The first year EDUC courses are transferable to other institutions. Check the ACAT for details. Some EDUC courses fulfil requirements for the Educational Assistant and Early Learning and Child Care programs

Technology
This program involves significant use of technology to support teaching and learning. Students encouraged to bring their own device to class and will require a laptop or similar device (PC, Apple, or Chromebook) that is less than three years old. A set of headphones with a built-in microphone will also be useful.

Casper Test
The Casper test is a situational judgement test that provides information about applicants who are interested in people-orientated professions such as teaching. This standardized online test takes between 60 and 90 minutes and assesses the personal and professional attributes that are needed to be successful students and future teachers.

Applicants are required to first submit their application to Red Deer Polytechnic, then register for a Casper test on the Casper website.

Casper test results are sent directly to Red Deer Polytechnic on the applicant's behalf and will inform the admission decision. It can take two to four weeks for Casper results to be released. Applicants with incomplete or missing Casper scores will not be considered for admission. The deadline to write CASPer and be considered for admission to the program is February 5. If you write CASPer after February 5, you will be considered for the waitlist.

Applicants are only permitted to do the Casper assessment once per annual admission cycle. Applicants who have taken the test in previous years will be expected to retake it.

Taking the Casper test requires a computer with audio capabilities, a webcam, and a reliable internet connection on the selected test date.

Further information about the Casper test is available at: https://takealtus.com/casper/.

Program Admission Features
In order to facilitate greater participation of Indigenous learners in the Bachelor of Education degree program, 10% of total seats are designated for qualified

Indigenous applicants. Unfilled designated seats will be released on June 1st to qualified applicants on the program waitlist, if one exists.

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 (one of the following):
  o 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.
  o 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.
  o Written confirmation of Indigenous ancestry from Indigenous and Northern Affairs Canada.
  o Statutory Declaration by an applicant attesting to Aboriginal ancestry with supporting documentation.

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

In Program Requirements
Admission into Bachelor of Education program specializations (Year Two) requires successful completion of a minimum of 8 courses including a minimum GPA of 2.5 in the five required Year One Education (EDUC) courses.

Students must maintain a minimum GPA of 2.0 throughout the four years as Good Standing is required to participate in field experience (practicum) and a minimum cumulative GPA of 2.0 is required to be eligible for graduation.

Graduation Requirements
Successful completion of all degree requirements, obtaining 120 credits with a minimum cumulative GPA of 2.0.

Early Years (K-4) and Middle Years (5-9) specializations:

- 39 credits in non-Education courses (including 3 credits Canadian Studies, 3 credits Science, 3 credits Math and 6 credits in English Literature and Composition).

- Successful completion of 21 weeks of supervised practicum; 81 credits in Education courses.

Secondary Years (10-12) specialization:

- 24 credits in teaching subject major and 6 credits in English Literature and Composition.

- Successful completion of 21 weeks of supervised practicum; 72 credits in Education courses.

A maximum of 33 credits from other recognized institutions may be transferred toward this degree.

Related Careers
While the focus of the proposed Education degree is preparation to teach in the K-12 sector, not everyone with a Bachelor of Education degree will seek employment as a classroom teacher in Alberta. Labour demand data does indicate a demand for employees in other sectors that would hire employees with Bachelor of Education degrees. This can include working with community organizations, in corporate training, or in childcare, as home support workers, as education assistants, coaches, referees, or tutors. Pursuing a graduate degree and working within a post-secondary setting are other possibilities, as is teaching in other provinces or internationally.

Bachelor of Education Middle Years - collaboration with University of Alberta
SUSPENDED, July 1, 2025 to June 30, 2028

Credential
Bachelor's Degree

Duration
2 years at RDP (or other accredited program) -
2 years at RDP as a University of Alberta collaborative student

Location
Main Campus

The Program
The University of Alberta Bachelor of Education program, in collaboration with Red Deer Polytechnic, 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.

Practical Learning
- This course includes classroom observation that can be taken in the first year of the program

- Some courses in the Bachelor of Education are taught at a local middle school which provide our students with an authentic learning experience through observation and working with students
- You can be a member of our Education Undergraduate Society (student led)

Program Content

Although all courses are taught on the campus of Red Deer Polytechnic, 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.

Related Careers

Middle School Teacher

- Teacher in the kindergarten to grade 12 system
- Education Technology Developer
- Educational Counsellor
- Principal
- School Administrator

Bachelor of Kinesiology and Sport Studies - University Transfer

Credential
Bachelor's Degree

Duration
2 years at RDP - 2 years at most universities

Location
Main Campus

The Program
Kinesiology is the study of the science of movement. The program is designed so that students can complete 2 years of studies in order to transfer to a university 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. 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
- upon completion of a Bachelor's degree may choose to continue their education at the graduate level

Program Content
Year 1 courses:

- ENGL 1219 Essay Composition and Critical Reading
- KNSS 1102 Foundations of Human Movement
- KDNC 1200 Spectrum of Dance in Society
- KNSS 1200 Structural Anatomy
- KNSS 1204 Introduction to Sociocultural Foundations
- KNSS 1209 Measurement and Evaluation
- KNSS 1214 Introduction to Personal Physical Fitness

- KNSS 1250 Introduction to the Administration of Sport, Physical Activity and Recreation Programs
- Option (3 Credits)**
- Option (3 Credits)**

Year 2 courses:

- KNSS 2201 Biomechanics
- KNSS 2202 Physiology of Exercise
- KNSS 2203 Skill Acquisition and Motor Performance
- KNSS 2205 History of Sport
- KNSS 2220 Introduction to Athletic Therapy
- KNSS 2240 Adapted Physical Education
- KNSS 2307 Growth and Development
- KNSS 2312 Research Methods in Kinesiology
- PSIO 2258 Elementary Physiology I
- PSIO 2259 Elementary Physiology II

** Please consult with a Red Deer Polytechnic Student Advisor when selecting Option Courses in the program to ensure transferability and program suitability. It is recommended to take option courses that transfer as activity core classes if planning to transfer to the University of Alberta.

University Transfer Program
Two Year University Transfer Program

The RDP Kinesiology and Sport Studies program offers the first 2 years of a Bachelor Degree program in Kinesiology. This program is designed for students who wish to complete a 2 year program in Kinesiology and Sport Studies in order to continue on to a Bachelor's Degree at another institution. Students wishing to complete the Fitness and 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

Note: The Faculty of Kinesiology, Sport, and Recreation at the University of Alberta dedicates entrance into the Bachelor of Kinesiology program for 30 students transferring from the RDP Bachelor of Kinesiology Transfer program who

have between 45 and 60 transferable credits and a minimum GPA of 3.0 based on the most recent minimum 24 transferable credits. Possession of the minimum average does not guarantee admission to the program and admission may be competitive based on applications.

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

Admission Requirements
Related Link: Admission requirements for specific programs will often refer to Alberta Grade 12 course groups. Visit the Admissions page for detailed group descriptions.

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

1. English Language Arts 30-1 (or ENGL 095 or equivalent)
2. Biology 30 (or BIOL 095 or equivalent)
3. Subject from Group A or C (or equivalent)
4. Subject from Group A or C (or equivalent)
5. Subject from Group B, C, or Physical Education 30 (5 credit), or Recreation Leadership (REC) Advanced Level-Career and Technology (or equivalent)

*Mathematics 30-2 is acceptable for admission as a Group C subject, however only one of Mathematics 30-1 and Mathematics 30-2 may be used for admission purposes.

*Only one Language other than English is accepted for admission.

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

Other Requirements

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.

Graduation Requirements
You must successfully complete all courses within the program and achieve a minimum cumulative GPA of 2.00 to receive a Diploma in University Transfer Studies.

Related Careers

- Kinesiologist
- Coach
- Sports Program Supervisor
- Fitness Programmer
- Personal Trainer
- Recreation Therapist
- Occupational and Physiotherapist
- Civic and recreation departments
- Healthcare Agencies

Bachelor of Science in Biological Sciences

Credential
Bachelor's Degree

Duration
4 Years

Location
Main Campus

The Program
The Bachelor of Science in Biological Sciences at Red Deer Polytechnic is a four-year degree program. The program emphasizes contemporary concepts in biology and practical scientific skills applicable to both field and laboratory settings. Students registered in this program will explore topics ranging from the level of molecules and cells to that of organisms, communities, and populations. The Bachelor of Science in Biological Sciences is intended to prepare graduates for employment in biology-related fields or for continued education within graduate programs or at professional schools.

Program Outcomes
At the end of this program, graduating students will be able to:
1. Demonstrate competency in analytical methods.

2. Assess critically one's own strengths and weaknesses in relation to areas of study and future growth.

3. Develop and conduct a scientific research project using appropriate management tools, research tools, and methods.

4. Communicate scientific knowledge and results clearly and succinctly through oral, visual, and written formats to diverse audiences.

5. Demonstrate collaborative, independent, and inclusive attitudes and practices integrating multidisciplinary perspectives and approaches.

6. Demonstrate professional conduct in all aspects of individual and team-based work.

7. Construct and implement creative solutions to problems that impact society by drawing from scientific and multidisciplinary theories, principles, and methods.

8. Evaluate scientific questions using the knowledge and skills from the biological sciences, physical sciences, mathematics, humanities, and social sciences.

9. Integrate Indigenous knowledge and perspectives into scientific study with the recognition of indigenous histories, practices, and relationships.

Admission Requirements

Minimum average of 60% with no mark below 50% in Biology 30, Chemistry 30, ELA 30-1, and Mathematics 30-1.

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

Graduation Requirements

Students enrolled in the Bachelor of Science in Biological Sciences degree program must meet the following course and credit requirements in order to graduate:

- a minimum of 120 credits or the equivalent
- a minimum of six credits in each of the three areas of study: Humanities, Social Sciences, and Sciences
- a minimum of 102 credits in Arts and/or Science courses
- a minimum of 72 credits at the senior level
- a minimum of three credits in each of five disciplines
- a maximum of 72 credits in any one discipline

Specifically, students must complete the following course and credit requirements with a 2.0 GPA in order to graduate with a Bachelor of Science in Biological Sciences degree:

- 19 core courses in Biology (57 credits): BIOL 1217, BIOL 1218, BIOL 2301, BIOL 2317, BIOL 2318, BIOL 2351, BIOL 2352, BIOL 2360, BIOL 2370, BIOL 3101, BIOL 3201, BIOL 3301, BIOL 3401, BIOL 3411, BIOL 3801, BIOL 4491, BIOL 4891, BIOL 4401, BIOL 4901
- 8 core courses in other Sciences (24 credits): BIOC 2393, CHEM 1211, CHEM 1212, CHEM 2351, MATH 1202, PHYS 1205, SCIE 2101, STAT 1251
- 1 core course in English (3 credits): ENGL 1219
- 2 open elective courses in Humanities (6 credits)
- 2 open elective courses in Social Sciences (6 credits)
- 2 open elective courses in the School of Arts and Sciences (6 credits)
- 1 elective course in wellness studies (3 credits)
- 1 elective course in Indigenous studies (3 credits)
- 4 open elective courses (12 credits)

Students must earn a minimum letter grade of D in each course unless that course is a prerequisite for a 3000-level or 4000-level course in the program in which case they must earn a minimum letter grade of C-.

Note: Humanities electives can be selected from university-level courses in the following: Classics, English, History, Philosophy, specific Fine Arts (Acting, Creative Art, Drama, Music or Visual Art) or General Humanities.

Bachelor of Science in Psychology

Credential
Bachelor's Degree

Duration
4 Years

Location
Main Campus

The Program
Psychology is the scientific study of thought, emotion, and behaviour; with a focus on the dynamic interplay of biology and environment. Red Deer Polytechnic offers both Bachelor of Arts in Psychology or Bachelor of Science in Psychology. Students will acquire knowledge of various areas of specialization within Psychology (e.g., social, cognitive, developmental, clinical, neuro/biological, health); embedded within the program are themes of wellness and creative problem-solving. Experiential learning such as community service and applied research provide valuable hands-on exposure to the application of psychology to solve problems and create positive social impact. Research in and application of psychology are valued within a wide variety of contexts such as universities, schools, hospitals, clinics, legal professions, corporations, and non-profit organisations. Skills developed by psychology students (e.g., critical thinking, academic writing, research and analysis, the scientific method, interpersonal communication, and emotional intelligence) prepare them for future employment in a wide variety of contexts, as well as for graduate level education in psychology or a related field, or for entry into professional programs (e.g., law and medicine).

Students can complete the full degree in four years of study. Students who have completed many of Red Deer Polytechnic's two-year diplomas including the University Arts Diploma, Social Work Diploma, and Justice Studies Diploma will be recognized for 60 credits of study and enter directly into Year 3 of study (with specific course requirements to fulfill degree completion criteria). Students who have completed another Diploma program may also be able to enter the degree in Year 3, depending on the credential. Students who have previously completed a degree may be eligible to complete this B.A. with one additional year of study.

Students may choose to complete a minor in Anthropology, Communication Studies, Economics, English, History, Philosophy, Political Science, and Sociology. Some disciplinary minors may have courses that require prerequisites or specific sequences or courses. Students should consult planning guides for details of a particular minor.

At the end of a Bachelor of Arts or Bachelor of Science in Psychology at Red Deer Polytechnic, students will be able to:

1. Recognize the provisional nature, inherent complexity, and ambiguity of knowledge.
2. Engage in scholarly inquiry to identify and investigate theoretical and applied questions using disciplinary methods and dissemination mechanisms.
3. Demonstrate detailed knowledge in one or more specializations and integrate knowledge and perspectives across disciplinary boundaries.
4. Demonstrate intellectual integrity and academic accountability.
5. Reflect on diverse socio-cultural forces, and the importance of inclusive attitudes and practices.
6. Analyse and interpret historical and contemporary events, texts, and data within and across disciplines.
7. Demonstrate collaborative, independent, and inclusive attitudes and practices.
8. Approach global and local issues from a critical and theoretically informed viewpoint.
9. Recognize wellness as part of the human condition.

Program Content

The degree pathway for the Bachelor of Science in Psychology is:

Students in the Bachelor of Science in Psychology degree program achieve a minimum cumulative GPA of 2.0 and complete a minimum of 120 credits with at least (all courses are 3 credits unless otherwise noted):

- 102 Credits in Arts and Sciences minimum with a maximum of 72 Credits in Psychology
- 45 Credits in Psychology (minimum) including:
    - PSYC 1001
    - PSYC 1002
    - PSYC 2713
    - PSYC 2714
    - PSYC 2241
    - PSYC 2653 OR PSYC 2657
    - PSYC 2475
    - PSYC 2358 OR PSYC 2369
    - PSYC 2283 OR PSYC 2589
    - PSYC 4705
- 9 Credits (3 courses) from PSYC 3201, PSYC 3301, PSYC 3401, PSYC 3501, PSYC 3601
- 6 Credits (2 courses) of additional Psychology courses.
- 3 Credits ENGL 1219
- 9 credits Social Science (non-PSYC) university-level electives
- 3 Credits Indigenous knowledge university-level elective
- 3 Credits Wellness university-level elective
- 6 Credits Humanities university-level electives

- 21 Credits Science for Bachelor of Science including: BIOL 1217 and BIOL 1218, one of BIOL 2317 or BIOL 2318; one of MATH 1202 or MATH 1203 or MATH 221; and 3 Courses from a specified list of Science courses (see Program Planning Guides)
- 15 Credits from Arts and Science electives to a minimum of 102 Credits in Arts and Science courses
- Additional university-level electives to 120 credits required for graduation

Transfer Features
Existing ACAT course transfers.

Admission Requirements
Students applying to the Bachelor of Science in Psychology, program must have a minimum average of 60% with no mark below 50% in the following courses or their equivalents:

- ELA 30-1 (ENGL 095)
- Bio 30 (BIOL 095)
- Math 30-1 (MATH 096)
- Chem 30 (CHEM 095)
- 1 subject from Group A, B, or C

OR

Alternate Admission

Minimum average of 60% with no mark below 50% in the following courses or their equivalents:

- ELA 30-1 (ENGL 095)
- BIO 30 (BIOL 095)
- Math 30-1 (MATH 096)
- Chem 30 (CHEM 095)

Graduation Requirements
Students in the Bachelor of Science in Psychology degree program achieve a minimum cumulative GPA of 2.0 and complete a minimum of 120 credits.

Related Careers
Psychologist (after further graduate level study). Additional employment opportunities exist (some requiring further education) in the following areas: Addictions counsellor; Administration; Advertising; Career/employment counsellor; Case worker;Child care worker; Child welfare worker; Community worker; Correctional officer; Counsellor; Cultural diversity consultant; Customs or immigration agent; Day care worker, supervisor; Educational counsellor; Entrepreneur; Fund-raiser or development officer; Gerontology; Government

researcher; Health services; Hospice coordinator; Human resources; Immigration officer; Labour relations specialist; Manager; Market research analyst; Marketing; Mental health worker; Motivational researcher; Personnel; Population studies researcher; Probation or parole officer; Professional consultant; Program coordinator; Psychiatric assistant or aide; Public health statistician; Public opinion interviewer; Public relations; Psychology professor; Recreation specialist; Research assistant; Sales representative; Social services; Social worker; Teaching; Technical writer; Travel agent; Youth worker

Bachelor of Science, Nursing - collaboration with University of Alberta

Credential
Bachelor's Degree

Duration
4 years at RDP collaborative with University of Alberta

Location
Main Campus

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 one elective are part of the program.

Course Sequence

1. To proceed to Year 4, students must have successfully completed all courses listed in Years 1, 2, and 3 and the two open electives.

2. 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.

3. Courses may be configured differently depending on clinical placement availability.

4. Students who withdraw or fail a fourth year nursing course (NURS 422, NURS 425, NURS 485) 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

- NURS 1215 Anatomy
- NURS 1230 Physiology & Pathophysiology I
- NURS1 236 Medical Microbiology
- NURS 1206 Foundations for Success in Nursing
- ENGL (3 cr)

- NURS 1231 Physiology & Pathophysiology II
- NURS 1207 Foundations of Nursing I
- NURS 1208 Health Assessment & Nursing Process
- NURS 1209 Innovation, Systems Thinking & Leadership in Healthcare
- INDS 1205 Indigenous Peoples in Canada

Year 2

- NURS 2217 Foundations of Nursing II
- NURS 2250 Introductory Acute Care Nursing Practice I
- NURS 2251 Pharmacology I
- NURS 2304 Statistics and Knowledge Management
- NURS 2301 Evidence Informed Nursing Practice
- NURS 2252 Pharmacology II
- NURS 2237 Foundations of Nursing III
- NURS 2253 Introductory Acute Care Nursing Practice II

Year 3

- NURS 3360 Community Nursing Through the Lifespan
- NURS 3361 Advanced Acute Care Nursing Practice I
- NURS 3362 Health Policy, Healthcare Organizations, Change Management
- NURS 3363 Mental Health and Wellness in Nursing
- NURS 3364 Advanced Acute Care Nursing Practice II
- NURS 3365 Leadership in Nursing & Inter-professional Practice

*NOTE: two open electives must be successfully completed by the end of the Winter term of year 3

Year 4

- NURS 422 Contemporary Issues in Healthcare Ethics & Law
- NURS 425 Nursing Leadership in a Focus Area
- NURS 485 Nursing Practice in a Focused Area
- INTD 420 Equity, Diversity, Inclusivity in Global Health

Practical Learning

- Build your competency with clinical practice experiences that occur in various health care settings
- You will benefit from hands-on, experiential learning in specialized clinical and simulation labs
- Begin to develop your own professional nursing identity using evidence-based practices

- Clinical practice in the Bachelor of Science in Nursing program is spent in various practicums such as surgery, continuing care, community health, rural hospitals, maternity etc.

Transfer Features
University of Alberta (at off-campus RDP site)
You will apply to the University of Alberta for admission to Year 4 of the University of Alberta Collaborative Baccalaureate Nursing Program with RDP 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. Academic:

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

1. Biology 30
2. Chemistry 30 or Science 30
3. ELA 30-1
4. Mathematics 30 (pure) or Mathematics 30-1 or 30-2
5. Subject from Group A, B, or C

2. Non-academic:

Casper

Applicants are only permitted to do the Casper assessment once per academic cycle. Applicants who have taken the test in previous years will be expected to retake it. The deadline to write Casper and be considered for admission to the program is February 2. If you write Casper after February 2, you will be considered for the waitlist.

Note: Bachelor of Science Nursing applicants will be offered admission on a competitive basis, based on GPA ranking and successful completion of the Casper assessment.

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 RDP).

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

English Language Proficiency

Applicants whose first language is not English must demonstrate English language proficiency in addition to the program admission requirements.

Indigenous Applicants

Indigenous applicants to the Bachelor of Science Nursing program, go to Program Admission Features below for more information.

Health and Safety

Note: Health Sciences workers are responsible to attain and maintain required health and safety certifications and maintain recommended immunization standards. As a student of a Health Sciences program you also are required to meet these standards of practice. These Health and Safety Requirements do not need to be submitted as part of your application. You are encouraged to become familiar with these requirements. See full information at Health & Safety Requirements.

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 Aboriginal ancestry with supporting documentation.

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

Recognition of Prior Learning/Experience
Nursing courses from other programs will be evaluated on a case-by-case basis for prior learning. Nursing coursework older than two years from the Bachelor of Science Nursing admission date is not eligible for Recognition of Prior Learning.

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

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

Note: Applicants are required to either have 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
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 access Office 365 which is provided as part of the RDP student account.

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) 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, 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: 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 to complete the practicum requirements. (Please note practicum refers to either clinical or preceptorship courses)

Continuation Requirements
In-Program Requirements

a. Foundational Course Minimum Pass: Students wishing to proceed in the Nursing program must achieve a grade of at least C+ in the foundational Nursing courses. A student who has not passed all foundational courses may not be able to progress. If a student receives a grade less than C+ in the second attempt of a foundational course, the student will normally be required to withdraw from the program.

Foundational Courses:

NURS 1215, NURS 1230, NURS 1231, NURS 1236, NURS 1206, NURS 1207, NURS 1208, NURS 2217, NURS 2251, NURS 2252

b. Non-Foundational Course Minimum pass: Students wishing to proceed in the Nursing program must achieve a grade of at least C in the non-foundational Nursing courses. If a student receives a grade less than C in the second attempt of a non-foundational course, the student will normally be required to withdraw from the program.

Non-Foundational Courses:
NURS 1209, NURS 2301, NURS 2304, NURS 2237, NURS 3362, NURS 3365

c. Probation: Requirements for nursing clinical courses: Any BScN student will be placed on probation following a failure/NCR in any nursing clinical course. When placed on probation, a student must fulfill any conditions specified by the Associate Dean, including receiving a grade of CR in any future nursing clinical course.

NOTE: Students who fail to satisfy any of the conditions of probation are required to withdraw and are ineligible for readmission to the BScN program.

d. Standing: A student with a term GPA of less than 1.7 will be required to withdraw from the BScN program. Students may re-apply to the program under the standard admission procedures for incoming students. Students who have been required to withdraw and who, after being readmitted, have a GPA of less than 2.0, will be required to withdraw and will not be readmitted to the BScN program.

e. Academic Progression Criteria: In order to progress to the winter term of each year of the BScN Program, students must successfully meet the minimum passing grades for each course in their fall term. In order to progress to subsequent years, students must successfully meet the minimal passing grades for all courses of the prevous year.

Courses taken outside RDP while in the BScN Program, require a letter of permission from RDP. The letter of permission only applies to the term for which it was applied.

Progression from Year 1 into Year 2 may be on a competitive basis by GPA, due to a limited number of clinical placements, which will be calculated using all courses within the Fall and Winter terms for the first year of the BScN Program. A maximum of two attempts at enrolment in 2nd year will be permitted.

f. Maintaining Registration:

1. Permission of the Associate Dean is required before students can register in courses in which they have previously received a grade of F, NCR, or WD. Students who receive a grade of F or WD or NCR in any NURS course will be considered out of sequence. As a result, program length will be extended and program completion may not be guaranteed.
2. Reregistration in Courses - A student who has a grade of WD, or does not achieve the minimum grade of C+ in a foundational nursing course, or minimum grade of C in non-foundational nursing course, or who receives a grade of no credit (NCR) for a clinical nursing course may be permitted a second attempt of the course or its equivalent.

Clinical Performance

a. Clinical Course Minimum pass: To proceed in the Nursing program students must achieve a grade of credit (CR) in the clinical nursing courses. Throughout the program, if a student receives a grade of no credit (NCR) for any two nursing clinical courses, the student will normally be required to withdraw from the program.

Nursing Clinical Courses (Years 1 – 3):
    NURS 2250, NURS 2253, NURS 3360, NURS3 361, NURS 3363, NURS 3364

b. Clinical competency development

i. INTP 2303

a. Students who withdraw or who receive a grade of no credit (NCR) for a nursing clinical course in the 2nd year or 3rd year of the Bachelor of Science Nursing program (NURS 2250, NURS 2253, NURS 3360, NURS 3361, NURS 3363, NURS 3364) will be required to enrol in and receive a grade of credit (CR) for INTP 2303 prior to the next attempt of the clinical course.

b. Students for whom INTP 2303 is required who receive a grade of no credit (NCR) for this course will be required to withdraw from the BScN program.

c. INTP 2303 may be required when:

1. More than 12 months has passed since a student's most recent successfully completed clinical course, or

2. A student is accepted for transfer from another Nursing program and it is considered necessary to assess the student's knowledge and skills.

NOTE: Students who receive a grade of no credit (NCR) on the second attempt in any nursing clinical course after successfully passing INTP 2303 will be required to withdraw from the program.

Professional Ethics: All students enrolled in the BScN program at Red Deer Polytechnic are bound by, and shall comply with the Canadian Nurses Association's Professional Codes of Ethics governing the profession and practice of Nursing, including the current Canadian Nurses Association's Code of Ethics for Registered Nurses, and all other relevant professional codes and practice standards for registered nurses.

Students in year 4 of the BScN program will need to be familiar with the University of Alberta's Code of Student Behavior (See §30.1 and 30.2 of the Code of Student Behaviour). The official version of the Code of Student Behaviour, as amended from time to time, is housed on the University of Alberta website at www.governance.ualberta.ca).

Related Careers

- Registered Nurse
- Mental Health Worker
- Surgical Nurse
- Acute Care Coordinator
- Personal Trainer
- Substance Abuse Counsellor

Business Certificate

Credential
Certificate

Duration
1 year

Location
Main Campus
Online

The Program
The one-year business certificate is designed for individuals looking to acquire introductory business skills to increase their employability or augment existing work experience. It also allows for budding entrepreneurs to gain a credential quickly while learning the key functional areas of business.

Students participate in our signature course, Business Topics and Skills. This course connects students to themselves, to learning, to the diverse Central Alberta community, and to career opportunities. Students are provided with networking opportunities in various courses.

The certificate provides credit towards the Business Diploma and Bachelor of Business Administration Degree.

The certificate consists of 10 courses or 30 credits. Courses are available face-to-face and online. Students can complete the program on a full-time or part-time schedule.

Admission is normally available for the Fall, Winter, Spring, and Summer.

Program Learning Outcome

1. Collaboration: Practice collaborating in and with diverse teams.

2. Communication: Communicate effectively utilizing oral, written, nonverbal, and media communication skills.

3. Critical Thinking and Creative Problem Solving: Practice using critical and reflective skills and practices to analyze organizational challenges.

4. Globalization: Recognize the impact of globalization across cultures and markets.

5. Social and Cross Cultural Awareness: Recognize the value of diverse ideas, perspectives, and worldviews in a business environment.

6. Information, Communication, Technology, and Financial Fluency: Apply information literacy, technology, research skills, and numerical and financial fluency to solve problems.

7. Ethics: Employ ethical decision making and demonstrate professionalism.

8. Business Acumen - Tools: Apply qualitative and quantitative methods to business scenarios.

9. Business Acumen - Holistic: Explain holistic and entrepreneurial approaches for working in, and managing, socially responsible organizations.

10. Lifelong Learning: Recognize the value of lifelong-learning and community engagement.

11. Indigenous: Contribute to the advancement of reconciliation and apply principles of Indigenous knowledge including identifying and describing Indigenous cultural protocols, worldviews, and learning approaches in both a business and societal context.

Program Content

- BUS 1010 Business Topics and Skills
- ACCT 1001 Introductory Financial Accounting I
- BUS 1210 Data and Information Management
- BUS 1100 Cross Cultural Awareness
- HRM 1281 Human Resource Management
- COMM 1250 Business and Workplace Writing
- BUS 2110 Management Principles

One of:

- ECON 1100 Business Microeconomics
- ECON 1101 Business Macroeconomics

Two of:

- MKT 1132 Marketing Principles
- MKT 2240 Professional Selling and Persuasion (requires MKT 1132)
- ESB 2251 Innovation and Entrepreneurship (requires MKT 1132)
- ESB 2253 Project and Events Management
- ACCT 2010 Introductory Management Accounting (requires ACCT 1001)
- ACCT 2001 Introductory Financial Accounting II (requires ACCT 1001)

- FINS 1150 Personal Finance
- CREA 2001 Creative Think Tank
- ESB 2204 Interpersonal Skills and Leadership
- BUS 3420 Operations Management (requires BUS 2306 or equivalent)
- One of ECON 1100 Business Microeconomics or ECON 1101 Business Macroeconomics (whichever was not taken above)

Continuing Education coursework may be used for one-course equivalent. Generally, 45 hours of Donald School of Business, Science and Technology approved Continuing Education courses will be considered equivalent to one three-credit Business Option. Coursework must be business-related or content that enhances a business portfolio.

Transfer Features
RDP Business Certificate courses provide credit towards the RDP Business Diploma.

Admission Requirements
ELA 30-2 65% or higher, or ELA 30-1 60% or higher, or equivalent

and
MATH 30-2 65% or higher, or MATH 30-1 60% or higher, or equivalent

or

Exam Placement with a minimum score of 250 on the Reading component, 250 on the Writing component, 5 on the WritePlacer Test and 250 on the Arithmetic component.

Please note that students who enter the Business Certificate through exam placement will be required to upgrade before entering the diploma.

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

Graduation Requirements
Completion of 10 courses with a minimum grade of "D" and a minimum GPA of 2.00 (62%). The 10 courses consist of 7 core business courses, 2 business options, and COMM 1250.

Related Careers
Business Certificate graduates find employment in a variety of fields. The certificate is designed to provide upward mobility for retail or sales associates; as well as, employment as shift managers, appointment coordinators, customer service associates, administrative assistants, and collections representatives. The

certificate was designed to give entrepreneurs a one-year overview of the key functional areas of a business.

To learn about the employment outlook, average salary, and additional information about the occupations listed here, refer to the Government of Alberta ALIS website.

Business Diploma

Credential
Diploma

Duration
2 years

Location
Main Campus

The Program
The two-year diploma program provides a broad background into the functional areas of business. It provides a deeper dive compared to the certificate, for those who have a bit more time to gain further expertise. The program is designed for individuals wanting to quickly progress into management positions, manage their own location, or gain the skills, insight, and confidence to run a successful business. The business diploma enhances other existing credentials.

Students in the diploma will participate in a 90-hour work practicum, research project, or service learning opportunity. Students will survey the functional areas of business, develop an entrepreneurial mindset through creative and critical thinking, and choose from a selection of project based courses in human resources, marketing, accounting, financial services, entrepreneurship and small business, and corporate finance and economics.

The diploma provides credit towards the Bachelor of Business Administration degree.

The diploma consists of 20 courses or 60 credits. Business Certificate holders may receive transfer credit for up to 10 courses or 30 credits. The diploma can be completed face-to-face and/or online. Please note that all business options courses may not be available online. Students may complete the program on a full-time or part-time schedule.

Admission is normally available for the Fall, Winter, Spring, and Summer.

Program Learning Outcomes:

1. Collaboration: Collaborate in and with diverse teams employing interpersonal communication, teamwork, and leadership skills.

2. Communication: Communicate effectively utilizing oral, written, nonverbal, and media communication skills.

3. Critical Thinking and Creative Problem Solving: Integrate creative, critical, and reflective skills and practices to analyze organizational challenges.

4. Globalization: Recognize the impact of globalization across cultures and markets.

5. Social and Cross-Cultural Awareness: Examine different ideas, perspectives, and worldviews in response to dynamic changing global, economic, political, social, and technological business environment.

6. Information, Research, Technology, and Financial Fluency: Apply information literacy, technology, research skills, and numerical and financial fluency to solve problems and analyze business decisions.

7. Ethics: Employ ethical decision making and demonstrate professionalism.

8. Business Acumen - Tools: Apply qualitative and quantitative methods to analyze business decisions.

9. Business Acumen - Analysis: Apply specific knowledge from the functional areas of business including terminology, business analytical tools, and techniques.

10. Business Acumen - Holistic: Apply holistic and entrepreneurial approaches when working in, and managing, socially responsible organizations.

11. Lifelong Learning: Recognize the value of lifelong-learning and community engagement.

12. Indigenous: Contribute to the advancement of reconciliation and apply principles of Indigenous knowledge including identifying and describing Indigenous cultural protocols, worldviews, and learning approaches in both a business and societal context.

Program Content
Year one:

- BUS 1010 Business Topics and Skills
- ECON 1100 Business Microeconomics
- ACCT 1001 Introductory Financial Accounting I
- BUS 1210 Data and Information Management
- MKT 1132 Marketing Principles
- BUS 1100 Cross Cultural Awareness
- FINS 1150 Personal Finance
- HRM 1281 Human Resource Management
- ECON 1101 Business Macroeconomics
- COMM 1250 Business and Workplace Writing

Year two:

- BUS 2110 Management Principles
- ACCT 2010 Introductory Management Accounting
- BUS 2306 Business Statistics I
- CREA 2001 Creative Think Tank
- BUS 2311 Business Law
- FNCE 2310 Corporate Finance
- ESB 2251 Innovation and Entrepreneurship
- BUS 2290 Directed Experiential Learning I

Two of:

- HRM 2510 Workforce Planning
- HRM 2530 Organizational Culture
- MKT 2242 Marketing Research
- MKT 2240 Professional Selling and Persuasion
- MKT 3234 Digital and Social Media Marketing
- ACCT 2001 Introductory Financial Accounting II
- ACCT 2305 Tax I
- ACCT 2204 Intermediate Management Accounting I
- FINS 2100 Consumer Credit
- FINS 3100 Mutual Funds / Investing
- ESB 2204 Interpersonal Skills and Leadership
- ESB 2253 Project and Events Management
- ESB 3410 Global Trade
- ECON 3327 International Money and Finance
- ECON 2331 Labour Economics
- ECON 2373 Industrial Organization
- BUS 3420 Operations Management
- BUS 3211 Management Information Systems

Transfer Features
RDP Business Certificate courses provide credit towards the Business Diploma.

RDP Business Diploma courses provide credit towards the RDP Bachelor of Business Administration.

Admission Requirements
ELA 30-2 65% or higher, or ELA 30-1 60% or higher, or equivalent

and

MATH 30-2 65% or higher, or MATH 30-1 60% or higher, or equivalent

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

Graduation Requirements
Completion of 20 courses with a minimum grade of "D" and a minimum GPA of 2.00 (62%).

Completion of 20 courses - consisting of 15 core business courses, 2 business options, COMM 1250, CREA 2001, and 1 experiential learning course.

Related Careers
Local business owners have indicated that a diploma is the minimum requirement for leadership positions within a franchise (lower/middle management, location/office manager), while leadership at the corporate level requires a degree. Employment opportunities from the Business Diploma also include: marketing assistant, program assistant, accounting technician, payroll administrator, bookkeeper, financial services assistant, personal banking associate, human resources assistant, client care coordinator, operations coordinator, and facility management.

Graduates have the ability to pursue work in human resources, financial services, and accounting before returning to complete a degree, which is necessary for positions that require a designation in the discipline.

To learn about the employment outlook, average salary, and additional information about the occupations listed here, refer to the Government of Alberta ALIS website.

Carpenter Apprenticeship

Credential
Alberta Journeyperson Certificate

Duration
4 years (eight weeks each year at RDP) including a minimum 1560 hours on the job training in each of the 4 years.

Location
Main Campus

Fees
For fee information, visit [Red Deer Polytechnic Carpenter Program Costs page](#).

The Program
The classroom instruction component of the Carpenter Apprenticeship training program at RDP involves traditional classroom theory delivery (may include blended learning), a variety of digital learning tools, various quizzes, examinations, and applied practical hands-on shop training.

Carpenters construct and repair structures made of wood, steel, and other materials. As a Carpenter, you may be employed by contractors, be self-employed, or you may do construction/maintenance work for government agencies, utility companies, or manufacturing firms.

Duties vary according to the type of job. Typically, carpenters' tasks involve:
- interpreting and applying information found in drawings, specifications, building codes and/or receiving instructions from a supervisor,
- performing layouts and math calculations,
- estimating and selecting materials required to complete a job or task,
- planning sequences of methods of work,
- measuring and marking materials to avoid costly mistakes or omissions
- operating various hand and power tools,
- cutting and shaping materials and joining them with various fasteners and adhesives,
- verifying the completed works is level, plumb, and the right size, shape and location.

Apprentices are expected to demonstrate progress in their apprenticeship program within 18 months by engaging in an activity that will lead to the completion of a period of the program.

Admission Requirements
Minimum:
- English 10-2 Math 10-3
- A pass mark in all five Canadian General Educational Development (GED)

or
- Canadian Adult Education Credential (CAEC) tests

or
- Entrance Exam

Recommended:
- English 30-2
- Math 30-3
- Physics 20 OR Chemistry 20 OR Science 20
- Related Career and Technology Studies (CTS) courses

Other Requirements
To learn the skills required of a Carpenter in Alberta and to be issued an Alberta Journeyperson Certificate, a person must find a suitable industry employer who is willing to hire, sponsor, and train an apprentice. For more information, please visit [Alberta Apprenticeship and Industry Training - Carpenter](#).

Graduation Requirements
Journeyperson Certificate is based on accumulated work experience and successful technical training outcomes.

Students must achieve a minimum grade of 70% on AIT practical project at the end of 4th period.

Continue Your Learning
If you have a valid Alberta Journeyperson Certificate, you are eligible to receive a Blue Seal business credential after completing the necessary requirements.

Take the skills you learn and challenge yourself. This trade has the opportunity for you to compete in the Provincial Skills Canada Competition, Skills Canada National Competition and WorldSkills Competition.

Related Careers
To work as a Carpenter in Alberta, a person must be a Registered Apprentice or a Certified Journeyperson.

As a Carpenter, you may be employed by contractors, be self-employed, or you may do construction/maintenance work for government agencies, utility companies or manufacturing firms.

Carpenters may advance to Foreman, Subcontractor, Construction Superintendent or Contractor. You are involved in every step of construction, and this overall knowledge is an advantage when applying for supervisory positions.

Computer Programming Diploma

Credential
Diploma

Duration
2 years

Location
Main Campus

The Program
This intensive program equips students with the knowledge and skills needed to respond to dynamic challenges in technology-based, global environments and succeed in the ever-growing field of software and web development. With emphasis on digital thinking and innovation, students will design, develop, and implement applications, diagnose and troubleshoot technical problems, and manage and operate databases. Through applied learning and project management opportunities, students will develop proficiency in communication, collaboration, and inclusive approaches to work in diverse settings.

Program Content
1. Investigate emerging technological trends and respond to challenges.
2. Diagnose, troubleshoot, document, and monitor technical problems using appropriate disciplinary principles, methods, and tools.
3. Assess and manage risk in local and remote information security systems for business and industry.
4. Design, develop, and implement applications for mobile, web and software systems.
5. Evaluate knowledge and skill gaps and apply strategies for personal and professional development to enhance work performance.
6. Manage projects using appropriate tools while adhering to ethical, regulatory, and economic requirements in the development of computing solutions and systems.
7. Communicate and collaborate with team members and stakeholders to ensure effective working relationships.
8. Demonstrate collaborative, independent and inclusive attitudes and practices integrating multidisciplinary perspectives and approaches.
9. Demonstrate professional conduct in all aspects of individual and team-based work.

Year 1

   CPRO 1101 Front-End Web Development I
- CPRO 1121 Problem Solving / Program Logic

- CPRO 1201 Python Programming I
- CPRO 1301 Database Design and SQL
- CPRO 1122 General Mathematics
- CPRO 1102 Front-End Development II
- CPRO 1211 Programming C#.NET
- CRPO 1221 Programming Java SE
- CPRO 1302 Database Programming
- CPRO 1011 Communication in the Workplace

Year 2

- CPRO 2901 Capstone 1
- CPRO 2101 Full Stack JavaScript
- CPRO 2211 Web Applications Using C#.NET
- CPRO 2221 Programming Java EE
- CPRO 2501 Software Design and Development
- CPRO 2902 Capstone II
- CPRO 2201 Python Programming II
- CPRO 2601 Cloud Computing
- CPRO 2602 Cybersecurity
- CPRO 2011 Workplace Teams

Admission Requirements

Students applying to the Computer Programming Diploma must have a minimum of 50% in Math 30-1 and English 30-1, or at least 60% in Math 30-2 and English 30-2.

This is a bring your own device program. Students will be required to obtain a laptop for completing course requirements.

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

Other Requirements

This is a bring your own device program. Students will be required to obtain a laptop for completing course requirements.

Minimum Specifications: Windows 10, Intel Core i5 or equivalent AMD Ryzen processor, 8GB RAM, 256GB hard drive, WiFi, Bluetooth.

Recommended Specifications: Windows 11, Intel Core i7 or equivalent AMD Ryzen processor, 16GB RAM, 512GB SSD, WiFi, Bluetooth.

Graduation Requirements

Students in the Computer Programming Diploma must pass all courses and achieve a minimum cumulative GPA of 2.0.

Related Careers

Prepared for careers in computer programming, data management, and information technology, graduates will enter the workforce ready to compete for employment in both large and small organizations across a variety of sectors, as:

- Computer Programmer
- Information Technology Specialist
- Programmer Analyst
- Software Developer
- Interactive Media Programmer
- Multimedia Developer
- Internet Site Developer
- Web Developer

Cook Apprenticeship

Credential
Alberta Journeyperson Certificate

Duration
3 years (three 12-month periods) including a minimum of 1560 hours of on the job training and 40 weeks of classroom instruction (one day per week, total of 240 hours) in each of the 3 years.

Location
Main Campus

Fees
For fee information, visit [Red Deer Polytechnic Cook Costs page](#).

The Program
The classroom instruction component of the Cook Apprenticeship training program at RDP involves traditional classroom theory delivery (may include blended learning), a variety of digital learning tools, various quizzes, examinations, and applied practical hands-on kitchen training.

Cooks prepare food in eating establishments including hotels, restaurants, institutions, trains and ships. Their major responsibilities include preparing food in a safe manner within established budgets. Depending on the establishment, cooks may be involved in any combination of the following duties:

- studying menus to estimate food requirements and obtain the necessary food from storage or from suppliers,
- washing, peeling and cutting vegetables,
- cleaning and cutting meats, fish and poultry,
- cleaning kitchen equipment and cooking utensils,
- preparing, seasoning and cooking such foods as soups, salads, meats, fish, gravies, vegetables, desserts, sauces and casseroles,
- carving meats, preparing portions on a plate and add gravies, sauces and garnish to servings,
- baking pastries,
- preparing buffets (e.g. platters, showpieces),
- preparing special diets, overseeing menu planning, regulating stock control and supervising kitchen staff,
- costing recipes to calculate portion costs and menu prices.

Apprentices are expected to demonstrate progress in their apprenticeship program within 18 months by engaging in an activity that will lead to the completion of a period of the program.

Admission Requirements
Apprenticeship and Industry Training (AIT) entrance recommended path requirements:
- ELA 30-2
- Math 30-3
- Physics 20 or Chem 20 or Science 20
- Related CTS courses

OR
Minimum Requirements:
- ELA 10-2
- Math 10-3

OR
A pass on all five Canadian GED tests
OR
Successful completion of AIT's entrance exam

Other Requirements
To learn the skills required of a Cook in Alberta and to be issued an Alberta Journeyperson Certificate, a person must find a suitable industry employer who is willing to hire, sponsor, and train an apprentice. For more information, please visit Alberta Apprenticeship and Industry Training – Cook Apprenticeship webpage.

Graduation Requirements
Journeyperson Certificate is based on accumulated work experience and successful technical training outcomes.

Continue Your Learning
Apprentices may attempt the Interprovincial Exam in the final period of their apprenticeship training and, if successful, be granted a Red Seal.

Related Careers
Those authorized to perform the restricted activities of this designated trade include:
- Sponsored Apprentices,
- Certified Journeypersons,
- Individuals deemed qualified by their employer,
- Self-employed individuals.

Culinary Arts Diploma

Credential
Diploma

Duration
16 months (To be completed over 2 academic years)

Location
Main Campus

The Program
The Culinary Arts Diploma is a full-time program completed over two academic years (16 months). You will be introduced to the art and science of professional cooking, first learning the foundational techniques and practices utilized in North American commercial kitchens, then honing your advanced food-preparation skills preparing you for a career as a culinary expert. Learning from experienced Chefs, you will bring the theory learned in classroom into an industry-equipped kitchen, learning how to prepare and customize culinary dishes as would be completed in restaurants or in a variety of other food service industry settings.

Program Content
Year 1:

- CULI 1100 Kitchen Fundamentals and Safety
- CULI 1101 Integrated Food Services
- CULI 1102 Meat Production and Saucier 1
- CULI 1103 Bakeshop Production 1
- CULI 1104 Workplace Preparation
- CULI 1105 Management Controls and Nutrition
- CULI 1106 Integrated Lunch Service
- CULI 1107 Meat Preparation and Saucier 2
- CULI 1108 Bakeshop Production 2

Year 2:

- COOP 2100 Co-Op Work Term
- CULI 2101 Advanced Management Skills
- CULI 2102 Integrated Dinner Service
- CULI 2103 Meat Preparation and Saucier 3
- CULI 2104 Bakeshop Production 3

Admission Requirements
A minimum mark of 50% in ELA 10-1 or 60% in ELA 10-2 (or equivalent)

and

A minimum mark of 50% in Math 10-3 (or equivalent)

Note: Applicants whose first language is not English must demonstrate English language proficiency

Continuation Requirements
In Program Requirements:

Students must complete a 480 hour paid Industry Work Placement

Graduation Requirements
Graduates must successfully pass all courses and achieve a cumulative GPA of 2.0.

Diagnostic Medical Sonography Diploma

NEW

Credential
Diploma

Duration
2 years

Location
Main Campus: face-to-face and online asynchronous course deliveries
Clinical/Practicum Placements: off-site practice placements (within Red Deer and throughout the province)

The Program
The program prepares the graduate to become a Diagnostic Medical Sonographer (DMS) and is delivered over 6 academic terms. Diagnostic Medical Sonographers are highly skilled professionals who support patient care through diagnostic imaging using specialized ultrasound equipment. Students will graduate from the RDP generalist DMS program with expertise in sonographic physics and instrumentation; discriminating between normal, variants, and abnormal findings and pathologies within organs and vessels; evaluating images of gravid and non-gravid female pelvis and reproductive system; and ethical, professional patient-focused care. Upon graduation, students will be prepared to successfully challenge the Sonography Canada credentialing exam, and practice as Diagnostic Medical Sonographers.

Program Learning Outcomes
1. Use effective and adaptive oral, written, and non-verbal communication to ensure quality professional relationships are developed with patients, families, members of the health care team, and other stakeholders.
2. Commit to lifelong learning for continuous excellence in practice and adhere to the regulatory guidelines and relevant code of ethics and conduct.
3. Facilitate the efficient use of resources and the implementation of technological developments in diagnostic ultrasound to advance patient outcomes.
4. Integrate knowledge, skills, and compassion in providing patient-centred care and protect the dignity, comfort, and safety of patients during clinical procedures and examinations.
5. Adhere to recognized standards of the profession and ensure competency in using diagnostic imaging tools.
6. Demonstrate the knowledge, skills, and judgement necessary to perform a thorough ultrasound examination, acquire and analyze data, and provide a professional account of sonographic findings.

7. Create and maintain a safe work environment while engaging in self-protection to protect own health and well-being.
8. Recognize the value of diverse ideas, perspectives, and worldviews.
9. Work effectively independently and collaboratively to complete tasks utilizing interpersonal, organizational, time-management, and problem-solving skills.
10. Maintain awareness of current and emerging technological developments in the field of sonography.

Program Content

Year 1 - Fall

- SONO 1170: Sonographic Physics and Instrumentation I
- INTP 1102: Healthcare Anatomy and Physiology
- SONO 1100: Medical Terminology for Sonography
- SONO 1120: General Sonography I
- SONO 1105: Cross Sectional Anatomy

Year 1 - Winter

- SONO 1270: Sonographic Physics and Instrumentation II
- SONO 1220: General Sonography II
- SONO 1225: Gynecological Sonography
- SONO 1207: Patient Care for Sonography

Year 1 - Spring/Summer

- INTP 1104: Healthcare Communcation I
- SONO 1135: Simulated Clinical
- SONO 1230: Vascular Sonography
- NURS 236: Medical Microbiology

Year 2 - Fall

- PHIL 2386: Bio Ethics
- SONO 2225: Obstetrical Sonography
- SONO 2320: General Sonography III

Year 2 - Winter

- SONO 2235: Clinical Practicum I
- SONO 2236: Professional Development

Year 2 - Spring/Summer

- SONO 2245: Clinical Practicum II
- SONO 2240: Comprehensive Integration

Transfer Features
Include only approved transfer arrangements

Admission Requirements
A minimum of 75% in:
- Math 30-1 or Math 30-2 and
- English 30-1 and
- Biology 30 and
- Physics 30.

Designated Seats for Qualified Indigenous Applicants
The Sonography Diploma program at Red Deer Polytechnic 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 Sonography program has designated 10% (ten per cent) of seats in the program 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 1 for the Fall (September) term and October 1 for the Winter (January) term 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.

Additional Requirements

Immunization information and requirements to be completed prior to program start date and updated if required throughout the program to remain compliant with placement requirements. Requirements are posted on the School of Health and Wellness's Health and Safety Requirements website.

The applicant must provide evidence of current Heart and Stroke Foundation: Basic Life Support Provider Level and Standard First Aid. You must re-certify CPR each year.

Note: Health workers are responsible to attain and maintain required health and safety certifications and maintain recommended immunization records. As a student of a Health and Wellness program you are also required to meet these standards of practice. These Health and Safety Requirements do not need to be submitted as part of the application.

Note: Practicum travel and expenses: RDP's Diagnostic Medical Sonography program includes two external clinical practicum courses which total 1,080 hours. Students are responsible for all expenses associated with practicum. Practicum expenses can vary depending on practicum location and could include room and board, and travel to and from the workplace. Students are required to have appropriate clothing or workwear appropriate for working with the public in a professional setting. Due to practicum availability, students may be required to travel to any location within the province of Alberta in order to complete the practicum requirements. In extreme circumstances, the Polytechnic may need to delay completion of a practicum until a placement becomes available.

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) 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, professional accreditation and therefore affect future employment prospects. It is the decision of each agency or institution to accept or reject a student for placement based on the results of the police information check.

Technology Requirement:

The Sonography Diploma is a Bring Your Own Device Program to ensure students have the required computer hardware to successfully complete activities and assignments. Applicants are required to have either a MAC or a PC laptop that meet the following specifications (most laptops purchased within the last two years will likely meet requirements):

Laptop requirements:
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)
- 2 Micro SD cards and SD card reader

* 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 Polytechnic virtual desktop with the full Microsoft Office Suite of applications.

Graduation Requirements
Students must pass all courses and achieve a minimum cumulative GPA of 2.00. Due to the changing nature of health care and sonography, students must complete the program within 4 academic years from the term when they were first admitted.

Related Careers
Diagnostic Medical Sonographer

Early Childhood Education Leadership Development Certificate

Credential
Certificate

Duration
One year

Location
Online

The Program
The one-year Early Childhood Education Leadership Development Certificate offers students the opportunity to learn the theory and practices associated with a leadership role in the Early Learning and Child Care profession. Courses will explore contemporary ideas of management, relationships, curriculum, and pedagogy from the context of a leader. Through an immersive workplace learning experience, most learning will be in the students' Early Learning and Child Care workplace and supported by online learning.

Program Content
- ECEL 3001 - Leading in Context
- ECEL 3002 - Ethics, Advocacy & Professionalism
- ECEL 3003 - Organizational Leadership
- ECEL 3004 - Human Resource Management
- ECEL 3005 - Business Operations
- ECEL 3006 - Family and Community Relationships
- ECEL 3007 - Learning Environments & Curriculum
- ECEL 3008 - Pedagogical Leadership

Program Delivery
The program will appeal to persons already employed in Early Learning and Child Care settings who wish to enhance their leadership knowledge and skills. Offered through compressed online classes and immersive workplace learning, students will achieve at least 51% of their learning outcomes on the job. Online classes and the opportunity to complete on-the-job components within current employment contexts will increase the accessibility of the program for students in diverse circumstances and locations.

Admission Requirement
Complete the letter of verification of employment and provide to the Office of the Registrar.

Applicants must either:

Hold an Early Learning and Child Care Diploma from a public post-secondary institution OR

Hold a recognized Early Learning and Child Care Certificate from a public post-secondary institution and be employed in a Leadership role in an organization compliant with the Early Learning and Child Care Act and Regulations.

*A combination of Alberta Government Level 2 or Level 3 certification equivalency and previous experience may be considered.

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

Other Requirements
Other requirements, as confirmed by a letter from the employer:

- Must be employed for a minimum of 20 hours/week in an organization compliant with the Early Learning and Child Care Act and Regulations.
- Must be employed with current employer for a minimum of one year.

*Programs under Education Act and/or outreach agencies may be considered.

Students will require a device (computer/laptop) and reliable internet access for online classes.

Graduation Requirements
Students must pass all courses in this program to receive the certificate.

Related Careers
Graduates will have the skills to be employed as Program Directors, Assistant Directors, Administrators, Coordinators, or Licensing Officers.

Early Learning and Child Care Certificate

Credential
Certificate

Duration
1 year

Location
Main Campus

The Program
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 and 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 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.

RDP offers a one-year certificate in Early Learning and 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 the ELCC program.

Program Content

- COMM 1150 Fundamentals of College and Workplace Writing or COMM 1250 Business and Workplace Writing

- ELCC 1201 Foundations of Early Childhood Development
- ELCC 1206 Introduction to Special Needs
- ELCC 1210 Practicum I
- ELCC 1211 Child Development
- ELCC 1212 Play and Documentation
- ELCC 1213 Interpersonal Relations
- ELCC 1215 Literacies and Dramatic Play
- ELCC 1217 Guiding Behaviour
- ELCC 1218 Responsive Experiences
- ELCC 1220 Practicum II

Note: If they qualify, students are encouraged to replace COMM 1150 with either COMM 1250 or ENGL 1219. Students with 50% or greater in ELA 30-1 may take ENGL 1219. Students with 60% or greater in ELA 30-1 may take COMM 1250. COMM 1150 does not have a prerequisite.

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 RDP 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 Outreach Delivery 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.

Students can enter the program in September, January or May and can register as part-time or full-time students.

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

OR

A minimum score of 250 on the Reading component, 250 on the Writing component and 5 on the WritePlacer Test.

OR

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.

Other Requirements

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.

Special Fees and Expenses
Practicum courses are usually in the Red Deer area, but you should expect some extra costs for travel, clothes, etc.

Communications Course Placement Testing
Students will be required to take a Communications and Skills Assessment Test before registering in a 1200-level written communications course. A minimum score of 530 on the Combined Reading and Writing and 7 on the WritePlacer Test is required.

NOTE: COMM 150 and 1250 are course requirements for the Early Learning & Childcare, Certificate. However, if students achieve a satisfactory mark on their Communications Skills Assessment, they will be exempt from COMM 1150 and will only need to take COMM 1250.

NOTE: If a student achieves 60% or greater in ELA 30-1 or equivalent, they are exempt from having to take the Communications Skills Assessment, their registration will be cancelled in COMM 1150 and they will only need to take COMM 1250.

Graduation Requirements
You must pass all first year courses to receive a certificate.

Special Fees and Expenses
Practicum courses are usually in the Red Deer area, but you should expect some extra costs for travel, clothes, etc.

Related Careers

- 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

Early Learning and Child Care Diploma

Credential
Diploma

Duration
2 years

Location
Main Campus

The Program
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 and 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 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.

RDP offers a two-year diploma program in Early Learning and 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.

Program Content

- *ELCC 2305 School-Age Care Studies
- *ELCC 2308 Family Support
- *ELCC 2327 Infant and Toddler Studies
- ELCC 2329 Trauma Sensitive Practices
- ELCC 2309 Indigenous Ways in ELCC
- ELCC 2310 Practicum III
- ELCC 2315 Program Administration
- ELCC 2317 Creative Play Perspectives
- ELCC 2320 Practicum IV
- ELCC 2321 Family Studies
- ELCC 2323 Responsive STEM Environments
- ELCC 2325 Designing for Special Needs

*One of ELCC 2305, ELCC 2308, ELCC 2327 or one other option approved by the Associate Dean.

Delivery Options
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 (RDP 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
Diploma Admission Requirements (3 options):

Option 1: A minimum of 50% in ELA 30-1 or 65% in ELA 30-2, or equivalent. OR A minimum score of 250 on the Reading component, 250 on the Writing component and 5 on the WritePlacer Test. OR Previous completion of three College-level courses with a minimum GPA of 2.0.

Option 2: Early Learning and Child Care Certificate with a minimum GPA of 1.7, or consent of the Associate Dean.

Option 3: Transferring student from another post-secondary institution will be required to present an equivalent academic program.

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

Other Requirements
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 Criminal Record Checks of students working in their organizations. Information about obtaining Criminal Record 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.

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.

Special Fees and Expenses
Practicum courses are usually in the Red Deer area, but you should expect some extra costs for travel, clothes, etc.

Related Careers

- 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
- 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

Early Learning and Child Care Workplace Advancement

This program is designed to reduce barriers for individuals currently working in the early childhood education sector, who have their early learning and child care (ELCC) certificate from a postsecondary institution, and who wish to complete the educational requirements to obtain their ELCC diploma providing opportunity to obtain their Level 3 certification from the Alberta Government.

This program specialization is equivalent to the second year of the Early Learning and Child Care Diploma offered at Red Deer Polytechnic. Students who complete this program specialization will remain employed and will develop and demonstrate program competencies through work and online learning, with the competency assessment being completed by or under the guidance of a Red Deer Polytechnic instructor. Learners will have the equivalent knowledge and credential as students who graduate from the two-year ELCC diploma at RDP.

Course	Course Title
ELCC 2309	Indigenous Ways in ELCC
ELCC 2310	Practicum III
ELCC 2315	Program Administration
ELCC 2317	Creative Play Perspectives
ELCC 2320	Practicum IV
ELCC 2321	Family Studies
ELCC 2323	Responsive STEM Environments
ELCC 2325	Designing for Special Needs
ELCC 2329	Trauma Sensitive Practices
ELCC 2305*	School-Age Care Studies
ELCC 2308*	Family Support
ELCC 2327*	Infant and Toddler Studies

*One of ELCC 2305, ELCC 2308, ELCC 2327

Program Delivery:

The program will be offered as an immersive workplace learning specialization to achieve the outcomes of the second year of the Early Learning and Child Care diploma. Students will continue to work in an ELCC Centre and outcomes, skills, and competencies will be assessed through their work. They will complete greater than 51% of their certificate in the workplace and less than 49% in an online learning environment.

Admission Requirements:

Complete the ELCC Workplace Advancement Letter of Verification of Employment and provide to the Office of the Registrar at admissions@rdpolytech.ca.

Students applying to this program specialization must be employed within a licensed ELCC Facility or Home-Based Centre and must have previously completed a recognized Early Learning and Child Care Certificate program or the first year of a recognized ELCC Diploma program.

Intakes for this program specialization will occur once per year, with each intake being cohort based.

Graduation Requirements:

Learners must successfully complete all courses in this program specialization to receive the credential.

Educational Assistant Certificate

Credential
Certificate

Duration
1 year

Location
Main Campus
Online

The Program
The Educational Assistant Program will prepare you for a rewarding career making a difference in students' lives. Educational Assistants are a vital part of the educational team in today's schools and classrooms. Educational Assistants work alongside teachers and other professionals to support student learning. With a focus on working in inclusive settings, EA students will learn the theory, skills and strategies to provide effective academic, behavioral and emotional student support. The program includes two practicums where you will apply theory to practice under the direct supervision of a classroom teacher.

Courses are offered both online and on-campus, providing you with choice and flexibility, based on how you prefer to learn. Full-time or part-time study is available.

To complete the program in one-year, full time study must begin in Fall term. Part-time study can begin in Fall, Winter or Spring terms.

Program Content
Length of program: 10 months (September to June)

- COMM 1150 - Fundamentals of College and Workplace Writing
- EDAS 1111 - Role of the Educational Assistant
- EDAS 1116 - Human Relations
- EDAS 1160 - Supporting Students in Literacy
- EDAS 1151 - Trends in Inclusive Practice
- EDAS 1152 - Physical and Emotional Support
- EDAS 1160 - Supporting Students in Literacy
- EDAS 1161 - Supporting Students in Numeracy
- EDAS 1153 - Fostering Positive Behaviour
- EDAS 1154 - Neurodevelopmental Support
- EDAS 1170 - Classroom Technology
- EDAS 1181 - Field Practice
- EDAS 1114 - Field Experience

Note: If they qualify, students are encouraged to replace COMM 1150 with a 1200 level COMM or ENGL. Students with 50% or greater in ELA 30-1 may take ENGL 1219. Students with 60% or greater in ELA 30-1 may take COMM 1250. COMM 1150 does not have a prerequisite.

Note: Students with an academic status of Academic Warning or Probation will not be placed in EDAS 1114 (Field Experience practicum) or EDAS 1181 (Field Practice practicum) until they have cleared this status.

Delivery Options

The coursework in the Educational Assistant program is offered two ways: through classes on-campus and through online course. Students may complete the program entirely on-campus, entirely online, or through a blend of on-campus and online courses. The program may be completed through full-time or part-time study in either on-campus or online 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 online courses require regular access to a computer with internet service; please contact the Flexible Learning Office at 403-357-3664 for details.

Admission Requirements

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

OR

A minimum score of 250 on the Reading component, 250 on the Writing component and 5 on the WritePlacer Test.

OR

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 requirements in addition to the program admission requirements.

Recognition of Prior Learning/Experience

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 RDP 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)

Other Requirements
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 criminal record 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.

Graduation Requirements
You must pass all required classes and achieve an overall GPA of 2.00.

Related Careers

- Educational assistants at all levels in the K-12 education system
- Respite care
- Child and youth care
- Community disability programs
- 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.
- Library assistants
- Playground and lunchroom supervisors

Electrician Apprenticeship

Credential
Alberta Journeyperson Certificate

Duration
4 years (eight weeks each year at RDP) including a minimum 1560 hours on the job training in each year of the 4 years.

Location
Main Campus

Fees
For fee information, visit [Red Deer Polytechnic Electrician Program Costs page](#).

The Program
The classroom instruction component of the Electrician Apprenticeship training program at RDP involves traditional classroom theory delivery (may include blended learning), a variety of digital learning tools, various quizzes, examinations, and applied practical hands-on shop training.

In this program, you will learn to install, alter, repair, and maintain electrical systems. You will spend a portion of your technical training in labs to support and apply the theory you learn in class. You will learn to work in a team environment and have the ability to coach and mentor.

Electricians work for construction and maintenance contractors, manufacturers, resource companies and other large organizations. As you advance in this career, you will have unlimited career paths to choose from. Options include leading a team, owning a company or working on complex construction projects. The power is in your hands to choose the path best suited to you.

Apprentices are expected to demonstrate progress in their apprenticeship program within 18 months by engaging in an activity that will lead to the completion of a period of the program.

Admission Requirements
Minimum:
- English 20-2 Math 20-3 Science 10
or
- A pass mark in all five Canadian General Educational Development (GED)
or
- Canadian Adult Education Credential (CAEC) tests
or

- Entrance Exam

Recommended:
- English 30-2
- Math 30-3
- Physics 30 OR Chemistry 30 OR Science 30
- Related Career and Technology Studies (CTS) courses

Other Requirements
To learn the skills required of an Electrician in Alberta and to be issued an Alberta Journeyman Certificate, a person must find a suitable industry employer who is willing to hire, sponsor, and train an apprentice. For more information, please visit [Alberta Apprenticeship and Industry Training - Electrician.](#)

Graduation Requirements
Journeyperson Certificate is based on accumulated work experience and successful technical training outcomes.

Continue Your Learning
Upon successful completion of the apprenticeship program, the apprentice will receive a journeyperson certificate and an AIT Advanced Diploma educational credential.

Apprentices may attempt the Interprovincial Exam in the final period of their apprenticeship training and, if successful, be granted a Red Seal.

Take the skills you learn and challenge yourself. This trade has an opportunity for you to compete in the Provincial Skills Canada Competition, Skills Canada National Competition and WorldSkills Competition.

Related Careers

- Apprentice Electrician
- Journeyperson
- Supervisory Roles (Lead Hand, Foreperson, Superintendent)
- Estimator
- Management Positions (Project, Operations, Branch)
- Entrepreneurship
- Red Seal endorsement available

Executive Assistant Diploma

Suspended June 1, 2025 to June 30, 2028

Credential
Diploma

Duration
2 years

Location
Main Campus
Online (Asynchronous)

The Program
The Executive Assistant diploma builds on the Administrative Professional Certificate and caps it off with select courses from the Business programming. This program provides the Executive Assistant with essential skills such as office procedures, computer software training, accounting, human resources, business and contract law, cross cultural awareness, and project and event planning. The work integrated learning courses provide students the opportunity to apply their skills and get mentorship in real world situations. Graduates of the Executive Assistant diploma are ready to take initiative and apply exceptional verbal and written communication, relationship building, diplomacy, leadership skills, and political acumen to provide senior executives across a wide variety of industries with the support to function as effectively as possible.

Program Outcomes:

1. Conduct oneself professionally and adhere to relevant legislation, standards and codes of ethics.
2. Manage the scheduling, coordination and organization of administrative tasks and workflow within specific deadlines and according to set priorities.
3. Coordinate the collection, analysis, distribution and response to communications in the workplace to facilitate the flow of information.
4. Operate and provide support related to the use, maintenance and procurement of office equipment and technologies.
5. Evaluate, establish and administer a variety of records management systems to ensure confidential, secure, accessible and organized electronic and paper records produce financial documents and reports by identifying and compiling relevant information and using accounting software.
6. Prepare and produce a variety of business documents using available technologies and applying industry standards.

7. Use interpersonal, leadership and client service skills to respond to diversity and to support the vision and mission of the organization.
8. Research, analyze and summarize information on resources and services and prepare summary reports with recommendation.
9. Select and use information technologies to support communication with internal and external stakeholders and to promote the organization.
10. Organize and coordinate meetings, conferences, special events and make travel arrangements, including the preparation of related documentation.
11. Apply basic entrepreneurial strategies, employing critical thinking and ethics within the Office Administration field.

Program Content

- APRO 1100 Information Processing I
- APRO 1110 Document Processing I
- APRO 1126 Basic Accounting
- APRO 1130 Office Systems I
- COMM 1150 Fundamentals of College and Workplace Writing
- APRO 1101 Spreadsheet Fundamentals
- APRO 1102 Computer Essentials
- APRO 1111 Document Processing II
- APRO 1131 Office Systems II
- APRO 1135 Introduction to Industry Sectors
- APRO 1160 Personal Leadership
- APRO 1170 Practicum
- BUS 1010 Business Topics and Skills
- BUS 1100 Cross Cultural Awareness
- BUS 2110 Management Principles
- BUS 2311 Business Law
- MKT 1132 Marketing Principles
- HRM 1281 Human Resources Management
- ESB 2253 Project and Event Management
- COMM 1250 Workplace Writing
- BUS 2290 Directed Experiential Learning I
- Option X (one of ACCT 2001, ECON 1101, ECON 1100, COMM 2383, MKT 2240, CREA 2001, FINS 1150, BUS 1210 or other with permission of the Associate Dean

Transfer Features
Red Deer Polytechnic Certificates in Administrative Professional and Business Certificate will provide credit towards the Executive Assistant Diploma Program.

Students presenting Certificates from other recognized post-secondary institutions

may be granted transfer credit for the Executive Assistant Diploma Program.

Admission Requirements
50% in ELA 30-1, or
equivalent Or

65% in ELA 30-2, or
equivalent Or

A minimum score of 250 on the Reading component, 250 on the Writing component and 5 on the WritePlacer Test

Or Certificate Entry Admission

- Successful completion of RDP's Administrative Professional Certificate program, or equivalent from an accredited Canadian public post-secondary institution.
- Successful completion of RDP's Business Certificate program, or equivalent from an accredited Canadian public post-secondary institution.

Note: When receiving admission based on completion of a Certificate, this pathway might require additional course work for diploma completion. It is the student's responsibility to ensure that prerequisites are met for course selection.

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

Additional Requirements
Police information check may be required for practicum purposes. It is recommended students have their own device.

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

Related Careers
Graduates are prepared for careers across a variety of sectors with an organization structure that includes senior executives. Related positions include Executive Assistant, Receptionist, Operations Coordinator, Office Coordinator, Office Associate Administrative Specialist, Administrative Manager, Office Manager, and Project or Event Coordinator.

Gasfitter Apprenticeship (year 1)

Duration
3 years; 8 weeks at RDP + minimum 1,560 hours on-the-job training each year

Fees

For fee information, visit Alberta Apprenticeship and Industry Training.

Related Careers

- Gasfitter – Class A
- Gasfitter- Class B
- Journeyperson
- Red Seal endorsement available
- Gasfitter Instructor
- Gasfitter Inspector

Health Care Aide Certificate

Credential
Certificate

Duration
Approximately 8 months (Full-time studies) including theory learning, labs and practicum placement. (This credit program is offered through the Division of Extended Education.)

The Program
The Health Care Aide Certificate – Government of Alberta Health Care Aide Provincial Curriculum 2019 program prepares students to be a part of the health-care team in a variety of different settings, providing high level of front-line care to clients in need of assistance.

As a Health Care Aide students may work in acute care facilities, continuing care facilities, hospitals, as well as in clients' homes. A Health Care Aide assists individuals needing care in a variety of ways including: assisting with eating, dressing, washing and moving.

The program uses a variety of learning approaches including online readings, assignments and lessons, in-person labs with a certified instructor, and in-person clinical placements. This program follows the Government of Alberta approved Health Care Aide 2020 curriculum and successful graduates are certified as Health Care Aides in Alberta.

Program Outcomes
Health Care Aides must demonstrate competency as specified in the Alberta Health Care Aide Competency Profile.

Program Content
HCA 1001 HCA Roles and Responsibility
HCA 1002 The Human Body, Health and Chronic Illness
HCA 1003 Communication and Documentation in the Health Care Environment
HCA 1004 Providing Person-Centred Care and Comfort
HCA 1005 Clinical Placement I
HCA 1006 Meeting Complex Care Needs
HCA 1007 Special Activities for Clients with Various Health Conditions
HCA 1008 Clinical Placement II
HCA 1009 Consolidated Clinical Placement

Delivery Options

The Government of Alberta Health Care Aide Provincial Curriculum 2019 Certificate is offered in a blended delivery format with lectures and class work being done online, and all practicum placements and labs being in person. This program is offered in multiple communities, including Red Deer, Drumheller, Innisfail, Ponoka, Rocky Mountain House, Stettler and Sundre.

Transfer Features
Alberta Health implemented new policies and program standards for the HCA program. Please refer to the Health Care Aide Provincial Program Prior Learning Assessment and Recognition (PLAR) Guide for Students.

Admission Requirements
- English Language Arts (ELA) 20-2 level course, with a minimum score of 60% achieved or Canadian jurisdiction equivalent; or
- English 20-1 with a minimum of 60% achieved or Canadian jurisdiction equivalent; or
- English 30-1 or 30-2 with a minimum of 55% or Canadian jurisdiction equivalent; or
- Deemed equivalent by completion of ACCUPLACER (assessment placement test)

Note: Applicants who have not completed the ELA, 20-2 level requirement and achieved the minimum grade are subject to completing the ACCUPLACER assessment test. This can include students out of province, out of country or mature students that have been out of school for a significant length of time.

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

Note: Test Currency - results must have been obtained within two years of the start date of the program.

Note: Test Validity: IELTS (Academic) and TOEFL results are valid for two years from the day of testing. Results that expire prior to the Start Date of the program will not be accepted.

Important Note for International Learners:
You must be physically present in Canada in order to study in the Health Care Aide Program. This program is delivered through a blended delivery method with some online learning and mandatory in-person components.

If you are seeking to apply for a Post Graduate Work Permit upon completion of this program, please note that since less than 50% of the program is completed by distance learning a post-graduation work permit may be issued. However, Immigration, Refugees and Citizenship Canada (IRCC) will assess each individual's Post-Graduate Work Permit application individually and holds full decision-making authority.

Admission Procedures

Current offerings: Registration for the Health Care Aide program does not follow the admission deadlines outlined in the Red Deer Polytechnic Academic Calendar. Applications for Fall, Winter, and Spring intakes are now being accepted.

Recognition of Prior Learning/Experience

Please review PLAR guidelines.

Other Requirements
Continuation Requirements

In order to continue in the program students must successfully complete all HCA courses prior to attending Clinical Placements. Students who are unsuccessful in HCA courses will be provided with one additional attempt to pass the course(s). If a student is unable to pass the second attempt they will no longer be able to continue in the program.

English Language Proficiency (ELP)

Applicants where English is a Second Language (ESL) must meet the English Language Proficiency requirement in addition to the Academic English requirement.

Equivalencies are as follows:
Required Canadian Language Benchmark (CLB) of a minimum of 7 in each of the 4 language skills (speaking, listening, reading and writing) and not an average of 7;
or
Completing high school in Canada. Studies must have been in English at an approved Canadian high school (grades 9, 10, 11, 12) with at least three consecutive years of full-time academic study;
or
Completing a recognized post-secondary degree or diploma program in Canada. The program must have involved at least two full years of full-time, consecutive academic study in English.

Note: Test Currency: results must have been obtained within two years of the start date of the program.

Test Validity: IELTS (Academic) and TOEFL results are valid for two years from the day of testing.

Results that expire prior to the start date of the program will not be accepted.

Digital literacy

Candidates must possess knowledge of computer/technology tools to be successful in the program. Candidates must:
- Be able to communicate, research and understand information
- Know how to use computer to surf web, email

- Be able to critically evaluate and understand how technology can affect one's behavior
- Be able to create, produce content and effectively communicate using email, media, internet

Health and Safety Requirements
Health Care Aide learners and workers are responsible for completing the required health and safety certifications and recommended immunizations. These Health and Safety requirements do not need to be submitted as part of your application. You are encouraged to become familiar with these requirements. For more information, including the required forms and instructions, please click on the following link Health and Safety Requirements

Graduation Requirements
The following requirements must be met in order for students to receive the Red Deer Polytechnic Health Care Aide Certificate:
- A minimum overall grade of 70% in courses HCA 1001, HCA 1002, HCA1003, HCA1004, HCA 1006 and HCA1007.
- A grade of Credit/No Credit in all clinical placement courses, including courses HCA1005, HCA 1008 and HCA 1009.
- A minimum cumulative GPA of 2.0.
- Achieve 100% attendance during lab and practicum.
- Completion/submission of all assignments, projects and exams is required. Late or incomplete submissions will result in a grade of 0% for that particular requirement. Incomplete projects, simulations, quizzes and exams may prevent you from receiving your certification.

HCA students must achieve these minimum final grades and pass the provincial HCA Examination to graduate from the HCA Program and receive the Government of Alberta Health Care Aide Provincial Curriculum Certificate.

Note: there is a $200.00 exam fee that is not included in the program costs or with student loans.

Related Careers
Health Care Aides work under the direct or indirect supervision of a regulated health professional, such as a nurse, in a variety of settings including: Home care, assisted living facilities, and long-term care.

Heavy Equipment Technician Apprenticeship

Credential
Alberta Journeyman Certificate

Duration
4 years; 8 weeks at RDP + minimum 1,500 hours on-the-job training each year

Location
Main Campus

Fees
For fee information, visit [Alberta Apprenticeship and Industry Training](#).

Training
Red Deer College offers the Heavy Equipment Technician program, one of the many apprenticeship training options available for students. Apprenticeship is a career option that involves both classroom and on-the-job training. To learn the skills required of a Heavy Equipment Technician in Alberta and to be issued an Alberta Journeyman Certificate, a person must find a suitable employer who is willing to hire and train an apprentice. For more information, please visit the [Alberta Apprenticeship and Industry Training](#)website.

Continue Your Learning
If you have a valid Alberta Journeyman Certificate, you are eligible to receive a Blue Seal business credential after completing the necessary requirements.

Employment Opportunities
To work as a Heavy Equipment Technician in Alberta, a person must be a Registered Apprentice or a Certified Journeyman. The working environment for Heavy Equipment Technicians varies considerably from one job to another. Some Technicians are employed by specialized repair shops and organizations that own or lease heavy equipment used in the construction, mining, forestry, material handling, landscaping, land clearing, agriculture and transportation industries. Other technicians work in modern laboratories overhauling pumps and fuel delivery systems. Experienced Journeymen may advance to Supervisor or Service Manager positions.

Related Careers

- Heavy Equipment Technician
- Journeyperson

- Red Seal endorsement available
- Service manager
- Business owner
- Contractor
- Shop foreman
- Heavy Duty Mechanic
- Mechanic
- Service Technician

Human Resources Management Post-Baccalaureate Certificate

Suspended July 1, 2025 to June 30, 2028

Credential
Graduate Certificate

Duration
2 years

Location
Main Campus

The Program
Upon successful completion of this graduate certificate program, offered over 2 years, graduates will have the knowledge and practical skills to work as Human Resources 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 (NKE) 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 Chartered Professionals in Human Resources of Alberta.

**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 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 including equity, diversity and inclusion.

- 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.

- Contribute to the advancement of reconciliation and apply principles of Indigenous knowledge, including identifying and describing Indigenous cultural protocols, worldviews, and learning approaches in both a business and societal context.

Program Content
- HRM 1281 Human Resource Management
- HRM 2530 Organizational Culture

- ACCT 1001 Introductory Financial Accounting I
- HRM 2510 Workforce Planning
- HRM 4520 Learning and Development
- HRM 3535 Labour Relations
- HRM 3540 Occupational Health and Safety in the Workplace
- HRM 4515 Recruitment and Selection
- HRM 3525 Total Rewards
- HRM 3550 Employee Engagement
- HRM 5560 Directed Experiential Learning

Admission Requirements
An undergraduate degree in any discipline from an accredited institution.

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

Graduation Requirements
Successful completion of all courses, with a minimum GPA of 2.0.

Related Careers
Completion of the Human Resources Management Post-Baccalaureate Certificate provides potential employment opportunities as human resources advisors, human resources coordinators, human resources supervisors, personnel and recruitment officers, benefits officers, labour dispute negotiators, negotiators, occupational health and safety advisors, trainers, wage and salary administrators or human resources consultants.

To learn about the employment outlook, average salary, and additional information about the occupations listed here, refer to the Government of Alberta ALIS website.

Industrial Mechanic (Millwright) Apprenticeship

Credential
Alberta Journeyperson Certificate

Duration
4 years (eight weeks each year at RDP) including a minimum 1560 hours on the job training in each year of the 4 years.

Location
Main Campus

Fees
For fee information, visit Red Deer Polytechnic Industrial Mechanic (Millwright) Apprenticeship Program Costs page.

The Program
The classroom instruction component of the IMM Apprenticeship training program at RDP involves traditional classroom theory delivery (may include blended learning), a variety of digital learning tools, various quizzes, examinations, and applied practical hands-on shop training.

Industrial mechanics (millwrights) install, maintain, repair and troubleshoot stationary industrial machinery and mechanical equipment in sites such as factories, production plants and recreational facilities. On a typical job industrial mechanics (millwrights):

- read diagrams and schematic drawings and service manuals to determine work procedures,
- operate rigging equipment and dollies to place heavy machinery and parts, fit bearings, align gears and shafts, attach motors, and connect couplings and belts to precise tolerances,
- align and test equipment, and make any necessary adjustments,
- perform predictive and operational procedures,
- repair or replace defective parts,
- service and repair hydraulic and pneumatic systems, and
- may do some tack welding (a weld that is adequate in size to temporarily hold components in place until it can be completely welded by a registered apprentice welder or a journeyman welder) and fabrication as well as maintain an inventory of replacement parts.

Apprentices are expected to demonstrate progress in their apprenticeship program within 18 months by engaging in an activity that will lead to the completion of a period of the program.

Admission Requirements
Minimum:
- English 20-2 Math 20-3 Science 10
  or
- Canadian Adult Education Credential (CAEC) tests
- A pass mark in all five Canadian General Educational Development (GED)
  or
- Entrance Exam

Recommended:
- English 30-2
- Math 30-3
- Physics 30 OR Chemistry 30 OR Science 30
- Related Career and Technology Studies (CTS) courses

Other Requirements
To learn the skills required of an Industrial Mechanic (Millwright) in Alberta and to be issued an Alberta Journeyperson Certificate, a person must find a suitable industry employer who is willing to hire, sponsor, and train an apprentice. For more information, please visit Alberta Apprenticeship and Industry Training - Industrial Mechanic (Millwright).

Graduation Requirements
Journeyperson Certificate is based on accumulated work experience and successful technical training outcomes.

Continue Your Learning
Upon successful completion of the apprenticeship program, the apprentice will receive a journeyperson certificate and an AIT Advanced Diploma educational credential.

Apprentices may attempt the Interprovincial Exam in the final period of their apprenticeship training and, if successful, be granted a Red Seal.

Related Careers

To work as an Industrial Millwright (Mechanic) in Alberta, a person must be a Registered Apprentice or a Certified Journeyman.

Instrumentation and Automation Engineering Technology Diploma

Credential
Diploma

Duration
2 years

Location
Main Campus

The Program
Instrumentation and Automation Engineering Technology equips students with the knowledge and skills of measurement techniques, control strategies, robotics, automatic control of industrial machines and equipment needed to respond to dynamic challenges in this field. Students suited to this program are interested in maintaining and designing systems used to measure and control systems within a variety of industries such as food and beverage, oil and gas, water treatment, power generation, agriculture, and more. Emphasis is on critical thinking and innovative design as well as diagnosis and troubleshooting technical problems. Through applied learning and a capstone project, students will develop proficiency in design, problem solving, and collaboration in diverse settings.

Program Outcomes:

1. Plan, configure, deploy, analyze, and troubleshoot industrial automation and process control systems.
2. Plan, select, commission, and maintain electrical machines and drive.
3. Plan, integrate, analyze, and troubleshoot industrial instrumentation systems, electro-mechanical machines, and devices.
4. Plan, deploy, analyze, and troubleshoot robotic systems and control.
5. Solve engineering technology and applied science problems using mathematical theory and applied principles.
6. Plan, design, create, deploy, and troubleshoot computer programming solutions for micro, centralized, and distributed industrial automation and control applications.
7. Analyze, access, and document data preparing graphics, charts, drawings, and reports for engineering technology/applied science projects.
8. Research, design, test, analyze, conclude and defend a technology report. (Capstone Project relating to significant technology related issue.)
9. Describe, validate, analyze and calibrate various analytical instruments and industrial analyzers.
10. Demonstrate inclusive attitudes and practices valuing individualism, diversity, culture, and Indigenous knowledge and awareness.

11. Practice clear and effective written, oral, visual, and electronic communication.
12. Locate and select evidence based information suitable for context and need.
13. Demonstrate ethical independent and collaborative leadership, working safely and effectively in coordination with others.

Term 1

- IAET 1001 - Technology Physics
- GET 1131 - Technology Mathematics
- GET 1114 - Computer Programming
- IAET 1003 - Electrical Principles I
- GET 1106 - Engineering CAD

Term 2

- GET 1116 – Professional Communications
- IAET 1005 - Electrical Principles II
- IAET 1006 - Microcontrollers
- IAET 1007 - Process Measurements
- IAET 1008 - Programmable Logic Controllers
- IAET 1009 - Electrical Machines and Drive

Term 3

- GET 2208 - Project Management
- IAET 2001 - Process Control I
- IAET 2002 - Robotics
- IAET 2003 - DCS, SCADA & HMI
- IAET 2004 - Network Systems
- IAET 2005 - Hydraulics and Pneumatics

Term 4

- IAET 2006 - IT Networks
- IAET 2007 - Instrumentation Systems
- IAET 2008 - Analyzers
- IAET 2009 - Process Control II
- IAET 2010 - Capstone Project

Admission Requirements

A) Highschool transcripts with completed or anticipated final grades* for in progress courses with:

- ELA 30-1 65% or higher, or ELA 30-2 65% or higher, or equivalent, and
- MATH 30-1 60% or higher or MATH 30-2 75% or higher, or equivalent, and

- PHYS 20 and CHEM 20 60% or higher, or equivalent, or SCIE 30 60% or higher, or equivalent

(*note: if anticipated final grades are not met before the transcript deadline, your conditional offer may be withdrawn.)

OR

B) Post-secondary transcripts demonstrating completion of at least one semester (or five courses) of an engineering technology or technologist diploma within five years prior to application.

OR

C) Post-secondary transcripts demonstrating completion of at least one semester (or five courses) of an engineering degree program within five years prior to application.

AND all applicants whose first language is not English must demonstrate English Language Proficiency.

Other Requirements
Note: Applicants are required to have a laptop computer. Please check specifications with the program prior to making a purchase.

Graduation Requirements
Students must achieve a minimum passing grade of 'D' in all courses applied to credential completion and a cumulative GPA of 2.0.

Related Careers
Graduates are prepared for careers relating to the application and support of computer and electronic based automated systems across a wide variety of sectors including food and beverage, oil and gas, water treatment, power generation, agriculture, and petrochemical.

Instrumentation and Control Technician Apprenticeship

Credential
Alberta Journeyperson Certificate

Duration
4 years (eight weeks each year at RDP including a minimum of 1560 hours on the job training for years 1 and 2), and (ten weeks each year at RDP including a minimum of 1500 hours on the job training for years 3 and 4).

Location
Main Campus

Fees
For fee information, visit [Red Deer Polytechnic Instrumentation and Control Technician Program Costs page](#).

The Program
The classroom instruction component of the instrumentation and control technician Apprenticeship training program at RDP involves traditional classroom theory delivery (may include blended learning), a variety of digital learning tools, various quizzes, examinations, and applied practical hands-on shop training.

In this program, you will learn to install, maintain, and repair measuring and control devices used in industrial and commercial processing. You will spend a lot of your technical training in shops to support and apply the theory you learn in class.

Instrumentation and control technicians install, maintain, and repair the measuring and control devices used in industrial and commercial processing. Instrumentation and control technicians work with a wide variety of pneumatic, electronic and microcomputer devices used to measure and control pressure, flow, temperature, level, motion, force, and chemical composition. In general, they:
- consult manufacturers' manuals to determine test and maintenance procedures,
- use pneumatic, electrical, and electronic testing devices to inspect and test instrument and system operation, and diagnose faults,
- practice loss management principles,
- consult with and advise process operators,
- train apprentices,
- repair, maintain and adjust system components or remove and replace defective parts,
- conduct risk assessments,

- calibrate and maintain components and instruments according to manufacturers' specifications,
- work with engineers on basic designs,
- install and maintain instruments on new or existing plant equipment and processes, and
- interpret and use appropriate CSA, ISA and API installation standards and practices.

Apprentices are expected to demonstrate progress in their apprenticeship program within 18 months by engaging in an activity that will lead to the completion of a period of the program.

Admission Requirements
Minimum:
- English 20-2 Math 30-3, Physics 30 and Chemistry 30
  or
- Entrance Exam

Other Requirements
To learn the skills required of an Instrumentation and Control Technician in Alberta and to be issued an Alberta Journeyperson Certificate, a person must find a suitable industry employer who is willing to hire, sponsor, and train an apprentice. For more information, please visit [Alberta Apprenticeship and Industry Training - Instrumentation and Control Technician](#).

Graduation Requirements
Journeyperson Certificate is based on accumulated work experience and successful technical training outcomes.

Continue Your Learning
Upon successful completion of the apprenticeship program, the apprentice will receive a journeyperson certificate and an AIT Advanced Diploma educational credential.

Apprentices may attempt the Interprovincial Exam in the final period of their apprenticeship training and, if successful, be granted a Red Seal.

If you have a valid Alberta Journeyperson Certificate, you are eligible to receive a Blue Seal business credential after completing the necessary requirements.

Related Careers
To work as an Instrumentation and Control Technician in Alberta, a person must be a Registered Apprentice or a Certified Journeyperson.

Justice Studies Diploma

Credential
Diploma

Duration
2 years

Location
Main Campus

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 about 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 liaise 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

Program Content
Justice Studies Courses by Term

Please note: Justice Studies courses are only offered in the term listed. Justice Studies courses are normally offered on campus in a face-to-face delivery format.

Term 1 (Fall Year 1 Justice Courses)

- JUST 1100 The Canadian Justice System
- JUST 1105 Professional Seminar I

Term 2 (Winter Year 1 Justice Courses)

- JUST 1110 Canadian Criminal Law
- JUST 1115 Corrections
- JUST 1106 Professional Seminar II

Term 3 (Fall Year 2 Justice Courses)

- JUST 2200 The Justice System and Indigenous Canadians
- JUST 2210 Conflict Resolution
- JUST 2215 Community Justice Initiatives
- JUST 2205 Professional Seminar III

Term 4 (Winter Year 2 Justice Courses)

- JUST 2220 Gender and the Justice System

- JUST 2206 Professional Seminar IV
- JUST 2225 Practicum OR Capstone
  - JUST 2225 Practicum (3 credits)
  - JUST 2226 Capstone (3 credits)

Required Non-Justice and Elective Courses
Please note: these courses may be offered in numerous terms and may be offered online or on campus. Not all courses are offered every year. Please plan your program accordingly.

- ENGL 1219 Essay Composition and Critical Reading (Recommend Term 1)
- SOCI 1260 Introductory Sociology (Required Year 1, recommended Term 1)
- PSYC 1001 Principles of Psychology I
- SOCI 2325 Criminology
- SOCI 2327 Criminal Justice and Crime Control
- *SOCI Requirement - see list below*
- *Fitness Requirement - see list below*
- *Indigenous Knowledge Requirement - see list below*
- *Philosophy Requirement - see list below*
- *3 Open Electives - Student Choice of University Transfer Courses*
  - *Note: students who have an interest in 2nd year Psychology courses should take PSYC 1002 as an elective.*

Fitness/Wellness Requirement List
All aspects of fitness and wellness are relevant to careers in Justice-related areas. The Fitness and Wellness Requirement is designed to ensure that you have a foundation in health and wellness to prepare you for the world ahead. Depending on your career goals, you may wish to seek further advice on physical fitness specific to career entry testing requirements (e.g., the PARE/COPAT test). It is recommended that you take your Fitness/Wellness Requirement in Year 1 to support wellness habits through your program and career. Your Justice Studies Seminars will discuss fitness and wellness issues relevant to careers in Justice Studies.

- KNSS 1210 Personal Fitness and Wellness
- KNSS 1214 Introduction to Personal Physical Activity
- KNSS 1244 Introduction to Nutrition
- INTD 2325 Mindfulness, Meditation & The Body
- KDNC 1200 Spectrum of Dance in Society
- KPAC 1255 Yoga for Beginners
- KPAC 1296 Flexibility & Relaxation

Sociology Requirement List

- Choose 1 from the following list.
- The Sociology Requirement is designed to expand your foundation in sociological theory as a foundation for justice studies and criminology.

- o SOCI 2301 Sociology of Gender
- o SOCI 2310 Social Statistics I
- o SOCI 2312 Social Research Methodology
- o SOCI 2323 Sociology of Poverty
- o SOCI 2332 Classical Sociology Theory
- o SOCI 2365 Social Stratification
- o SOCI 2371 Sociology of Families

Philosophy Requirement List

- Choose 1 from the following List
- The Philosophy requirement is designed to broaden your perspectives on moral philosophy and ethics. This requirement can be taken in Term 1 or Term 2.
  - o PHIL 1201 Values and Society
  - o PHIL 2300 Professional Ethics
  - o PHIL 2319 Philosophy of Law
  - o PHIL 2355 Philosophy of the Environment
  - o PHIL 2386 Bioethics
  - o PHIL 2399 Technology and Computing

Indigenous Knowledge and Perspectives

- Indigenous Knowledge and Perspectives Requirement (Recommended in Year 1)
- Choose at least 1 course from the following list.
- The Indigenous Knowledge and Perspectives Requirement is designed to provide a foundational knowledge of Indigenous Peoples in Canada including their histories, cultures, diverse perspectives, and current contexts.
  - o INDS 1205 Indigenous Peoples in Canada
  - o ANTH 2327 Cultures in a Global Context
  - o ANTH 2356 Survey: Indigenous Canada
  - o ENGL 2385 Indigenous Literature
  - o HIST 2372 The Prairie West in Canada
  - o HIST 1373 Canada to 1867
  - o HIST 1374 Canada Since 1867
  - o HIST 2379 Indigenous Peoples and Canada
  - o SOCI 2307 Indigenous Peoples in Canada
  - o SOCI 2368 Race and Ethnicity in Canada
  - o POLI 1223 Canadian Political Issues

Practicum Registration Eligibility

Registration in JUST 225 Practicum will be based on GPA and limited depending on the number of Practicum seats available each year. GPA is calculated based

on the last 30 credits applicable to the Justice Studies Diploma not including the JUST Seminars.

Students must have passed JUST 1105, 1106, and 2205 in order to register in JUST 2225. JUST 2206 is a co-requisite for JUST 2225 and the two courses must be taken at the same time.

Practicum must be completed in the final term of the student's program.

Additional Practicum requirements and practicum pre-requisites (e.g., vaccinations and criminal record checks required by the agency) are discussed in 1st Year Seminars.

Admission 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.

Note: Indigenous applicants to the Justice Studies program, go to Program Admission Features above for more information.

Non-academic requirements:
Completion of a pre-admission introduction module to Justice Studies by March 31st for students applying before March 1st. Students who apply after March 1st will have 30 days in which to complete the module.

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

Note: Field trip or practicum access may be restricted to students 18 years of age or older based on the agency or institution's minimum age requirement.

Note: Field trip and practicum agencies may also have access restrictions related to criminal records and vaccination status. Students who have criminal records or charges pending may be denied access to off-site learning activities. Students who do not meet the eligibility/access requirements may not be able to access an alternate learning activity. Students will be informed of any access restrictions at least one week prior to Field Trips.   Requirements for practicum placement will be communicated in Year 1 of the Program.

Note: Volunteer opportunities, practicum placements, field trip attendance, and future employment within Justice-related fields will be negatively impacted for individuals who have criminal convictions or charges pending or awaiting

disposition from the courts. The Government of Canada provides information on pardons and record suspensions.

Other Requirements

Practicum Experience requirements:
Applicants must provide, at their own expense, a Police Information Check or 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.

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 Indigenous 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.

Related Careers

- Policing (e.g. RCMP, Municipal Police Officer)
- 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

Additional education may be required for some careers within the justice system.

Career and Life Skills:

- Empathy
- Cultural Understanding
- Understanding of the Canadian Justice System
- Working with marginalized populations
- Conflict resolution
- Leadership
- Interpersonal and Teamwork Skills
- Problem Solving
- Critical Reasoning
- Creativity
- Privacy and Records Management

Kinesiology & Sport Studies Diploma

Credential
Diploma

Duration
2 years

Location
Main Campus

The Program
Kinesiology is the study of the science of movement. The RDP Kinesiology and Sport Studies program offers a 2-year diploma specialization in Fitness and Health Promotion.

The Diploma Program is designed for students who wish to complete a diploma with a focus on Fitness and Health Promotion in order to 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.

If your plans are to transfer to the University of Alberta, Bachelor of Kinesiology program, it is advised to complete the Kinesiology and Sport Studies University Transfer Program as this path is most appropriate for transfer to the University of Alberta.

Students who complete the Kinesiology and Sport Studies Fitness and Health Promotion diploma program are eligible to transfer to the University of Alberta for a Bachelor of Kinesiology; however, additional course work may be required as not all courses within this program will provide transfer credit to the University of Alberta towards a Bachelor of Kinesiology.

Transfer to other programs and universities is possible, see an academic advisor. Please speak to an advisor for more information about university transfer from this particular diploma program.

Note: The Faculty of Kinesiology, Sport, and Recreation at the University of Alberta dedicates entrance into the Bachelor of Kinesiology program for 30 students transferring from the RDP Bachelor of Kinesiology Transfer program who have between 45 and 60 transferable credits and a minimum GPA of 3.0 based on the most recent minimum 24 transferable credits. Possession of the minimum average does not guarantee admission to the program and admission may be competitive based on applications.

Program Content
Year 1:

- ENGL 1219 Essay Composition and Critical Reading
- KNSS 1102 Foundations of Human Movement
- KDNC 1200 The Spectrum of Dance in Society
- KNSS 1200 Structural Anatomy
- KNSS 1204 Intro to Sociocultural Foundations of PE Leisure and Sport
- KNSS 1209 Measurement and Evaluation
- KNSS 1214 Introduction to Personal Physical Fitness
- KNSS 1250 Introduction to the Administration of Sport, Physical Activity, and Recreation Programs
- KNSS 1321 Applied Resistance Training
- Option (3 credit)

Year 2:

- KNSS 2201 Biomechanics
- KNSS 2202 Physiology of Exercise
- KNSS 2220 Introduction to Athletic Therapy
- KNSS 2240 Adapted Physical Education
- KNSS 1244 Introduction to Nutrition
- KNSS 2299 Directed Studies in Kinesiology and Sport Studies
- KNSS 1290 Metabolic Conditioning
- PSIO 2258 Elementary Physiology I
- PSIO 2259 Elementary Physiology II
- Option (3 credit)

Recommended Options are: KNSS 2203, KNSS 2205, KNSS 2312, KNSS 1253, KNSS 1260, KNSS 2307, BIOL 1217, KPED 1294, PSYC 1001, and/or INTD 2325.

If you are planning to transfer to another institution, please consult with a Red Deer Polytechnic student advisor when selecting the Option Courses in the program to ensure transferability and program suitability.

Students wishing to complete the Fitness & Health Promotion Diploma, and transfer to university, need to select the appropriate options and physical activity courses to maximize transfer credits (see an academic advisor).

The Fitness and Health Promotion Diploma Program requires the completion of the following certifications:

- requires the completion of Emergency First Aid and CPR Level C. Please note that students are responsible for any fees involved in obtaining this certification as it has not been included in tuition and fees.

- CSEP-CPT (Certified Personal Trainer) - Students are eligible to write the CSEP-CPT national certification examination upon completion of their Fitness & Health Promotion Diploma coursework. This is not required for successful program completion. Please note that students are responsible for any fees involved in obtaining this certification as this has not been included in tuition and fees.

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

1. English Language Arts 30-1 (or ENGL 095 or equivalent)
2. Biology 30 (or BIOL 095 or equivalent)
3. Subject from Group A or C (or equivalent)
4. Subject from Group A or C (or equivalent)
5. Subject from Group B, C, or Physical Education 30 (5 credit), or Recreation Leadership (REC) Advanced Level-Career and Technology (or equivalent)

*Mathematics 30-2 is acceptable for admission as a Group C subject, however only one of Mathematics 30-1 and Mathematics 30-2 may be used for admission purposes.

*Only one Language other than English is accepted for admission.

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

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 - Math 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 ELA 30-1, Chemistry 30, Mathematics 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.

Other Requirements
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.

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.

Related Careers

- Kinesiologist
- Coach
- Sports Program Supervisor
- Fitness Programmer
- Personal Trainer
- Recreation Therapist
- Occupational and Physiotherapist
- Civic and recreation departments
- Healthcare Agencies

Legal Assistant Diploma

Credential
Diploma

Duration
2 years

Location
Main Campus

The Program
This two-year program prepares students to work within the legal profession as a highly skilled legal assistant 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 learning 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 enduring 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 law 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.

Program Content
Year 1

COMM 1150 Fundamentals of College and Workplace Writing
COMM 1250 Business and Workplace Writing
LEGL 1100 Keyboarding I
LEGL 1105 Canadian Legal System
LEGL 1110 Litigation I
LEGL 1115 Litigation II
LEGL 1120 Corporate Law
LEGL 1125 Contracts
LEGL 1130 Real Estate I
LEGL 1135 Keyboarding II
LEGL 1140 Information Processing I
LEGL 1145 Criminal Law

Year 2

LEGL 2200 Professional and Interpersonal Skills
LEGL 2205 Estate Planning
LEGL 2210 Litigation III
LEGL 2215 Litigation IV
LEGL 2220 Information Processing II
LEGL 2225 Estate Administration
LEGL 2230 Real Estate II
LEGL 2233 Commercial Law
LEGL 2235 Real Estate III
LEGL 2240 Family Law
LEGL 2245 Technology Integration
LEGL 2250 Practicum

LEGL 2250 Practicum is usually completed during May and June following the second year.

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

OR

A minimum score of 250 on the Reading component, 250 on the Writing component and 5 on the WritePlacer Test.

Note: Applicants are advised that both COMM 1150 and COMM 1250 are program requirements, and both must be completed to meet the Graduation Requirements.

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

Other 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.

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

Related Careers

- Law Firms, Courthouses, Justice Departments, Crown Prosecutors Office
- Corporate Legal Departments
- Real Estate and Insurance Companies
- Land Titles
- Collection Agencies
- Municipal Government

Licensed Practical Nurse (LPN) to Bachelor of Science in Nursing (BScN) Transition Program

Credential
Non-Credential

Duration
1 Year or less

Spring Term Admission Only

The Program
The Licensed Practical Nurse (LPN) to Bachelor of Science in Nursing (BScN) Transition Program is an accelerated pathway designed for a current Licensed Practical Nurse wishing to become a Registered Nurse. Completion of the program will prepare the LPN to meet the admission requirements to enter Year 3 of the 4 year BScN program after which the student will eligible to write the National Council Licensure Examination (NCLEX) required to practice as a Registered Nurse in Alberta.

Program Content
INDS 1205 Indigenous Peoples in Canada (3 credit) - Term 1

NURS 2304 Statistics and Knowledge Management (3 credit) - Term 2

NURS 2301 Evidence Informed Nursing Practice (3 credit) - Term 3

NURS 2305 Nursing Transition (3 credit) - Term 3

Program Outcomes

- Recognize the Registered Nurse's role in the continued practice of safe, ethical, competent and compassionate care.
- Analyze health research and information and its use in evidence-based practice.
- Apply skills and knowledge within the Registered Nurse scope of practice.
- Describe Indigenous perspectives and the historical and present-day impacts colonialism has on the health of Indigenous people.
- Employ effective professional communication skills appropriate for situation and context.
- Recognize personal and professional development needs and engage in continuous learning to enhance competence.

- Demonstrate problem-solving skills within the role of a Registered Nurse.

University Transfer Program

Transfer into the Year 3 of the University Transfer (UT): Bachelor of Science in Nursing Program which is a collaborative program with the University of Alberta delivered at Red Deer Polytechnic.

Admission Requirements

Successful completion of an approved Practical Nurse diploma program in Alberta. Graduates from an approved Practical Nurse certificate program in Alberta are eligible to apply for prior learning.

Applicants will be offered admission on a competitive basis, based on GPA Ranking and Casper score.

Acquired an active practice license in Alberta with 4,000 hours of practice within the last 4 years as confirmed by employer letter.

Additional Requirements

Successful completion of the Casper test (situational judgment test)

Technology Requirements

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

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 access Office 365 which is provided as part of the RDC student account.

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

Graduation Requirements
Successful completion of all courses within the LPN to BScN Transition Program and have above a 2.0 GPA.

Related Careers
LPN, RN

Locksmith Apprenticeship

Credential
Alberta Journeyperson Certificate

Duration
3 years (three 12-month periods) including a minimum of 1,560 hours of on the job training with a registered industry sponsor and 40 weeks of technical training (distance learning and practical shop) each year.

Location
Main Campus

Fees
For fee information, visit [Red Deer Polytechnic Locksmith Program Costs page](#).

The Program
The classroom instruction component of the Locksmith Apprenticeship training program at RDP involves traditional classroom theory delivery, blended learning, as well as a variety of digital learning tools, various quizzes, examinations. There is also applied practical hands-on shop training.

As a Locksmith, you will install, adjust, and repair locks, make keys and change lock combinations. Locksmiths are employed by locksmith companies, security firms and institutions.

Locksmiths install, adjust and repair locks, make keys, and change lock combinations. They work on residential, automotive, commercial, and institutional locksets and door hardware. Locksmiths may also install and maintain more sophisticated security systems. Generally, the duties of a locksmith include:
- selling and installing high-security lock systems and key control systems, window bars, deadlocks, and keyless entry locks,
- repairing, replacing, or adjusting damaged or defective components of an entrance or exit door, including door closers, hinges, electric release mechanisms and sometimes the door itself,
- changing lock key combinations by inserting new pins into locks, and
- designing complex master key systems for industry, governments, and institutions.

Apprentices are expected to demonstrate progress in their apprenticeship program within 18 months by engaging in an activity that will lead to the completion of a period of the program.

Admission Requirements

Minimum:
- English 10-2 Math 10-3

OR

A pass mark in all five Canadian General Educational Development (GED)

OR

Canadian Adult Education Credential (CAEC) tests

OR

Entrance Exam

Recommended:
- English 30-2
- Math 30-3
- Physics 30 OR Chemistry 30 OR Science 30
- Related Career and Technology Studies (CTS) courses

Other Requirements

To learn the skills required of a Locksmith in Alberta and to be issued an Alberta Journeyman Certificate, a person must find a suitable industry employer who is willing to hire, sponsor, and train an apprentice. For more information, please visit the Alberta Apprenticeship and Industry Training - Locksmith webpage.

Graduation Requirements

Journeyperson Certificate is based on accumulated work experience and successful technical training outcomes.

Upon successful completion of the apprenticeship program, the apprentice will receive a journeyperson certificate and an educational credential (Diploma).

Continue Your Learning

Upon successful completion of the apprenticeship program, apprentice will receive a journeyperson certificate and an AIT Advanced Diploma educational credential.

Related Careers

To work as a Locksmith in Alberta, a person must be a Registered Apprentice or a Certified Journeyman.

Machine Learning Analyst Diploma

Credential
Diploma

Duration
2 years

Location
Main Campus
Online

The Program
The Machine Learning Analyst Diploma program provides a flexible, industry-aligned education to help you enter the artificial intelligence (AI) and machine learning (ML) workforce. This program will prepare you for entry-level jobs creating business solutions for companies of all sizes. The program focuses on developing fundamental skills in AI and ML, such as data analytics and computer programming, and will help provide you with fundamental business acumen so you can work in multi-disciplinary teams to develop competitive business solutions that are based on modern strategies.

Program Outcomes:

1. Identify which AI or machine learning technology to use to solve your organization's business problem.
2. Implement the appropriate machine learning algorithm for a given business scenario.
3. Evaluate an AI product development plan.
4. Use the AI design process model to scope and evaluate an AI product.
5. Transfer the mathematical concepts necessary to create models and solutions that apply to the IT field.
6. Prepare and explore data, define the problem, and choose the appropriate algorithm.
7. Integrate different interdisciplinary elements to generate results supporting decisions that deliver value to the business.
8. Use various tools to build data visualizations.
9. Use statistical knowledge to test the accuracy of data models.

Program Content

Semester 1
MACH 1191   Statistics I
MACH 1192   Scientific and Technical Writing

MACH 1193   Introduction to Computing
MACH 1196   Introduction to Machine Learning and Data Science
MACH 1295   Canadian Business Fundamentals

Semester 2
MACH 1291   Linear Algebra I
MACH 1292   Calculus I
MACH 1293   Algorithms
MACH 1294   Introduction to Artificial Intelligence
MACH 2194   Technology Ethics and Society

Semester 3
MACH 2191   Machine Learning Work Integrated Project I
MACH 2192   Machine Learning I
MACH 2193   Exploratory Data Analytics
MACH 2195   Database Systems
MACH 2294   Public Speaking for Business

Semester 4
MACH 2291   Machine Learning Work Integrated Project II
MACH 2292   Machine Learning II
MACH 2293   Technology Business Strategy and Execution
MACH 2295   Business Values and Ethics
MACH 2296   Machine Deployment and Software Development

Admission Requirements
Students applying to the Machine Learning Analyst Diploma must have a minimum of 60% in ELA 30-1 or 70% in ELA 30-2 and 50% in 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.

Other Requirements
This is a bring your own device program. Students will be required to obtain a laptop for completing course requirements.

Graduation Requirements
Students must receive a passing grade in each course to progress through the program. Students must pass all courses and achieve a minimum 2.0 grade point average (GPA) to qualify for graduation.

Related Careers
Students must receive a passing grade in each course to progress through the program. Students must pass all courses and achieve a minimum 2.0 grade point average (GPA) to qualify for graduation.

Materials Technician Apprenticeship

Duration
3 years; 6 weeks at RDP + minimum 1,500 hours on-the-job training

Fees
For fee information, visit [Alberta Apprenticeship and Industry Training](#).

Related Careers

- Materials Technician
- Journeyperson
- Warehouse Worker

Mechanical Engineering Technology Diploma

Credential
Diploma

Duration
2 years at RDP

Location
Main Campus

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.

Graduate Profile

Graduates of the Mechanical Engineering Technology Diploma at Red Deer Polytechnic are prepared to contribute and compete in a dynamic and changing environment and exhibit the essential qualities and attributes necessary to maintain the highest standards of the profession.

Graduates of the RDP Mechanical Engineering Diploma:

- Construct mechanical engineering drawings and drawing packages (related technical documents) for parts and assemblies.
- Employ strategies and develop documents to start, plan, execute, control and close projects in related knowledge areas: time, cost, quality, human resource, communications, stakeholders, risk, and procurement.
- Design and analyze robot arm and manipulators, select actuators, construct coordinate system for links and program robots to perform tasks.
- Construct automated systems using appropriate sensors, actuators, controllers, and software given a particular application.
- Design, simulate and implant hydraulic and pneumatic fluid power systems, and fluids circuits.

- Employ legal and professional accountabilities in the workplace such as contracts, privacy and confidentiality regulations, and any other regulatory frameworks.
- Construct parts using CNC machine based on a drawing and inspect to determine if required tolerances were met.
- Design of machine components such as gears, bearings, bolts and screws for strength requirements in consideration of various manufacturing methods.
- Design building systems such as heating, ventilation and air conditioning (HVAC), fire protection, and piping/plumbing.
- Respect individualism, diversity, and culture.
- Locate evidence-based information appropriate to their context and needs.

Year 1

- GET 1116 - Professional Communication
- MET 1103 - Technology Physics
- GET 1106 - Engineering CAD
- GET 1131 - Technology Mathematics
- MET 1125 - Material Science
- MET 1120 - Statics
- MET 1130 - Fluid Mechanics
- MET 1020 - Fabrication and Manufacturing
- MET 1130 - Fluid Mechanics
- MET 1155 - Thermodynamics and Heat Transfer
- MET 1140 - 3D CAD

Year 2

- GET 2208 - Project Management
- MET 2205 - Dynamics
- MET 2220 - Strength of Materials
- MET 2231 - Robotics and Automation
- MET 2265 - Hydraulics and Pneumatics
- GET 2204 - Professional Practice
- MET 2240 - CNC Manufacturing
- MET 2224 - Reliability and Failure Analysis
- MET 2208 - Mechanical Design
- MET 2235 - Computer Integrated Manufacturing
- MET 2210 - Building Systems
- MET 2258 - Capstone Project

Admission Requirements
Regular Admission

Minimum 65% in ELA 30-1 or ELA 30-2 or equivalent and

Minimum 60% in MATH 30-1 or 75% in MATH 30-2 or equivalent and

Minimum 60% in SCIE 30 or PHYS 30 or equivalent

OR Alternate Admission

Completion of at least one semester (or five courses) of an engineering technology or technologist diploma, or an engineering degree program within five years prior to application, from an accredited institution.

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

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

Related Careers

- Mechanical Engineering Technologists
- Design Technologist, Mechanical
- Automated Systems Technologist
- Manufacturing Engineering Technologist
- Robotics Technologist
- Mechanical Design Technologist

Medical Device Reprocessing Certificate

Credential
Certificate

Duration
26 Weeks

Location
Online (Program to be completed online with lab sessions to be completed on Main Campus)

The Program
Note: First (Red Deer Polytechnic) Intake January 2026

The program prepares a graduate to become a Medical Device Reprocessing (MDR) Technician. Medical Device Reprocessing Technicians are skilled professionals who support surgical centers through the execution of meticulous sterilization and packaging services. Students will graduate from the Red Deer Polytechnic MDR program with expertise in surgical instruments, processing techniques, and medical terminology. Upon graduation, students will be prepared to successfully challenge the MDR certifying exams by either the Healthcare Sterile Processing Association (HSPA) or the Canadian Standards Association (CSA) and practice as MDRTs.

Program Content
Term 1:

- MDR 1220 Introduction to Microbiology and Infection Control
- MDR 1230 Medical Terminology and Anatomy
- MDR 1210 Surgical Instrumentation
- MDR 1200 Sterile Processing Practices
- INTP 1104 Heathcare Communication

Term 2:

- MDR 1300 Practicum

Admission Requirements

- High School Diploma
- Minimum 60% ELA 30-1, ELA 30-2 or equivalent

    OR

- Completion of a post-secondary English course or successful placement assessment
- Science 20 or Biology 20 are recommended, but not required

Designated Seats for Qualified Indigenous Applicants

The MDR at Red Deer Polytechnic 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 MDR program has designated 10% (ten per cent) of seats in the program 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 1 for the Fall (September) term and October 1 for the Winter (January) term 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.

Additional Requirements
Immunization information and requirements to be completed prior to program start date and updated if required throughout the program to remain compliant with placement requirements. Requirements are posted on the School of Health and Wellness's Health and Safety Requirements website.

The applicant must provide evidence of current Heart and Stroke Foundation: Basic Life Support Provider Level and Standard First Aid and must re-certify CPR each year.

Note: Health workers are responsible to attain and maintain required health and safety certifications, and maintain recommended immunization records. Students of Health and Wellness programs are also required to meet these standards of practice. These Health and Safety Requirements do not need to be submitted as part of the application.

Note: Practicum travel and expenses: RDP's MDR program includes one external clinical practicum courses which total 400 hours. Students are responsible for all expenses associated with practicum. Practicum expenses can vary depending on practicum location and could include room and board, and travel to and from the workplace. Students are required to have appropriate clothing or workwear appropriate for working with the public in a professional setting. Due to practicum availability, students may be required to travel to any location within the province of Alberta, or in neighbouring provinces, in order to complete the practicum requirements. In extreme circumstances, the Polytechnic may need to delay completion of a practicum until a placement becomes available.

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) 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, professional accreditation and therefore affect future employment prospects. It is the decision of each agency or institution to accept or reject a student for placement based on the results of the police information check.

Technology Requirement
The MDR program is a Bring Your Own Device Program to ensure students have the required computer hardware to successfully complete activities and assignments.

Applicants are required to have either a MAC or a PC laptop that meet the following specifications (most laptops purchased within the last two years will likely meet requirements):

Laptop requirements:
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)
- 2 Micro SD cards and SD card reader

* 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 Polytechnic virtual desktop with the full Microsoft Office Suite of applications.

In Program Requirements

Students must complete a 400 hour work-integrated learning experience.

Graduation Requirements

Graduates must successfully pass all courses and achieve a cumulative GPA of 2.0. Due to the changing nature of health care and Medical Device Reprocessing, students must complete the program within 3 academic years from the term when they were first admitted.

Related Careers

Medical Device Reprocessing Technician

Medical Laboratory Assistant Certificate

Credential
Certificate

Duration
Fall 29 weeks
Winter 42 weeks

Location
Main Campus

The Program
The Accredited Medical Laboratory Assistant program is designed to produce health care professionals who have the basic technical and theoretical skills to work in healthcare laboratories. Their duties consist mainly of sample collection, specimen processing and various clinical laboratory procedures. Graduates will attain all the specified MLA competencies that are outlined by the Canadian Society of Medical Laboratory Science (CSMLS). They will be eligible to write the CSMLS MLA exam and obtain national certification.

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. Students will demonstrate competencies required for the field in simulation labs –on campus and off-campus practicum experience.

Two Intakes Available - Fall Term (29 weeks in duration) and Winter Term (42 weeks in duration)

The Fall Term intake of the program is completed over 29 weeks. This program includes classroom, online, and laboratory courses and ends with a 7-week practicum off campus for clinical laboratory training. Learning includes daytime learning on main campus with some online learning opportunities integrated within the program as well.

The Winter Term intake of the program is completed over 42 weeks. The program includes online and laboratory courses and ends with a 6-week practicum off campus for clinical laboratory training. Learning (with the exception of the practicum) includes online learning in the evenings during the week and laboratory classes on weekends at the main campus.

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 according to established protocols
- Perform pre-analytical procedures and laboratory testing on a variety of specimens 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 in a legal, ethical and professional manner, demonstrating conduct that protects the patient's right to a reasonable standard of care
- Apply critical thinking skills to constructively investigate, evaluate, and problem solve workflow while practicing and promoting the principles of quality management systems
- Engage in self-reflective practice to enhance empathy, respect, and appreciation of diversity

Program Content

- INTP 1104 Healthcare Communication I
- MLA 1105 Infection Control
- MLA 1114 Integrated Medical Terminology
- MLA 1117 Reagent Preparation and Medical Lab Testing
- MLA 1119 Specimen Collection and Handling
- MLA 1121 Quality Management and Urinalysis
- MLA 1122 Electrocardiograms
- MLA 1123 Professional Practice
- MLA 1124 Specimen Processing
- MLA 1125 Simulated Practicum
- MLA 1115 Clinical Practicum

Delivery Options

- Fall Accelerated | Daytime main campus with some online learning
- Winter Extended | Evenings online and weekends on main campus

Admission Requirements

1. Minimum average of 60% and no mark below 50% in: English 30-1 (or ENGL 0301 or equivalent) or 30-2 (or ENGL 0300 or equivalent), Chemistry 20 (or CHEM 0200 or equivalent), Biology 30 (or BIOL 0300 or equivalent), and Mathematics 10C (or MATH 0100 or equivalent) or Mathematics 20-2 (or MATH 0200 or equivalent).

Non-academic Requirements:

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

Other Requirements

Note: Health Sciences workers are responsible to attain and maintain required health and safety certifications and maintain recommended immunization standards. As a student of a Health Sciences program you also are required to meet these standards of practice. These Health and Safety Requirements do not need to be submitted as part of your application. You are encouraged to become familiar with these requirements. See full information at Health & Safety Requirements .

Note: 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) 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, 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.

Graduation Requirements

You must pass all required courses including clinical practicum and achieve a minimum cumulative GPA of 2.0. Due to the changing nature of health care, students must complete all required courses within the program within 2 academic years from the term when they were first admitted.

Special Fees and Expenses

Practicum Expenses:
The RDP Medical Lab Assistant certificate program includes a 6 week (240 hour) clinical practicum placement. 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.

Related Careers

- Medical Lab Assistant

Network Administration Diploma
NEW

Credential
Diploma

Duration
2 years

Location
Main Campus

The Program
The Network Administration (NETA) Diploma prepares students to be logical thinkers and creative problem solvers ready to work in the field of information technology. Students learn how to maintain a resilient and high-quality network by planning and improving network capacity. Graduates will be able to install, monitor, troubleshoot, and upgrade network infrastructure, including both hardware and software components, use optimization techniques to improve utilization and efficiency, and apply security measures to prevent and monitor for security breaches. This program is ideally suited to someone who is naturally curious, a logical thinker, and interested in technology. The program is designed to provide students with comprehensive, hands-on training aligned with industry standards and certifications.

Program Outcomes:

1. Describe the essentials of IT ecosystems including hardware, software and networks.
2. Install, document, monitor, troubleshoot and upgrade hardware and software components of network infrastructure.
3. Support and manage IT resources across multiple platforms including local, remote and cloud locations.
4. Design, document, and improve network capacity to enable seamless network access and function.
5. Monitor, manage, and evaluate network performance, efficiency, and resilience.
6. Discuss alternative and emerging technologies and their application to IT systems.
7. Assess possible risks and intrusions and design effective mitigation to avoid security breaches.
8. Collaborate, employing interpersonal communication, teamwork, and leadership skills.
9. Communicate utilizing oral, written, and nonverbal communication skills.
10. Adopt a mindset of continuous learning and professional growth.

Program Content

Year 1, Semester 1

- ITEC 1330 IT Systems I
- ITEC 1335 Operating Systems
- NETA 1340 Introduction to Networking
- NETA 1345 Introduction to Programming and Database

AND one of:
- COMM 1250 Business and Workplace Writing
- CPRO 1011 Communication in the Workplace
- ENGL 1212 English for Engineering Students
- ENGL 1219 Essay Writing and Critical Reading

Year 1, Semester 2
- ITEC 1331 IT Systems II
- CPRO 2601 Cloud Computing
- ITEC 1350 Directory Services
- NETA 1355 Routing and Switching
- PHIL 2399 Technology and Computing

Year 2, Semester 1
- BUS 2110 Management Principles
- ITEC 2332 Systems Administration and Management
- NETA 2337 Connecting Networks
- NETS 2352 Network Security

Optional: Students can choose an elective from any 3 credit academic course at RDP. It is recommended that students choose ITEC 2342: Unified Communications, NETA 2347 Software Defined Networking, or CPRO 2011: Workplace Teams. Be mindful of pre-requisite requirements.

Year 2, Semester 2
- AIDA 1141 Introduction to Machine Learning and Data Science
- CPRO 2602 Cybersecurity
- ESB 2254 Project Design and Management
- WIL 2200 Innovative WIL Experience

Optional: Students can choose an elective from any 3 credit academic course at RDP. It is recommended that students choose ITEC 2342: Unified Communications, NETA 2347 Software Defined Networking, or CPRO 2011: Workplace Teams. Be mindful of pre-requisite requirements.

Transfer Features
None, currently

Admission Requirements
Students applying to the program must have:

- 60% in ELA 30-2, ENGL 0300, or equivalent OR 50% in ELA 30-1, ENGL 0301, or equivalent.

and,

- 60% in Math 30-2, Math 0300, or equivalent OR 50% in Math 30-1, Math 0301, or equivalent.

Additional Requirements
This is a bring your own device program. A suitable laptop is required for completing course learning outcomes. The specifications below are recommended:
- Intel i5 processor (Latest Generation) or AMD Ryzen 5 (Latest Generation)
- 16 GB Minimum RAM (32 GB Memory recommended)
- Integrated Graphics Card
- SSD 500 GB (preferred 1 TB)
- Wi-Fi and LAN
- Supports Virtualization and Virtual Machine

In Program Requirements
For WIL 2200, students must have completed 45 program credits to register for this course.

Graduation Requirements
Students must pass all courses and achieve a minimum cumulative GPA of 2.0 to graduate from the Network Administration Diploma.

Related Careers
- Computer Network Technician
- Local Area Network (LAN) Administrator
- Network Administrator
- Network Support Technician
- Network System Administrator
- IT Administrator
- Help Desk Technician

- Technical Support Specialist
- IT Support Specialist
- IT Coordinator
- Server Administrator
- Cloud Support Technician
- Desktop Support Analyst
- Systems Support Specialist
- Infrastructure Support Analyst
- Desktop Support Technician
- Junior Systems Engineer

Network Administration, Co-Op Diploma

NEW

Credential
Diploma

Duration
2 years

Location
Main Campus

The Program
The Network Administration Co-Op Diploma prepares students to be logical thinkers and creative problem solvers ready to work in the field of information technology. Students learn how to maintain a resilient and high-quality network by planning and improving network capacity. Graduates will be able to install, monitor, troubleshoot, and upgrade network infrastructure, including both hardware and software components, use optimization techniques to improve utilization and efficiency, and apply security measures to prevent and monitor for security breaches. This program is ideally suited to someone who is naturally curious, a logical thinker, and interested in technology. The program is designed to provide students with comprehensive, hands-on training aligned with industry standards and certifications.

Program Outcomes:

1. Describe the essentials of IT ecosystems including hardware, software and networks.
2. Install, document, monitor, troubleshoot and upgrade hardware and software components of network infrastructure.
3. Support and manage IT resources across multiple platforms including local, remote and cloud locations.
4. Design, document, and improve network capacity to enable seamless network access and function.
5. Monitor, manage, and evaluate network performance, efficiency, and resilience.
6. Discuss alternative and emerging technologies and their application to IT systems.
7. Assess possible risks and intrusions and design effective mitigation to avoid security breaches.
8. Collaborate, employing interpersonal communication, teamwork, and leadership skills.
9. Communicate utilizing oral, written, and nonverbal communication skills.
10. Adopt a mindset of continuous learning and professional growth.

Program Content

Year 1, Semester 1

- ITEC 1330 IT Systems I
- ITEC 1335 Operating Systems
- NETA 1340 Introduction to Networking
- NETA 1345 Introduction to Programming and Database

AND one of:
- COMM 1250 Business and Workplace Writing
- CPRO 1011 Communication in the Workplace
- ENGL 1212 English for Engineering Students
- ENGL 1219 Essay Writing and Critical Reading

Year 1, Semester 2
- ITEC 1331 IT Systems II
- CPRO 2601 Cloud Computing
- ITEC 1350 Directory Services
- NETA 1355 Routing and Switching
- PHIL 2399 Technology and Computing

Year 2, Semester 1
- BUS 2110 Management Principles
- ITEC 2332 Systems Administration and Management
- NETA 2337 Connecting Networks
- NETS 2352 Network Security

Optional: Students can choose an elective from any 3 credit academic course at RDP. It is recommended that students choose ITEC 2342: Unified Communications, NETA 2347 Software Defined Networking, or CPRO 2011: Workplace Teams. Be mindful of pre-requisite requirements.

Year 2, Semester 2
- AIDA 1141 Introduction to Machine Learning and Data Science
- CPRO 2602 Cybersecurity
- ESB 2254 Project Design and Management
- WIL 2200 Innovative WIL Experience

Optional: Students can choose an elective from any 3 credit academic course at RDP. It is recommended that students choose ITEC 2342: Unified Communications, NETA 2347 Software Defined Networking, or CPRO 2011: Workplace Teams. Be mindful of pre-requisite requirements.

Year 3, Semester 3
- COOP 2100 Co-Op Work Term

Transfer Features
None, currently

Admission Requirements
Students applying to the program must have:

- 60% in ELA 30-2, ENGL 0300, or equivalent OR 50% in ELA 30-1, ENGL 0301, or equivalent.

and,

- 60% in Math 30-2, Math 0300, or equivalent OR 50% in Math 30-1, Math 0301, or equivalent.

Additional Requirements
This is a bring your own device program. A suitable laptop is required for completing course learning outcomes. The specifications below are recommended:
- Intel i5 processor (Latest Generation) or AMD Ryzen 5 (Latest Generation)
- 16 GB Minimum RAM (32 GB Memory recommended)
- Integrated Graphics Card
- SSD 500 GB (preferred 1 TB)
- Wi-Fi and LAN
- Supports Virtualization and Virtual Machine

In Program Requirements
Students are initially admitted to the Network Administration Diploma which has common courses with the NETA Co-Op Specialization Diploma. Students will change their program to the Co-Op Specialization upon meeting the pre-requisites for COOP 2100. COOP 2100** is a required course in the Co-Op Specialization. The pre-requisites for COOP 2100 include: a minimum of 60 credits, good academic standing, completion of the CEED Work Readiness modules, and a job offer with a suitable employer. RDP cannot guarantee a Co-Op placement if students are unable to secure a job offer. Students who do not meet the requirements for the Co-Op specialization will be eligible to graduate with the NETA Diploma.

**Note: Students taking COOP 2100 should be prepared to incur the costs of employment. This could include suitable attire, travel to and from work, and other incidentals.

For WIL 2200, students must have completed 45 program credits to register for this course.

Graduation Requirements NETA Diploma, Co-Op Specialization
Successful completion of all courses with a minimum cumulative GPA of 2.0 and COOP 2100 to graduate from the Network Administration Co-Op Diploma.

Related Careers
- Computer Network Technician
- Local Area Network (LAN) Administrator
- Network Administrator
- Network Support Technician
- Network System Administrator
- IT Administrator
- Help Desk Technician
- Technical Support Specialist
- IT Support Specialist
- IT Coordinator
- Server Administrator
- Cloud Support Technician
- Desktop Support Analyst
- Systems Support Specialist
- Infrastructure Support Analyst
- Desktop Support Technician
- Junior Systems Engineer

Occupational and Physical Therapist Assistant Diploma

Credential
Diploma

Duration
2 years

Location
Main Campus

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

Note: The Occupational and Physical Therapist Assistant Program at Red Deer College has been accredited by the Occupational Therapist Assistant and Physiotherapist Assistant Education Accreditation Program (OTA & PTA EAP) in collaboration with Physiotherapy Education Accreditation Canada (PEAC) and the Canadian Association of Occupational Therapists (CAOT). The status of Accreditation was awarded to the program on November 30, 2020 for the period until November 30, 2026.

Occupational Therapist Assistant and Physiotherapist Assistant Education Accreditation Program, Suite 26, 509 Commissioners Road West, London, Ontario, N6J 1Y5, (226) 636-0632, www.otapta.ca

Program Content
Year 1

- INTP 1102 Healthcare Anatomy and Physiology
- INTP 1104 Healthcare Communication I
- OPTA 1112 Healthcare and Rehabilitation
- OPTA 1117 Foundational Rehabilitation Skills
- COMM 1250 Business and Workplace Writing
- OPTA 1118 Functional Anatomy
- OTA 1105 OTA Skills I
- PTA 1100 PTA Skills I
- OPTA 1122 Common Conditions and Function
- OPTA 1114 Concepts in Mental Health
- KNSS 307 Growth and Development
- OPTA 1130 Practicum I (Spring)

Year 2

- OPTA 2222 Complex Conditions and Function
- OPTA 2204 Sensation, Perception and Cognition
- OTA 2205 OTA Skills II
- PTA 2200 PTA Skills II
- OPTA 2215 Communication Impairment
- OPTA 2210 Professional Practice
- OPTA 2230 Practicum II

- OPTA 2330 Practicum III

Transfer Features
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.

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.

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.

Academic requirements:
A minimum of:
60% in ELA 30-1 (or ENGL 0301 or equivalent)
60% in Biology 30 or (or BIOL 0300 or equivalent)
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

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

In-Program Requirements
- Students will be required to maintain health and safety requirements throughout the duration of the program.

Other Requirements
- Students will be required to meet specified health and safety requirements during the program. These requirements can be found via the OPTA program webpage. Examples of these requirements may include a Vulnerable Sector Check, Heart and Stroke Foundation - Basic Life Support (BLS), standard first aid, and immunizations.

Technology requirements
- Students are required to have basic computer literacy with working knowledge of word processing software. Students must have a laptop with webcam, microphone, and speakers/headphones to complete program requirements.

Currency Requirements

- Maximum date for transfer is course specific. Due to the changing nature of health care, students must complete the program within 4 academic years from the term when they were first admitted.

Work Integrated Learning

- Students must complete 3 practicum placements (term 3 and term 5). 5.

Progression Requirements

- Students must achieve a minimum of 65% for each OPTA, OTA, and PTA course to pass.

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.

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) 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, 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.

Graduation Requirements

You must pass all courses and achieve a minimum cumulative GPA of 2.00. Due to the changing nature of health care, students must complete the program within 4 academic years from the term when they were first admitted.

Special Fees and 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 – Due to practicum availability, students may be required to travel to any location within 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.

Related Careers

- Occupational Therapist Assistant
- Physiotherapist Assistant
- Recreation Therapy Aide
- Rehabilitation Assistant

Open Studies

Duration
Varies

Location
Main Campus

The Program
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
While applicants are encouraged to present the requirements below:

A minimum grade of 50% in ELA 30-1 (or equivalent, e.g. ENGL 0301) or a minimum grade of 60% in ELA 30-2 (or equivalent, e.g. ENGL 0300).

Red Deer Polytechnic will accept applications from applicants that present:

A minimum grade of 50% in ELA 30-1 or ELA 30-2 (or equivalents, e.g. ENGL 0301 or ENGL 0300).

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

Related Careers
This course allows you the ability to start pursuing a career/program while upgrading, or, taking a variety of courses to find the right program that meets your career goals.

Parts Technician Apprenticeship

Credential
Alberta Journeyperson Certificate

Duration
3 years (three 12-month periods) including a minimum of 1500 hours of on the job training for each year, 6 weeks of classroom instruction in the first and third years and 8 weeks of classroom instruction in the second year.

Location
Main Campus

Fees
For fee information, visit [Red Deer Polytechnic Parts Technician Program Costs page](#).

The Program
The classroom instruction component of the Parts Technician Apprenticeship training program at RDP involves traditional classroom theory delivery (may include blended learning), a variety of digital learning tools, various quizzes, examinations, and applied practical hands-on shop training.

Parts technicians manage and dispense parts inventories, which may include automotive, heavy duty, farm implement, industrial, recreational vehicle, jobber, plumbing, electrical, etc. Parts technicians may be responsible for stock handling, identifying and cataloguing parts and assemblies as well as ordering, receiving, inspecting, sorting, pricing and selling, depending on business areas. The specific duties a parts technician performs depend upon the size of the wholesale, retail or warehouse distribution business and the types of parts involved. Some businesses specialize in one line of equipment such as a particular line of automotive parts; others stock parts for several makes of machinery as well as a wide variety of hardware supplies. In general, a parts technician:
- sells supplies and parts
- orders parts and keeps inventories
- receives supplies and stores them according to a prearranged system
- organizes and ships exchange parts and returns
- keeps price lists and catalogues updated
- prepares statements
- submits bills
- maintains records
- receives payments

Apprentices are expected to demonstrate progress in their apprenticeship program within 18 months by engaging in an activity that will lead to the completion of a period of the program.

Admission Requirements
Minimum:
- English 10-2 Math 10-3

or

A pass mark in all five Canadian General Educational Development (GED)

or

Canadian Adult Education Credential (CAEC) tests

or

Entrance Exam

Recommended:
- English 30-2
- Math 30-3
- Physics 30 OR Chemistry 30 OR Science 30
- Related Career and Technology Studies (CTS) courses

Other Requirements
To learn the skills required of a Parts Technician in Alberta and to be issued an Alberta Journeyman Certificate, a person must find a suitable industry employer who is willing to hire, sponsor, and train an apprentice. For more information, please visit the Alberta Apprenticeship and Industry Training - Parts website.

Graduation Requirements
Journeyperson Certificate is based on accumulated work experience and successful technical training outcomes.

Continue Your Learning
Apprentices may attempt the Interprovincial Exam in the final period of their apprenticeship training and, if successful, be granted a Red Seal.

Upon successful completion of the apprenticeship program, the apprentice will receive a journeyperson certificate and an educational credential (Certificate).

Related Careers

- Parts Technician
- Journeyperson
- Red Seal endorsement available
- Auto Parts Salesperson
- Parts Picker
- Warehouse Worker

Pharmacy Technician Diploma

Credential
Diploma

Duration
2 years

Location
Main Campus

The Program
The Pharmacy Technician Program of Red Deer Polytechnic has been awarded Accreditation Status by the Canadian Council for Accreditation of Pharmacy Programs from January 1, 2023 - June 30, 2028. 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 Pharmacy (ACP) registration process. Details regarding registering as a Pharmacy Technician in the province of Alberta can be found by accessing the Alberta College of Pharmacy's website (https://abpharmacy.ca/)

RDP 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.

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
- PHTD 104 Medical Terminology

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

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.

Transfer Features
Thompson Rivers University - Open Learning - Graduates of RDP's Pharmacy Technician Diploma 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 Associate Dean, academic advisors and the university to which you will transfer for more information.

Academic Requirements

1. Academic requirements:

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

- Biology 30 (or BIOL 0300 or equivalent)
- Chemistry 30 (or CHEM 0300 or equivalent)
- ELA 30-1 (or ENGL 0301 or equivalent) or ELA 30-2 (or ENGL 090 or equivalent)
- Mathematics 30-1 (or MATH 096 or equivalent) or Mathematics 30-2 (or MATH 0300 or equivalent)

OR

Successful completion of a Bachelor of Science in Pharmacy degree.

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

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:

The following tests and scores may be accepted as evidence of language proficiency. Applicants must complete all four subtests in a single testing session of any approved test and achieve passing scores for each. The minimum passing scores are as follows:

Test	Subtest	Required Score
IELTS Academic	Reading	7.0
	Listening	7.0
	Speaking	7.0
	Writing	6.5
OET	Reading	B
	Listening	B
	Speaking	B
	Writing	C+
TEF Canada	Reading	B2
	Listening	C1
	Speaking	C1
	Writing	B2

or

Graduation from a high school, CEGEP (general and professional teaching college in Quebec), community college, private career college or university program located in Canada, if the program was of at least three years' duration and was provided in the language required for licensure, with successful completion of three consecutive, English or French language courses, depending on the required language. Second language or additional language courses are not acceptable as evidence.

or

Graduation from a CCAPP accredited pharmacist education program located in Canada, a CCAPP accredited pharmacy technician program within Canada whose language proficiency requirements match the requirements, or an ACPE accredited pharmacist education program located in the United States that was instructed in English

(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.)

2. Non-Academic program requirements:

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

Students entering the program are expected to possess basic math skills that include addition, subtraction, multiplication, division, conversion of fractions, percentages, decimals, ratios, and the ability to perform other related calculations.

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.

Other Requirements

Note: Applicants are required to have either a MAC or 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) and Microphone.

Windows Laptop Minimum Requirement: Laptop with a 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) and Microphone.

Software: Latest version of Adobe Flash, Google Chrome browser, *Microsoft Word.

*Microsoft World 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 Polytechnic virtual desktop with the full Microsoft Office Suite of applications.

Note: The program is designed to be completed full-time in 2 years. If student specific circumstances require a change in the program schedule, registration in laboratory courses may depend on space within the course. Registration in laboratory courses may be delayed if course is full and thus will delay program completion.

Note: Sterile/Aseptic compounding requires compliance with the requirements set forth by the NAPRA standards for pharmacy compounding of sterile preparations. These standards have specific requirements for garments and restrictions on personal adornments including, but not limited to, jewelry, makeup, nails, permanent tattoos, and piercings that students must comply with in order to perform sterile compounding both in their sterile course and in their practicum placement. Sterile compounding also requires significant hand dexterity and the ability to work with the hands for extended periods of time. If you are concerned about these requirements, please contact program faculty as not meeting these standards will hinder your ability and complete the program successfully.

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: Health Sciences workers are responsible to attain and maintain required health and safety certifications and maintain recommended immunization standards. As a student of a Health Sciences program you also are required to meet these standards of practice. These Health and Safety Requirements do not need to be submitted as part of your application. You are encouraged to become familiar with these requirements. See full information at Health & Safety Requirements.

Note: Prior to entering the program, students should have an understanding of the specific skills that will help bring them success as a pharmacy technician. Please refer to More Program Information for details regarding these skills.

Note: Students will be required to successfully complete a keyboarding assessment and obtain at least 30 wpm. Testing will be provided at RDP. 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: 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: 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 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.

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 4 academic years from the term to which they were first admitted.

Special Fees and Expenses

Note: Practicum Expenses - The RDP Pharmacy Technician diploma program includes a 4 week (160 hours) community pharmacy practicum placement and a 5 week (200 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 institution may need to delay completion of a practicum placement until a placement becomes available.

Related Careers

- Pharmacy Technician

Plumber Apprenticeship

Credential
Alberta Journeyperson Certificate

Duration
4 years (four 12-month periods) including a minimum of 1560 hours of on the job training and 8 weeks of classroom instruction (total of 240 hours) in each of the 4 years.

Location
Main Campus

Fees
For fee information, visit Red Deer Polytechnic Plumber Program Costs page.

The Program
The classroom instruction component of the Plumber Apprenticeship training program at RDP involves traditional classroom theory delivery (may include blended learning), a variety of digital learning tools, various quizzes, examinations, and applied practical hands-on shop training.
Plumber's plan, install and service plumbing systems, fixtures, piping equipment and controls. These piping systems may be used to transport water, waste, gases, or hot liquids.

On a typical construction job, plumbers do the roughing in after the frame and roof of a new building are in place. In other words, they:

- study the building plans and specifications to determine the layout for the plumbing and other materials,
- locate and mark the positions for connections and fixtures,
- cut holes through walls and floors to accommodate pipes,
- select the type and size of pipe required and measure, cut, thread, bend, clamp, solvent cement, or solder pipe,
- assemble and install valves and fittings,
- join pipe sections and secure them in position,
- test pipe systems for leaks, and
- install underground storm sanitary and water piping system.

Apprentices are expected to demonstrate progress in their apprenticeship program within 18 months by engaging in an activity that will lead to the completion of a period of the program.

Upon successful completion of the apprenticeship program, the apprentice will receive a journeyperson certificate and an educational credential (Advanced Diploma).

Admission Requirements
Apprenticeship and Industry Training (AIT) Entrance Requirements Recommended Path:
- ELA 30-2
- Math 30-3
- Physics 30 or Chem 30 or Science 30
- Related CTS courses

OR

Minimum Requirements:
- ELA 20-2
- Math 20-3
- Science 10

OR

A pass on all five Canadian GED tests

OR

Successful completion of AIT's entrance exam

Other Requirements
To learn the skills required of a Plumber in Alberta and to be issued an Alberta Journeyman Certificate, a person must find a suitable industry employer who is willing to hire, sponsor, and train an apprentice. For more information, please visit Alberta [Apprenticeship and Industry Training – Plumber](#).

Graduation Requirements
Journeyperson Certificate is based on accumulated work experience and successful technical training outcomes.

Continue Your Learning
Apprentices may attempt the Interprovincial Exam in the final period of their apprenticeship training and, if successful, be granted a Red Seal.

Related Careers
Applicants with an Alberta or recognized trade certificate in one of the following trades may be eligible for credit towards their apprenticeship or Trades Qualifier program requirements.

- Gasfitter - Class A
- Sprinkler Systems Installer
- Steamfitter-Pipefitter

Practical Nurse Diploma

Credential
Diploma

Duration
2 years

Location
Main Campus
Campus Alberta Central

The Program

The RDP Practical Nurse program is available at Prairie College campus in Three Hills. Please contact Prairie College for information.

The Practical Nurse program at RDP will engage learners in the study of health, illness, interdisciplinary collaboration, and the nursing process. Learners will graduate the program prepared to write the Canadian Practical Nurse Registration Exam, enabling them to work across varied and exciting areas within the healthcare system.

Program Content
Year 1

- PN 1052 Nursing Foundations
- INTP 1104 Healthcare Communications I
- PN 1078 Role and Scope of the Practical Nurse
- ENG 1219 Essay Composition and Critical Reading
- INTP 1083 Anatomy and Physiology
- PN 1080 Pathophysiology
- PN 1077 Pharmacology
- PN 1059 Health Assessment
- PN 1081 Nursing Foundations II
- PN 1060 Gerontology Nursing
- PN 1082 Mental Health Nursing
- Elective
- PN 1063 Residential Care Clinical

Year 2

- PN 2065 Nursing Foundations III
- PN 2067 Pharmacology II
- PN 2068 Acute Clinical Care
- PN 2070 Maternity and Pediatric Nursing

- PN 2071 Community Health Nursing
- PN 2079 Interprofessional Leadership
- PN 2075 Comprehensive Practicum

Note: Students who withdraw or fail a clinical course in the Practical Nurse program (PN 1063, PN 2068, and PN 2075) will be required to complete INTP 2303 prior to the next attempt of the clinical course.

Note: Students who unsuccessfully attempt any PN course twice will be required to withdraw from the program.

Note: All requirements for graduation must be met within five years of the first nursing course used toward the diploma.

Admission Requirements

In order to be admitted to the program the student must meet the following academic requirements:

- 60% in ELA 30-1
- 60% in 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: Applicants whose first language is not English must demonstrate English language proficiency in addition to the program admission requirements.

Note: Indigenous applicants to the Practical Nurse program, go to Program Admission Features below for more information.

Note: Health Sciences workers are responsible to attain and maintain required health and safety certifications and maintain recommended immunization standards. As a student of a Health Sciences program you also are required to meet these standards of practice. These Health and Safety Requirements do not need to be submitted as part of your application. You are encouraged to become familiar with these requirements. See full information at Health & Safety Requirements .

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.

Other Requirements
CAC Locations and Part-time Study | Contact Academic Advising for more information.

Immunization to be completed prior to program start date. In addition to the above requirements the student must provide evidence of current CPR certification at the Health Care Provider Level. You must re-certify 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)
- 2 Micro SD cards and SD card reader

* 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 Polytechnic 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 called 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 prohibit practicum placement, program completion, and professional licensure and therefore affect future employment prospects. It is the decision of each practicum agency to accept or reject a student for placement 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: 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 to complete the practicum requirements. These locations are located throughout the province of Alberta and students are required to provide their own transportation. (Please note practicum refers to either clinical or preceptorship courses).

Continuation Requirements
Students who withdraw or fail a clinical course in the Practical Nurse program (PN 1063, PN 2068 and PN 2075) will be required to complete INTP 2303 prior to the next attempt of the clinical course.

Students who unsuccessfully attempt any PN course twice will be required to withdraw from the program on the following courses: PN 1052, PN 1078, PN 1080, PN 1077, PN 1059, PN 1060, PN 1081 PN 1082, PN 1063, PN 2065, PN 2067, PN 2068, PN 2070, PN 2071, PN 2079 or PN 2075.

Graduation Requirements
You must pass all required courses and achieve a minimum cumulative GPA of 2.0.

All requirements for graduation must be met within five years of the first nursing course used toward the diploma.

Program Admission Features
The Practical Nurse Diploma program at Red Deer Polytechnic 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 for the Fall (September) term and October 1st for the Winter (January) term 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.

Related Careers

- Licensed Practical Nurse
- Crisis Counsellor
- Health Educator
- Surgical Nurse
- Critical Care Nurse

Pre-Health Sciences Certificate

Suspended July 1, 2025 to June 30, 2027

Credential
Certificate

Duration
1 year

Location
Main Campus
Online

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 at Red Deer Polytechnic, but do not meet the admission requirements.

This program was created for a variety of learners in mind:

- learners who do not meet the requirements for their preferred Health Care program;
    - o this program will provide the opportunity to increase current GPA and/or acquire pre-requisites;
- learners who are interested in a health career have the opportunity to explore concepts related to health and health care, and
- learners will be able to employ effective study, writing, information literacy and digital literacy skills to prepare for health and wellness programs.

Graduates of this program will be eligible to apply for the reserved 10% of seats in the below pathway programs:

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

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 English, Chemistry and Science equivalents required for admission to a pathway program.

Program Outcomes:

1. Demonstrate effective communication skills and discuss their influence/application in health and wellness fields.
2. Examine the roles of a variety of health care professionals in the Canadian health care system.
3. Recognize 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. Examine 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.

Program Content
HSCI 1100 - Health Sciences I
HSCI 1101 - Health Sciences II
HSCI 1105 - Personal Health and Wellness
HSCI 1110 - Mathematics for Health Professions I
HSCI 1111 - Mathematics for Health Professions II
HSCI 1115 - Biology for Health Professions
INTP 1102 - Health Care Anatomy and Physiology

Admission Requirements
Minimum of

- 50% in ELA 30-1 or 30-2
- 50% in Biology 20
- 65% in Mathematics 10C or 50% in Math 30-1, 30-2, 30 Applied, 20-1, 20-2 or 20 Applied

Note: Applicants whose first language is not English must demonstrate English language proficiency.

Note: The following programs have designated seats for admission of graduates of the Pre-Health Sciences Certificate program provided all other admission requirements are met. The programs specified below have designated at least 10% of their total first year seats.

Additional Requirements for Pathway Programs

Program	Pre-Health Sciences Certificate	60% in ELA 30-1 or equivalent	Chemistry 20 or equivalent	High School Diploma or GED	NAPRA English Language Proficiency
Medical Laboratory Assistant Certificate	yes		yes		
Occupational and Physical Therapist Assistant Diploma	yes	yes			
Pharmacy Technician Diploma	yes		yes	yes	yes
Practical Nurse Diploma	yes	yes			

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.

Other Requirements
Note: Applicants are required to have either a MAC or a PC laptop that meet the following specifications: Laptop requirements:

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 Polytechnic virtual desktop with the full Microsoft Office Suite of applications.

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

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 RDP health-related certificate or diploma program.

Social Work Diploma

Credential
Diploma

Duration
2 years

The Program
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 RDP is to graduate ethical and compassionate social workers committed to anti-oppressive practice and social justice.

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 by helping to increase their access to resources, services and opportunities as individuals or within their communities. Students will learn to identify gaps and challenges in those systems, and ways in which they can be addressed.

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.

Program Content
Year 1

- SOWK 1201 Social Work Practice I
- SOWK 1202 Social Work Practice II
- SOWK 1204 Ethics in Social Work Practice
- SOWK 1207 Introduction to Social Welfare
- SOWK 1208 Field Work I
- SOWK 1209 Field Work II
- SOWK 1212 Preparation for Practice
- SOWK 1214 Reconciliation through Social Work
- SOCI 1260 Introductory Sociology
- PSYC 1001 Principles of Psychology I

- PSYC 1002 Principles of Psychology II
- English or Communication Option
- English or Communication Option

Year 2

- SOWK 2301 Social Work Practice with Families
- SOWK 2304 Social Work Practice with Groups and Communities
- SOWK 2306 Leadership in Social Work
- SOWK 2307 Social Policy
- SOWK 2308 Field Work III
- SOWK 2309 Field Work IV
- SOWK 2312 Current Trends and Issues Social Work
- SOWK 2315 Social Work Research
- SOCI 1261 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.

Transfer Features
The RDP Social Work Diploma can be transferred to a Bachelor of Social Work (BSW) degree with the University of Calgary or Mount Royal University.

Admission Requirements

Academic Requirements:

No mark below 50% in:

1. ELA 30-1 (or ENGL 0301 or equivalent) or ELA 30-2 (or ENGL 0300 or equivalent)

   AND

2. Social Studies 30-1 (or SOST 0301 or equivalent) or Social Studies 30-2 (or equivalent) or Aboriginal Studies 30 (or equivalent).

OR

Completion of College Board Placement (Accuplacer) testing with a minimum score of 250 on the Reading component, 250 on the Writing component and 5 on the WritePlacer Test.

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

Non-academic Requirements

Preparation Module

Completion of a program specific education module is required before the applicant is fully admitted to the program. Details will be provided to applicants after their application to the program.

Other Requirements

Note: While not an admission requirement for the program, applicants are advised that they will be required to provide a Police Information Check or 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 criminal record check. Students should be prepared for approximately $50 to $75 in extra expense to acquire these documents.

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: Increasingly, social work practice in many social services agencies requires workers to work extended hours of operation. Many agencies now provide a variety of programs associated with their services that operate on evenings or weekends. Students need to be prepared to work during non traditional business hours if placed in these agencies.

Note regarding university transfer: While students may enter the SOWK Diploma program without English 30 or ELA 30-1, those intending to transfer to a university program are advised to complete English 30 or 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 English 30 or ELA 30-1 may take English 30 (or equivalent) upon admission to Social Work but may not

complete the Diploma within four terms. English 30 or ELA 30-1 is not credited toward Diploma requirements.

Graduation Requirements

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

Related Careers

- Social Worker
- Upon completion of the Social Work Diploma Program, graduates are eligible to apply for registration with the Alberta College of Social Workers.

Career and Life Skills

- Communication
- Ethical standards
- Ethical practice
- Cultural Empathy
- Working with, and helping serve, diverse populations
- Project Management/Organization
- Interpersonal and Teamwork Skills
- Leadership
- Advocacy
- Conflict Resolution

Sprinkler Systems Installer Apprenticeship

Credential
Alberta Journeyperson Certificate

Duration
4 years (four 12-month periods) including a minimum of 1600 hours of on the job training and 8 weeks of classroom instruction (240 hours) in each of the first 3 years, and a minimum of 1800 hours of on-the-job training in the fourth year.

Location
Main Campus

Fees
For fee information, visit Red Deer Polytechnic Sprinkler System Installer Program Costs.

The Program
The classroom instruction component of the Sprinkler System Installer Apprenticeship training program at RDP involves traditional classroom theory delivery (may include blended learning), a variety of digital learning tools, various quizzes, examinations, and applied practical hands-on shop training.

Sprinkler systems installers fabricate, install, test, maintain, inspect, and repair sprinkler systems on commercial and industrial sites. To install wet and dry pipe sprinkler systems, carbon dioxide, chemical and foam extinguishing systems, standpipe and hose systems and fire pump systems, installers: read and interpret engineered drawings and specifications to determine layout requirements,

- select the type and size of pipe required and arrange the piping to provide fire protection,
- install clamps, brackets, and hangers to support the piping system and sprinkler and fire protection equipment,
- join and connect pipes and piping sections to related piping systems, tanks, mains, pumps, compressors, and control equipment using various pipe joining methods,
- test systems for leaks using air or water pressure,
- inspect, maintain, and repair piping, fixtures and controls including hydrant, pump and sprinkler head connections, and
- may prepare cost estimates for clients.

Apprentices are expected to demonstrate progress in their apprenticeship program within 18 months by engaging in an activity that will lead to the completion of any period of the program.

Upon successful completion of the apprenticeship program, the apprentice will receive a journeyperson certificate and an AIT educational credential (Diploma).

Admission Requirements
Apprenticeship and Industry Training (AIT) entrance requirements recommended path:
- ELA 30-2
- Math 30-3
- Physics 30 or Chem 30 or Science 30
- Related CTS courses

OR

Minimum requirements:
- ELA 20-2
- Math 20-3
- Science 10

OR

A pass on all five Canadian GED tests

OR

Successful completion of AIT's entrance exam

Graduation Requirements
Journeyperson Certificate is based on accumulated work experience and successful technical training outcomes.

Continue Your Learning
Apprentices may attempt the Interprovincial Exam in the final period of their apprenticeship training and, if successful, be granted a Red Seal Endorsement.

Related Careers
Applicants with an Alberta or recognized trade certificate in one of the following trades may be eligible for credit towards their apprenticeship or Trades Qualifier program requirements.

- Gasfitter - Class A
- Gasfitter - Class B
- Plumber
- Steamfitter-Pipefitter

Steamfitter/Pipefitter Apprenticeship

Credential
Alberta Journeyperson Certificate

Duration
The term of apprenticeship for a steamfitter–pipefitter is 4 years (four 12-month periods) including a minimum of 1560 hours of on the job training and 8 weeks of classroom instruction (240 hours) in each of the four years.

Location
Main Campus

Fees
For fee information, visit Red Deer Polytechnic Steamfitter/Pipefitter Program Costs page.

The Program
The classroom instruction component of the Steamfitter/Pipefitter Apprenticeship training program at RDP involves traditional classroom theory delivery (may include blended learning), a variety of digital learning tools, various quizzes, examinations, and applied practical hands-on shop training.

Steamfitter/Pipefitters lay out, assemble, fabricate, maintain, and repair piping systems which carry water, steam, chemicals, or fuel used in heating, cooling, lubricating and other processes.

To install a typical piping system in a commercial building or industrial plant, steamfitter–pipefitters:

- study blueprints, drawings, and specifications to determine the type of pipe and tools to use, and lay out the sequence of tasks,
- sometimes make detailed sketches for pipe and equipment fabrication and installation, as required,
- measure, cut, thread, groove, bend, assemble and install metal, plastic and fiberglass pipes, valves, and fittings,
- join pipe sections, related equipment and secure in position,
- use testing equipment to check systems for leaks.

Apprentices are expected to demonstrate progress in their apprenticeship program within 18 months by engaging in an activity that will lead to the completion of any period of the program.

Admission Requirements

Apprenticeship and Industry Training (AIT) Entrance Requirements Recommended Path:

- ELA 30-2
- Math 30-3
- Physics 30 or Chem 30 or Science 30
- Related CTS courses

OR

Minimum Requirements:

- ELA 20-2
- Math 20-3
- Science 10

OR

A pass on all five Canadian GED tests

OR

Successful completion of AIT's entrance exam

Graduation Requirements

Journeyperson Certificate is based on accumulated work experience and successful technical training outcomes.

Continue Your Learning

Apprentices may attempt the Interprovincial Exam in the final period of their apprenticeship training and, if successful, be granted a Red Deer Endorsement.

Upon successful completion of the apprenticeship program, apprentice will receive a journeyperson certificate and an AIT education credential (Advanced Diploma).

Related Careers

Those authorized to perform the restricted activities of this designated trade include:

- Sponsored Apprentices
- Certified Journeypersons

University Arts Diploma

Credential
Diploma

Duration
2 Years

Location
Main Campus

The Program
The two-year University Arts Diploma offers students the opportunity to learn about the issues and people shaping their world through a holistic approach to knowledge that is interdisciplinary in emphasis and chronologically broad in its topics. Students are able to determine their futures through a focus on general University Arts, which allows students to concentrate on a particular area of interest within the Humanities (English, History/Classics, Philosophy) and Social Sciences (Anthropology, Communications, Economics, Political Science, Psychology, Sociology) or by majoring in one of three thematic specializations:

- Global Perspectives;
- Science and Society;
- Culture, Societies, and Gender.

With a choice of pathways, resulting in a University Arts Diploma, students are able to concentrate on what matters to them while gaining transferable knowledge and skills that will give them a leg up in an ever-uncertain future. In an age where intricate problems do not respond to traditional solutions, the ability to think beyond disciplinary boundaries, offer critical analysis, craft well-considered assessments, supported by adaptive thinking in pursuit of solutions, will be the foundation for students' further educational goals or employment aspirations.

Please note: all students apply to the University Arts Diploma. Following Admission, students may, if they choose, declare a specialization in Year 1 or Year 2 prior to graduation. Specializations are noted on transcripts. Students who choose not to specialize, or who do not meet the requirements of a specialization, will graduate with the same University Arts Diploma (without a specialization noted on their transcripts).

Program Outcomes

1. Recognize the provisional nature, inherent complexity, and ambiguity of knowledge.

2. Acknowledge a variety of critical and theoretical approaches to local and global issues and identify the strengths and weaknesses of these approaches.
3. Engage in scholarly inquiry, both independently and collaboratively, to identify and investigate questions of a theoretical and applied nature using appropriate disciplinary methodologies and sources.
4. Integrate knowledge and perspectives across disciplinary boundaries.
5. Demonstrate intellectual integrity and academic accountability.
6. Recognize reasonable objections to positions one endorses and to the arguments one uses to support their own position when presenting oral and written arguments.
7. Acknowledge the diverse social, cultural, and historical forces that shape identities and values and examine personal and cultural diversity.
8. Analyse and interpret historical and contemporary events, texts, and data within disciplines.
9. Demonstrate collaborative, independent, and inclusive attitudes and practices.

Program Content
60 credits of university-transferable course-work including:

36 Core Credit Requirements - all students take within their 60 credit University Arts Diploma, the following 36 Core Diploma Requirements:

- ENGL 1219 (3 credits)
- 2 Science Options (6 credits)
- 2 Humanities Options (6 credits)
- 2 Social Sciences Options (6 credits)
- 1 Indigenous Course Option (3 credits, chosen from a list)
- 1 Wellness Option (3 credits, chosen from a list)
- 3 University Transfer Course Options (9 credits)

Students also take:

24 Credit Requirements for the Diploma (8 courses)

- For the University Arts Diploma (non-specialization), students will take 24 credits (8 x 3 credit courses) with 4 courses (12 credits) from Humanities and 4 course (12 credits) from Social Sciences.
- For specializations, students will take 24 credits (8 x 3 credit courses) in the chosen area of specialization (from an approved list).

At least 21 of the 60 credits (7 courses) must be at the second-year or higher level.

Catalogue of Courses for the Thematic Streams

Planning Note for Students:

1.   Please be advised that not all courses listed in a stream are offered every year. Students are advised to plan their program pathway and registration in consultation with the timetable published each spring to ensure program completion.
2.   Courses listed in streams may have pre-requisites or course-specific requirements. Students are advised to plan accordingly. Pre-requisite courses may be selected in Term 1 or Term 2 and would count as junior Humanities or Social Science requirements.

Global Perspectives Stream:
Today's world is linked through commerce, culture, and crisis, to name only three elements of globalization. This interconnectedness can be a cause of great optimism but also of great unease for the citizens of nations that form the global community. In this Diploma Stream explore the historical and contemporary issues of an interrelated world, from the perspective of various humanities and social sciences disciplines, and learn that the questions arising from globalization have deep roots.

(Choose 8 courses from the following list)

First Year Courses:
ANTH 1201: People and Culture
ANTH 1204: Global Citizenship
ART 1201: Art History I
ART 1203: Art History II
CLAS 1209: Ancient Greece and Rome
FILM 1202: Film History
HIST 1207: Early Modern World, 1450-1789
HIST 1208: The World since 1789
HIST 1209: Medieval World History
PHIL 1201: Values and Society
POLI 1201: Introduction to Political Science
POLI 1283: Global Issues

Senior Courses:
ANTH 2321: Survey: Latin America
ANTH 2327: Cultures in Global Context
ANTH 2361: Mesoamerica and Central America
ANTH 2370.1: Special Topics: Ancient Civilizations
ART 2305: Art History
ART 2306: Art History
CLAS 2320: Roman History
COMM 2321: Special Topics (depending on the topic)
COMM 2341: New Media and Society

ECON 2323: International Economics
ECON 3325: International Trade
ECON 2327: International Money and Finance
ENGL 2312: Contemporary Canadian Literature
ENGL 2335: English Literature Pre 1700
ENGL 2336: English Literature Post 1700
ENGL 2347: Victorian Period
ENGL 2371: Topics in Canadian Literature
ENGL 2391: Topic in International Literature
ENGL 2395: Topic in Shakespeare
HIST 2314: Wartime Europe, 1900-1945
HIST 2315: Cold War Europe, 1945-1991
HIST 2334: Modern English Society
HIST 2351: The British Empire
HIST 2361: The United States to 1865
HIST 2362: The United States since 1865
HIST 2363: American Civil War in Context
PHIL 2345: Early Modern Philosophy
PHIL 2355: Philosophy of the Environment
POLI 2308: Political Thought to 1550
POLI 2309: Political Thought since 1550
POLI 2388: Global Trade I
POLI 2389: Global Trade II
SOSI 2305: Selected Topics in Sociology

Science and Society Stream:
Discover how humanity's collective and evolving understanding of reality is increasingly enlightened by the pursuit of scientific knowledge. Students can choose from a variety of courses exploring the ongoing and historical development of the sciences, their philosophical assumptions and methodological commitments, their social significance, and their value commitments. Course work will also explore the way in which science transforms social, political, economic, environmental, and culture factors as well as the ways in which the sciences, themselves, are shaped by those factors.

(Choose 8 courses from the following list)

First Year Courses:
ANTH 1200: People and Biocultural Evolution
PHIL 1202: Knowledge and Reality
PHIL 1221: Critical Thinking

Senior Courses:
ANTH 2306: Archaeology
ANTH 2309: Biological Anthropology
ANTH 2330: Technology and Culture

COMM 2341: New Media and Society
COMM 2381: Communications History
ENGL 2387: Topics in Literature and Society (if topic is appropriate)
ENGL 2393: Science Fiction
HIST 2325: Science and Religion since 1500
HIST 2330: History of Health and Healing
PHIL 2323: Philosophy of Mind
PHIL 2355: Philosophy of the Environment
PHIL 2364: Philosophy of Science
PHIL 2386: Bioethics
PHIL 2399: Technology and Computing
POLI 2324: Politics of Healthcare
PSYC 2105: History of Psychology
PSYC 2241: Social Psychology
PSYC 2391 Health Psychology
SOSI 2305: Selected Topics in Sociology
SOCI 2374: Sociology of Health and Illness

Culture, Societies, and Gender Stream:
Cultural perspectives on gender have profoundly shaped past societies and
changing views on gender and sexuality continue to transform our lives today. By
analyzing gender through a multi-disciplinary theoretical framework, students will
investigate gender and sexuality as understood in both historical and
contemporary contexts, and reflect upon a variety of social, moral, political, and
economic issues.

(Choose 8 courses from the following list)

First Year Courses:
ANTH 1201: People and Culture
COMM 1271: Introduction to Communication Theory
PHIL 1201: Values and Society
SOCI 1260: Introduction to Sociology
SOCI 1261: Canadian Society

Senior Courses:
ANTH 2307: Cultural Anthropology
ANTH 2308: Linguistic Anthropology
ANTH 2327: Cultures in Global Context
ANTH 2331: Anthropology of Gender
COMM 2371: Critical Media Studies
ENGL 2364: Literary Theory: Contexts
ENGL 2387: Topics in Literature and Society
ENGL 2389: Topic in Women's Literature
HIST 2327: The European Witch Craze
HIST 2334: Modern English Society

HIST 2357: Gender & Sexuality in History
PHIL 2348: Gender and Sexuality
PHIL 2364: Philosophy of Science
POLI 2309: Political Thought Since 1550
PYSC 2247: Psychology of Gender
PSYC 2367: Human Sexual Behaviour
SOCI 2371: Sociology of Families
SOCI 2301: Sociology of Gender
SOCI 2344: Mass Media & Popular Culture
SOCI 2365: Social Stratification

Delivery Options
The University Arts Diploma may be taken several different ways. Students may attend part-time or full-time on the RDP campus or online. Depending on course selections and specializations, it may be possible to complete the University Arts Diploma online.

Transfer Features
The University Arts Diploma provides numerous transfer pathways. Please see an Advisor about your goals and options.

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

a. ELA 30-1 or equivalent (e.g. ENGL 0301)

b. Four (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.

OR
Alternate Admission
a. ELA 30-1 or equivalent (e.g. ENGL 0301)

b. One (1) course from Group A, B or C.

Note: Some universities require Math 30-1 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.

Note: Students will be admitted to the Arts University Diploma. Following Admission, students may, if they choose, declare a specialization (which will be noted on their transcripts). Students who do not declare or who do not meet the criteria for a specialization will receive the Arts Diploma without specialization. Specializations can be declared in Year 1 or Year 2 prior to applications for graduation.

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

Other Requirements
No additional requirements. Though not required as part of the Admission, students are advised that access to a computer for completing assignments and assessments in courses is necessary.

Graduation Requirements

- 60 credits of university-transferable course work meeting progression requirements, as above, with at least 21 credits at the senior level (2000 or above)
- Minimum cumulative GPA of 2.0 with a passing grade of at least "D" in each course
- Note, "D" grades may not transfer to all universities
- Students must meet RDP Residency Requirement

Related Careers

- Non-profit and NGO sectors
- Sales
- Banking
- Office Administrator or Administrative work
- Career options are varied. These diplomas are knowledge-based diplomas that will give job applicants
- a recognized credential while also allowing currently employed students to advance their careers through credential attainment.

University Science Diploma

Credential
Diploma

Duration
2 Years

Location
Main Campus

The Program
The University Sciences Diploma at Red Deer Polytechnic is a two-year diploma program emphasizing contemporary concepts and practical scientific skills applicable to both field and laboratory settings. The University Sciences Diploma will prepare graduates for transition into a four-year Bachelor of Science degree program, for admission to professional schools requiring a minimum of two years of undergraduate studies, and for entry into the workforce in science-related fields.

Program Outcomes

1. Demonstrate competency in analytical methods.
2. Identify one's own strengths and weaknesses in relation to areas of study and future growth.
3. Develop basic scientific research projects using appropriate research methods and ethics.
4. Communicate scientific knowledge clearly and succinctly through oral, visual, and written formats to diverse audiences.
5. Demonstrate collaborative, independent, and inclusive attitudes and practices integrating multidisciplinary perspectives and approaches.
6. Demonstrate professional conduct in all aspects of individual and team-based work.
7. Describe creative solutions to problems that impact society by drawing from scientific theories.
8. Explain natural principles and phenomena using knowledge from the biological sciences, physical sciences, mathematics, humanities, and social sciences.
9. Recognize the place of Indigenous knowledge and perspectives in scientific study.

Program Content
Year One

Course Number	Title	Academic Credits
BIOL 1217	Introduction to Cell Biology	3
BIOL 1218	Evolution and Biological Diversity	3
CHEM 1211	General Chemistry I	3
CHEM 1212	General Chemistry II	3
ENGL 1219	Essay Composition and Critical Reading	3
MATH 1202	Introduction Calculus I	3
PHYS 1205	Introductory Physics I	3
STAT 1251	Introductory Statistics	3
XXX	Humanities Elective	3
XXX	Social Science Elective	3

Year 2

Course Number	Title	Academic Credits
BIOC 2393	Fundamentals of Biochemistry	3
CHEM 2351	Organic Chemistry I	3
SCIE 2101	Contemporary Issues in Science	3
XXX	Indigenous Studies Elective	3
XXX	Wellness Elective	3
Five (5) of:		
BIOL 2317	Molecular Genetics and Heredity	3
BIOL 2318	Principles of Ecology	3
BIOL 2301	Molecular Cell Biology	3
BIOL 2352	Animal Physiology	3
BIOL 2360	Principles of Microbiology	3
BIOL 2351	Anatomy of Vertebrates	3
BIOL 2370	Molecular Genetics	3

Transfer Features
The current ACAT articulation agreements will remain in place, providing our students the option to transfer out from RDP after one year of studies or after completion of the diploma program.

Admission Requirements

Students applying to the program must have a minimum average of 60% with no mark below 50% in Biology 30, Chemistry 30, ELA 30-1, and Mathematics 30-1.

Note: Students will be admitted to the University Sciences Diploma. Following Admission, students may, if they choose, declare a specialization (which will be noted on their transcripts). Students who do not declare or who do not meet the criteria for a specialization will receive the Diploma without specialization. Specializations can be declared in Year 1 or Year 2 prior to application for graduation.

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

Other Requirements

For international students requiring academic upgrading or missing equivalencies to the required courses, an alternative pathway will allow them to take necessary courses to satisfy the admission requirements while still completing the program within two years.

Graduation Requirements

General requirements:

- 60 course credits in university-transferable course work meeting progression requirements, as above, with at least 21 credits at the Senior Level (2000 or above)
- minimum cumulative GPA of 2.0 with a grade of at least "D" in each course (not that "D" grades may not transfer to all universities)
- students must meet RDP residency requirements

Specific credit requirements:

45 course credits in Science:

- 7 junior level courses (BIOL 1217, BIOL 1218, CHEM 1211, CHEM 2112, MATH 1202, PHYS 1205, STAT 1251)
- 3 senior level courses (BIOC 2393, CHEM 2351)
- 5 senior level BIOL courses

3 course credits in a Wellness Studies elective

3 course credits in an Indigenous Studies elective

9 course credits in Arts and Humanities:

- ENGL 1219
- Humanities elective
- Social Science elective

Note: Humanities electives can be selected from university-level courses in the following: Classics, English, History, Philosophy, specific Fine Arts (Acting, Creative Art, Drama, Music or Visual Art) or General Humanities.

Related Careers

The proposed diploma program will prepare graduates for several distinct paths. Following the completion of their diploma, students will be able to complete their studies in an undergraduate Bachelor of Science program, pursue admission into a professional program, or enter directly into the workforce. The biological sciences are integral to a variety of disciplines and lead to diverse career paths. As such, graduates with a University Science diploma program may pursue entry-level employment in numerous sectors: health, energy, agriculture, forestry, industry, and education.

The proposed diploma program may appeal to learners seeking an additional post-secondary credential. For example, secondary school teachers may be interested in this diploma to increase the courses they are able to instruct while employees in a variety of sectors may see a benefit to increasing their scientific knowledge.

University Transfer: Bachelor of Arts - Anthropology

Credential
Bachelor's Degree

Duration
2 years at RDP
2 years at most universities

Location
Main Campus

The Program

For a general discussion of the B.A. program, click here.

Anthropology is the study of humankind and the human experience from its beginnings to the present day. RDP special interests include Archaeology, Cultural and Biological Anthropology, Human Evolution, Latin American Ethnography, Anthropology of Technology, Ancient Civilizations, Ancient Mesoamerica and Central America.

Program Content

The below schedule is a general pattern that transfers to the University of Alberta and the University of Lethbridge. Check the Alberta Transfer Guide for transfer credit information.

Note: Contact the University of Calgary for their specific transfer requirements.

Suggested Year 1 Pattern

- ANTH 1200 & ANTH 1201 (6 credits)
- ENGL 1219 & ENGL 1220 (6 credits)
- Open Options (15 credits)
- Science Option (3 credits)

Suggested Year 2 Pattern

- Refer to Academic Advising Planning Guides.

University Transfer Program
RDP offers the first two years of the Bachelor of Arts program. For the most current university program and transfer information, see the Planning Guides.

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.

University Transfer: Bachelor of Arts - Communications Studies

Credential
Bachelor's Degree

Duration
2 years at RDP
2 years at most universities

Location
Main Campus

The Program
Communications Studies provides an awareness of the impact of media, understanding of research and practice involving media, and research and practice in discourse.

University Transfer Program
RDP offers the first two years of the Bachelor of Arts, Major in Communications Studies. For the most current university program and transfer information, see the Planning Guides.

Transfer Features
Visit the Bachelor of Arts page for transfer features.

Admission Requirements
Visit the Bachelor of Arts page for admission requirements.

University of Calgary
Students starting a BA in Communications Studies may transfer to the University of Calgary. Check the Alberta Transfer Guide for transfer credit information. Suggested Year 1 Pattern

- COMM 1271, COMM 2341 or 2369, & COMM 2375 or COMM 2383 (9 credits)
- ENGL 1219 & ENGL 1220 (6 credits)
- Open Options (12 credits)
- Science Option (3 credits)

Suggested Pattern Year 2
Refer to Academic Advising Planning Guides

Related Careers
A degree in Communications Studies provides students with skills and knowledge that can apply across a variety of professional situations, from the corporate world to the not-for-profit sector to academic institutions.
The following list provides some career areas that draw Communication Studies graduates for employment:

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

Graduates may also go on to professional studies (in fields such as law, business, education, etc.) or may continue to graduate studies (in a Master's or Doctoral program) in Communication Studies or another academic discipline such as Sociology or Women's Studies.

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

University Transfer: Bachelor of Arts - Economics

Credential
Bachelor's Degree

Duration
2 years at RDP
2 years at most universities

Location
Main Campus

The Program
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 analyze 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.

Program Content
The below schedule is a general pattern that transfers to the University of Alberta and the University of Lethbridge. Check the Alberta Transfer Guide for transfer credit information.

Note: Contact the University of Calgary for their specific transfer requirements.

Suggested Pattern Year 1

- ECON 1201 & ECON 1202 (6 credits)
- ENGL 1219 & ENGL 1220 (6 credits)
- MATH 1202 or 1203 (3 credits)
- Open Options (12 credits)
- Science Option (3 credits)

Suggested Pattern Year 2

Refer to Academic Advising Planning Guides.

University Transfer Program

RDP offers the first two years of the Bachelor of Arts program. For the most current university program and transfer information, see the Planning Guides.

Transfer Features
Visit the Bachelor of Arts page for transfer features.

Admission Requirements
Visit the Bachelor of Arts page for full admission requirements.

Math 30-1 is essential for success in pursuing a B.A. major in Economics. If you do not have Math 30-1, you may pursue the equivalent course during your first year at RDP. For further information, see an Academic Advisor.

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
- Commodities Broker
- 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.

University Transfer: Bachelor of Arts - English

Credential
Bachelor's Degree

Duration
2 years at RDP
2 years at most universities

Location
Main Campus

The Program
RDP 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.

Program Content
The below schedule is a general pattern that transfers to the University of Alberta and the University of Lethbridge. Check the Alberta Transfer Guide for transfer credit information.

Note: Contact the University of Calgary for their specific transfer requirements.

Suggested Year 1 Pattern

- ENGL 1219 & ENGL 1220 (6 credits)
- Open Options (21 credits)
- Science Option (3 credits)

Suggested Year 2 Pattern

Refer to Academic Advising Planning Guides.

University Transfer Program
RDP offers the first two years of the Bachelor of Arts program. For the most current university program and transfer information, see the Planning Guides.

Transfer Features
Visit the Bachelor of Arts page for transfer features.

Admission Requirements
Visit the Bachelor of Arts page for full admission requirements.

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.

University Transfer: Bachelor of Arts - General

Credential
Bachelor's Degree

Duration
2 years at RDP

Location
Main Campus

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 RDP are Anthropology, Communications, Economics, English, History Philosophy, Political Science, Psychology, and Sociology.

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.

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.

University Transfer Program
RDP offers the first two years of the Bachelor of Arts program. Students have the ability to transfer to a multitude of institutions after one or two years of study at Red Deer Polytechnic. For institutions within Alberta, transfer agreements exist and students can see how RDP courses transfer to specific universities using the Transfer Alberta website.

For students looking at transferring outside of Alberta, there are many possibilities. While no formal transfer agreements exist outside of Alberta, the Bachelor of Arts program is quite versatile and easily transferable.

Please contact the School of Arts & Sciences for more information regarding transferring to other institutions within Alberta or outside of the province.

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 30-1 and a 30-level Language Other than English highly recommended), with no more than one course from Group B

Note: Some universities require Math 30-1 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

OR

3. Successful completion of one year of a diploma program and Associate Dean approval.

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 majors or institutions
- this recommendation applies only to Bachelor of Arts majors available at RDP 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.

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

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 an RDP Diploma in University Transfer Studies.

Related Careers
Bachelor of Arts degrees are integral to and support a variety of disciplines and careers. As such, graduates play a critical role in contributing to Canada's knowledge-based economy across numerous sectors: health, human services, business, politics, industry and education. The following list of potential occupations for students pursuing a Bachelor of Arts reflects the broad range of possible careers for graduates of the program.

- Psychologist
- Lawyer
- Research and Analytics
- Roles in Municipal, Provincial and Federal Government
- Post-Secondary Professor
- Economist
- Human Resources
- Parole/Probation Officer
- Mental Health Counselor
- Rehabilitation Counselor
- Freelance Writer
- Author

University Transfer: Bachelor of Arts - History

Credential
Bachelor's Degree

Duration
2 years at RDP
2 years at most universities

Location
Main Campus

The Program
History is the analysis of the human past. Courses are offered in three main areas: Canadian, European and British. RDP 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.

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.

Program Content
The below schedule is a general pattern that transfers to the University of Alberta and the University of Lethbridge. Check the Alberta Transfer Guide for transfer credit information.

Note: Contact University of Calgary for their specific requirements.

Suggested Year 1 Pattern

- ENGL 1219/ENGL 1220 (6 credits)
- Any 2 of HIST 1207, HIST 1208, HIST 1209, CLAS 1209 (6 credits)
- Science requirement (3 credits)
- Options (15 credits)

Suggested Year 2 Pattern

Refer to Academic Advising Planning Guides.

University Transfer Program
RDP offers the first two years of these degree programs:

- Bachelor of Arts
- Bachelor of Arts (Honours)

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

Transfer Features
Visit the Bachelor of Arts page for transfer features.

Admission Requirements

Visit the Bachelor of Arts page for full admission requirements.

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.

University Transfer: Bachelor of Arts – Philosophy

Credential
Bachelor's Degree

Duration
2 years at RDP
2 years at most universities

Location
Main Campus

The Program

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.

Program Content
The below schedule is a general pattern that transfers to the University of Alberta and the University of Lethbridge. Check the Alberta Transfer Guide for transfer credit information.

Suggested Pattern Year 1

- ENGL 1219/ENGL 1220 (6 credits)
- PHIL 1201 (3 credits)
- PHIL 1202 (3 credits)
- Science requirement (3 credits)
- Open options (15 credits)

Suggested Year 2 Pattern

Refer to Academic Advising Planning Guides.

Note: Contact the University of Calgary for their specific transfer requirements.

University Transfer Program

RDP offers the first two years of the Bachelor of Arts program. For the most current university program and transfer information, see the Planning Guides.

Transfer Features

Visit the Bachelor of Arts page for transfer features.

Admission Requirements
Visit the Bachelor of Arts page for transfer features.

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.

University Transfer: Bachelor of Arts - Political Science

Credential
Bachelor's Degree

Duration
2 years at RDP
2 years at most universities

Location
Main Campus

The Program
Political Science is the study of politics and government, the location and use of power in society, and quests for human betterment.

Program Content
The below schedule is a general pattern that transfers to the University of Alberta and the University of Lethbridge. Check the Alberta Transfer Guide for transfer credit information.

Suggested Year 1 Pattern

- ENGL 219/ENGL 220 (6 credits)
- POLI 201/POLI 283 and/or POLI 223 (6-9 credits)
- Science requirement (3 credits)
- Open Options (12-15 credits)

Suggested Year 2 Pattern

Refer to Academic Advising Planning Guides.

Note: Contact the University of Calgary for their specific transfer requirements.

University Transfer Program
RDP offers the first two years of the Bachelor or Arts program. For the most current university program and transfer information, see the Planning Guides.

Transfer Features
Visit the Bachelor of Arts page for transfer features.

Admission Requirements

Visit the Bachelor of Arts page for full admission requirements.

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

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.

University Transfer: Bachelor of Arts - Psychology

Credential
Bachelor's Degree

Duration
2 years at RDP
2 years at most universities

Location
Main Campus

The Program
Psychology is the study of mental processes and behavior. RDP special interests include: memory and attention, social psychology, physiological psychology, and anomalous experiences.

Program Content
The below schedule is a general pattern that transfers to the University of Alberta and the University of Lethbridge. Check the Alberta Transfer Guide for transfer credit information.

Note: Contact the University of Calgary for their specific transfer requirements.

Suggested Year 1 Pattern

- ENGL 1219/ENGL 1220 (6 credits)
- PSYC 1260/PSYC 1261 (6 credits)
- Science requirement (3 credits)
- Options (15 credits)

Suggested Year 2 Pattern

Refer to Academic Advising Planning Guides.

Transfer Features
Visit the Bachelor of Arts page for transfer features.

Admission Requirements
Visit the Bachelor of Arts page for full admission requirements.

Please note that students who plan to transfer to either the UofC or UofA will require either Math 30-1 or Math 30-2 by the time they enter the second year of the program.

Related Careers
Visit the Bachelor of Arts page for full admission requirements.

Please note that students who plan to transfer to either the UofC or UofA will require either Math 30-1 or Math 30-2 by the time they enter the second year of the program.

University Transfer: Bachelor of Arts – Sociology

Credential
Bachelor's Degree

Duration
2 years at RDP
2 years at most universities

Location
Main Campus

The Program
Sociology is the study of the organization of society and how individuals make sense of their lives and experiences. As an academic discipline, Sociology provides powerful insights into why and how people organize themselves and behave as they do, at work and at play, in families, groups, communities, organizations, and societies. Special interests at RDP include demography, health and wellness, aging, mass media, and popular culture, gender, families, crime and justice, social stratification, poverty, and inequality.

Program Content
The below schedule is a general pattern that transfers to the University of Alberta and University of Lethbridge. Check the Alberta Transfer Guide for transfer credit information.

Note: Contact the University of Calgary for their specific transfer requirements.

Suggested Year 1 Pattern

- ENGL 1219/ENGL 1220 (6 credits)
- SOCI 1260/SOCI 1261 (6 credits)
- Science requirement (3 credits)
- Options (15 credits)

Note: students seeking admission to the UofA's Bachelor of Arts Criminology program should include PSYC 260/PSYC 261 and a Language other than English (RDP offers French courses) in the first year of their program. See the U of A BA Planning Guide for details.

Suggested Year 2 Pattern

Refer to Academic Advising Planning Guides.

University Transfer Program
RDP offers the first two years of the Bachelor of Arts program. Visit the Bachelor of Arts page for transfer features.

Transfer Features
Visit the Bachelor of Arts page for transfer features.

Admission Requirements
Visit the Bachelor of Arts page for admission requirements.

Related Careers
- Research
- Urban Planning
- Social Services
- Government and Civil Service
- Community Development
- Healthcare Services
- Advertising
- Administration
- Criminal Justice system
- Counselling
- Industrial Relations
- Public Relations
- Management
- Radio and Television
- Recreation
- Journalism
- Consulting

Graduates may also go on to professional studies (for example, in fields such as law, medicine, business, education, clinical therapy, 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, research, leadership motivation, and interpersonal skills, cross-cultural/cultural competency skills, observational and decision-making skills, and problem-solving skills.

University Transfer: Bachelor of Commerce

Credential
Bachelor's Degree

Duration
1 year at RDP + 3 years at U of C **OR**
2 years at RDP + 2 years at most universities

Location
Main Campus

The Program
Prepare for further studies in Business and Commerce with the University Transfer: Bachelor of Commerce program. This one-year transfer program will provide you with foundational skills and knowledge in business and economics, as well as meet pre-professional general liberal education requirements.

Many universities in Alberta and across Canada provide students with the opportunity to transfer into their 4-year business degree programs. At Red Deer Polytechnic, students may complete the first year of the undergraduate business degree programs offered at the University of Alberta, the University of Calgary, Athabasca University or other Canadian universities.

It is important to carefully follow the requirements for the program you are seeking to transfer to (consult an Academic Advisor and consult with the university you are seeking transfer to when selecting your courses). For course-by-course transfer agreements, please see the Transfer Alberta website.

Most universities have enrollment quotas. You must compete for admission. A GPA of 3.00 or higher is recommended.

Note: Students interested in completing a 4-year business degree at Red Deer Polytechnic should register in the Bachelor of Business Administration program.

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

Transfer Features
Most universities have enrollment quotas. You must compete for admission. A GPA of 3.00 or higher is recommended. For course by course transfer agreements, please see the Transfer Alberta website.

Admission Requirements

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

    1. ELA 30-1
    2. Math 30-1

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

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.

University of 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 of Courses Year 1:

- STAT 1251/BUS 3307 (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 of Courses 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.

Mount Royal University, Bissett School of Business, Bachelor of Business Administration (BBA)
Students who have completed 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 RDP.

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 RDP. See the BUSINESS ADMINISTRATION, BACHELOR - MOUNT ROYAL UNIVERSITY section of this calendar for further information.

Suggested Pattern of Courses Year 1:

- 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) *

Suggested Pattern of Courses Year 2:

- 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 RDP 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 RDP 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 **Bachelor of Business Administration - Mount Royal University** section of this calendar.

Students are reminded to seek advising from the MRU BBA Program Student Advisor at RDP 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 **Bachelor of Business Administration - Mount Royal University** section of this calendar.

Burman University
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.

Related Careers
Business graduates find employment in a variety of occupations and sectors including government, non-profit, and the private sector. To learn more about the employment outlook, average salary, and additional information about business related occupations refer to the Government of Alberta ALIS website.

University Transfer: Bachelor of Education

Credential
Bachelor's Degree

Duration
1 or 2 years at RDP

2 or 3 years at most universities

Location
Main Campus

The Program
Note: The Secondary specialization has been suspended from July 1, 2025 to June 30, 2028.

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. RDP offers up to two years (60 credits) of transferable coursework in 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.

Program Content UT

University Programs

Legend:

* Transfer after one year recommended.

** Transfer may be difficult at this time. Courses needed may not be available at RDP. 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 University of Lethbridge's 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

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

Elementary (Kindergarten to Grade 8)

Secondary (Grades 7-12)

Majors include:
- Art * **
- Biological Sciences
- Career & Technology Studies *   **
- Chemistry
- English Language Arts
- General Sciences
- Mathematics *
- Music - Wind Band *
- Physical Education
- Physical Sciences
- Physics *
- Social Studies

Minors include:

All major subjects above plus

- Drama
- Health Education

The University of Lethbridge

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

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 Education
- General Humanities - English Language Arts Education
- Geography - Social Studies Education *
- Kinesiology - Physical Education
- General Social Science - Physical Education
- General Social Science - Social Studies Education
- History - Social Studies Education*
- Political Science - Social Studies Education *
- Sociology - Social Studies Education

Degree - BFA/BEd

- Art - Art Education***

Degree - BFA/BEd

- Dramatic Arts - Drama Education***

Degree - BMgmt/BEd

- General Management - Career & Technology Studies: Business Focus

Degree - BMus/BEd

- Music - Music Education***

Degree - BSc/BEd
- Math - Mathematics Education*
- General Sciences - Mathematics Education*
- Biological Sciences - Science Education
- Chemistry - Science Education*
- General Sciences - Science Education*
- Geography - Science Education *

University Transfer Program

One-and Two-Year University Transfer Program:

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

Transfer Features

Red Deer Polytechnic 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 The University of Lethbridge programs may require transfer after one year if RDP 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 the University of Alberta and The University of Lethbridge are provided by the Red Deer Polytechnic 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 RDP

2. 4-Year Community-Based Pathway – up to two years (60 credits) of coursework may be available at RDP; 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

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

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

1. ELA 30-1

2. Subject from Group A,B or C

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

1. 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.

2. 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.

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:

1. a person who has been convicted for an indictable offense under the Criminal Code; or

2. 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 of Alberta

(Year 1 & 2)

Please note that these credits are U of A credits.

Elementary Route (60 credits)

- EDUC 250 (3 credits)
- 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 and or Open Options (9 credits)

Secondary Route (up to 60 credits)

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

University of Calgary

Please consult with the RDP School of Education Advising and Recruiting Specialist.

University of Lethbridge

Please note that these credits are U of L credits.

- 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 RDP 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 these programs, you should consult with the School of Education at Burman University.

Related Careers

- Secondary School Teacher
- Teacher in the kindergarten to grade 12 system
- Education Technology Developer
- Educational Counsellor
- Principal
- School Administrator

University Transfer: Bachelor of Education/Science Combined

Credential
Bachelor's Degree

Duration
1 year at RDP + 4 years at U of A **OR**
1-2 years at RDP + 4-3 years at U of L, based on science major

Location
Main Campus

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 Polytechnic offers up to two years of these programs.

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

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

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

University Transfer Program
One-and Two-Year University Transfer Program:
For the most current university program and transfer information, see the Planning Guides in Academic Advising.

Transfer Features

You may transfer up to 60 credits taken at Red Deer Polytechnic to the university of your choice. Some routes and majors may require transfer after one year if Red Deer Polytechnic 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 Transfer 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 Polytechnic 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 Polytechnic can assist you in this process.

Admission Requirements
Related Link: Admission requirements for specific programs will often refer to Alberta Grade 12 course groups. Visit the Admissions page for detailed group descriptions.

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

1. ELA 30-1
2. Mathematics 30-1
3. Biology 30
4. Chemistry 30
5. Subject from Group A, B, or C (Physics 30 recommended)

OR

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:

1. ELA 30-1
2. Mathematics 30-1
3. Biology 30
4. Chemistry 30

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

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.

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.

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 University of Lethbridge Bachelor of Education Combined Degree Program as outlined in the Bachelor of Education section of this Calendar.

Related Careers

- Secondary School Teacher with a focus in science
- Teacher in the kindergarten to grade 12 system
- Corporate Trainer
- Recreation Director
- Principal

- School Administrator

University Transfer: Bachelor of Fine Art

Credential
Bachelor's Degree

Duration
2 years at RDP - 2 years at most universities & art colleges

Location
Main Campus

The Program
All of our Visual Arts 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.

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.

Program Content
Suggested Pattern Year 1

- ART 1101/1101 Visiting Artists
- ART 1201/1203 Art History I and II
- ART 1231/1233 Visual Fundamentals I & II
- ART 1241/1243 Drawing I and II
- ART 1251 Two Dimensional Studies - Painting I
- ART 1261 Three Dimensional Studies - Ceramics I
- ART 1281 Three Dimensional Studies- Sculpture I
- English One term course at the 200 level

Suggested Pattern Year 2

- ART 1101/1101 Visiting Artists
- ART 2310/2311 Professional Practice I and II
- ART 2341/2343 Drawing III and IV
- One term academic option
- English One term course at the 200 level

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

Two studio electives from the following:

- ART 2351/2353 Painting II and III
- ART 2361/2363 Ceramics II and III
- ART 2381/2383 Sculpture II and III

Program Content UT
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.

University Transfer Program
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.

Transfer Features
You may transfer up to 20 course equivalents taken at RDP 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
Related Link: Admission requirements for specific programs will often refer to Alberta Grade 12 course groups. Visit the Admissions page for detailed group descriptions.

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

1. ELA 30-1 or ELA 30-2
2. Subject from Group A, B, or C

Note: Students who enter the program with English 30-2 must take English 30-1 or the equivalent (English 095) and may not complete the program in four terms. English 095 is not credited towards diploma requirements as it is equivalent to high school English 30-1.

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

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.

Related Careers

- Studio artist
- Illustrator
- Exhibit designer
- Curator
- Photographer
- Historian
- Ceramicist
- Art Educator
- Advertiser
- Architect
- Designer (product, costume, set, textile, industrial, graphic, lighting, environmental, etc.)
- Instructor
- Special effects artist

University Transfer: Bachelor of Science – Engineering

Credential
Bachelor's Degree

Duration
1 year at RDP - 3 years at U of A

Location
Main Campus

The Program
The first year of studies at RDP 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.

Program Content
Please contact the Donald School of Business, Science, and Computing if interested in transferring to an institution other than the University of Alberta.

University Transfer Program
The program is based on the first year of Engineering at the University of Alberta, and is designed to transfer in full to the U of A. However, the program has transferability to many other Canadian institutions. Please contact the Donald School of Business, Science and Computing if interested in transferring to an institution other than the University of Alberta.

Transfer Features
The courses in this program can be transferred in full to University of Alberta; some classes taken in the first year are also transferable to University of Calgary, and other institutions outside of Alberta (if you decide to transfer out-of-province, you'll need to be in contact with the institution you plan to attend). 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

Minimum average of 65%:

With no mark below 60% in:

1. Math 30-1*
2. Math 31*

And no mark below 50% in:

1. Chemistry 30
2. ELA 30-1
3. Physics 30

Note: Students with a grade of 60-79% in Math 30-1 and/or Math 31 must complete the mandatory Math preparation course offered, normally during the last week of August, by RDP prior to commencement of the program.

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

Note: Due to the high level of demand, the University of Alberta (UoA) gives priority to applicants who have no previous post-secondary university transfer credit prior to completing first-year engineering courses. If, for example, you have completed all or a portion of one year in another university transfer program (typically science) you will be assessed a GPA penalty for not having a full load of engineering courses making program transfer to the UoA difficult. Please contact Advising for further information or contact the UoA directly.

University of Alberta
(Please note these credits are U of A credits.)

- CHEM 203/CHEM 205 (4.3+3.8 credits)
- ENCP 200 (3.8 credits)
- ENGG 200 (1 credit)
- ENGG 203 (1 credit)
- ENGG 230 (4 credits)
- ENGL 212 (3 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)

Related Careers

- Mechanical Engineer
- Civil Engineer

- Biomedical Engineer
- Computer/Software Engineer
- Electrical Engineer
- Environmental Engineer
- Petroleum Engineer
- Chemical Engineer
- Mining Engineer
- Materials Engineer
- Aviation/Aerospace Engineer

Career and Life Skills:
- Data Analysis and Scientific Reasoning
- Numeracy
- Computer Programming
- Project Management/Organization
- Skills in Field Research and Laboratory Research
- Qualitative and Quantitative Research
- Leadership
- Communicating complex scientific reasoning and data to public
- Ability to influence improvements to society through personal, structural, or health related advancements
- Innovation
- Resilience and Self-Discipline
- Problem Solving
- Argumentation
- Critical Reasoning
- Communication and Active Listening
- Information Literacy

Visual Art Diploma

Credential
Diploma

Duration
2 years

Location
Main Campus

The Program
All of your 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 as well as allowing you to experience open options to broaden your education.

Program Content
First year:

- ART 1101 Visiting Artists
- ART 1201/ART 1203 Art History I and II
- ART 1231 Visual Fundamentals 2D
- ART 1233 Visual Fundamentals 3D
- ART 1241/ART 1243 Drawing I and II
- ART 1251 Painting I
- ART 1261 Ceramics I
- ART 1281 Sculpture I
- One 3 credit elective from the following: COMM 1210, COMM 1150, ENGL (2000 level)

Second year:

- ART 1101 Visiting Artists

- ART 2312 Professional Development for Visual Artists
- ART 2341/ART 2343 Drawing III and IV
- One 3 credit elective
- One of the following courses: CREA 1110, COMM 1250, or ENGL (2000 level)
- Two 3 credit university transfer level courses (preferably 3000 level Art History)

Two electives from the following full-year studio courses:

- ART 2351/ART 2353 Painting II and III
- ART 2361/ART 2363 Ceramics II and III
- ART 2381/ART 2383 Sculpture II and III
- ART 2391/ART 2393 Contemporary 2D Strategies and Technologies I & II

Transfer Features
You may transfer up to 20 course equivalents taken at Red Deer Polytechnic 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 program is also transferable to most other Canadian universities and art colleges.

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

Admission Requirements

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

OR

A minimum score of 250 on the Reading component, 250 on the Writing component and 5 on the WritePlacer Test.

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

Graduation Requirements
Students must pass all courses (25 courses, 65 credits) as specified in the Program Content section of the Academic Calendar, and achieve a minimum cumulative GPA of 2.00 for the program.

Related Careers

- Studio artist
- Illustrator

- Exhibit designer
- Curator
- Photographer
- Historian
- Art Educator
- Ceramicist
- Advertiser
- Architect
- Designer (product, costume, set, textile, industrial, graphic, lighting, environmental, etc.)
- Instructor
- Special effects artist

Water Well Driller Apprenticeship

Credential
Alberta Journeyman Certificate

Duration
2 years; 6 weeks at RDP + minimum 1,800 hours on-the-job training each year

Location
Main Campus

Fees
For fee information, visit [Alberta Apprenticeship and Industry Training](#).

Training
Red Deer Polytechnic offers the Water Well Driller program, one of the many apprenticeship training options available for students. Apprenticeship is a career option that involves both classroom and on-the-job training. To learn the skills required of a Water Well Driller in Alberta and to be issued an Alberta Journeyman Certificate, a person must find a suitable employer who is willing to hire and train an apprentice. For more information, please visit [Alberta Apprenticeship and Industry Training](#).

The term of apprenticeship for Water Well Driller is two years (two 12-month periods), including a minimum of 1,800 hours of on-the-job training and six weeks of technical training each year.

Continue Your Learning
If you have a valid Alberta Journeyman Certificate, you are eligible to receive a Blue Seal business credential after completing the necessary requirements.

Employment Opportunities
Most Water Well Drillers are self-employed or employed by water well drilling companies. Many water well drilling operations are family-run businesses. Water Well Drillers work outdoors and usually travel to various work sites. The demand for water well drilling services slows down somewhat in the winter. During that time, Water Well Drillers may find employment with construction companies, maintain and upgrade their equipment, or work with water purification and water pumping systems. The work is strenuous, noisy and dirty. Hours of work vary because some jobs must continue non-stop until completion. There is some risk of injury involved in working with power equipment.

Related Careers

- Water Well Driller
- Driller
- Journeyperson
- Strong possibility of business ownership

Welder Apprenticeship

Credential
Alberta Journeyperson Certificate

Duration
3 years (three 12-month periods) including a minimum of 1560 hours of on the job training and 8 weeks of classroom instruction (240 hours) in each of 3 years.

Location
Main Campus

Fees
For fee information, visit [Red Deer Polytechnic Welder Apprenticeship Program Costs page](#).

The Program
The classroom instruction component of the Welder Apprenticeship training program at RDP involves traditional classroom theory delivery (may include blended learning), a variety of digital learning tools, various quizzes, examinations, and applied practical hands-on shop training.

Welders join or sever metals in beams, girders, vessels, piping, and other metal components; make metal parts used in construction and manufacturing plants; and weld parts, tools, machines, and equipment. Welding usually involves applying heat to metal pieces to melt and fuse them together. Electric arc welding creates heat as electric current flow through an arc between the tip of the welding electrode and the metal. Gas welding (oxyacetylene) melts metal using combustion from burning gases. Arc and gas welding use melted filler materials to fill the joint for added strength. Resistance welding melts the material itself as current flows through it without any filler material. Welders use different welding processes and fillers depending on material type, its size, shape, and requirements for finished product strength. For a typical welding project, they:
- develop patterns for projects or follow directions given in layouts, blueprints, and work orders,
- clean, check for defects and shape component parts, sometimes using a cutting torch,
- weld parts together.

Apprentices are expected to demonstrate progress in their apprenticeship program within 18 months by engaging in an activity that will lead to the completion of a period of the program.

Admission Requirements
Apprenticeship and Industry Training (AIT) Entrance Requirements Recommended Path:
- ELA 30-2
- Math 30-3
- Physics 20 or Chem 20 or Science 20
- Related CTS courses

OR
Minimum Requirements:
- ELA 10-2
- Math 10-3

OR
A pass on all five Canadian GED tests
OR
Successful completion of AIT's entrance exam

Other Requirements
To learn the skills required of a Welder in Alberta and to be issued an Alberta Journeyman Certificate, a person must find a suitable industry employer who is willing to hire, sponsor, and train an apprentice. For more information, please visit the Alberta Apprenticeship Industry Training – Welder webpage.

Graduation Requirements
Journeyperson Certificate is based on accumulated work experience and successful technical training outcomes.

Continue Your Learning
Apprentices may attempt the Interprovincial Exam in the final period of their apprenticeship training and, if successful, be granted a Red Seal Endorsement.

Upon successful completion of the apprenticeship program, apprentice will receive a journeyperson certificate and an AIT educational credential (Diploma).

Related Careers
Applicants with an Alberta or recognized trade certificate in one of the following trades may be eligible for credit towards their apprenticeship or Trades Qualifier program requirements.
- Boilermaker
- Metal Fabricator (Fitter)
- Steamfitter-Pipefitter
- Welder-Wire Process Operator