



PORTAGE
COLLEGE

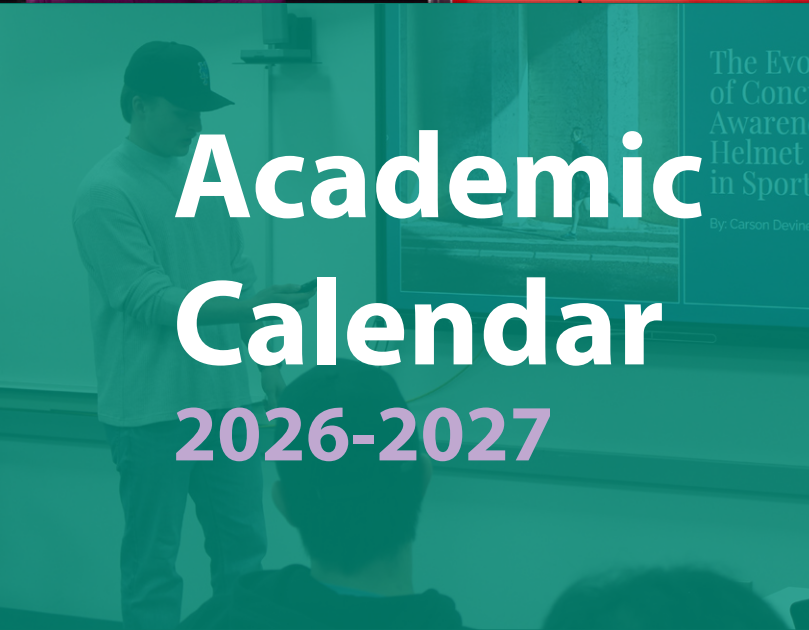


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Academic Policies and Procedures

Student Policies

Please be advised that these guidelines, policies and agreements outline Portage College rules and regulations based on registered students being 18 years of age or older. It is the student's responsibility to follow provincial regulations and bylaws. Failure to do so will result in penalties as determined by the provincial regulation and/or bylaw.

All students who are less than 18 years of age must adhere to all standard provincial regulations and bylaws. For example, underage smoking and drinking is not allowed at anytime, anywhere on Portage College property.

Login to your Portage College account. Navigate to Moodle, select the Home at the top of the page, and click on the Student Guidelines button to review our complete policies.

Academic Policies

Academic Dishonesty

Students will risk an accusation of academic dishonesty if they do any of the following:

- Fabrication: falsifying data, information or citations in academic assignments.
- Deception: providing false information to an instructor concerning an academic assignment (e.g. giving a false excuse for missing a deadline, falsely claiming to have submitted work or falsely submitting someone else's work as their own).
- Bribery: giving assignment answers or test with or without payment.
- Impersonation: assuming a student's identity with the intent to advantage the student.
- Sabotage: intentionally interfering to prevent others from completing their work (e.g. intentionally disrupting experiments of others, cutting pages out of library books).
- Violation of assignment protocol (e.g. re-submitting a previous assignment after being instructed not to).

Students will be held accountable for any form of academic dishonesty, and incidents will be dealt with by program coordinators.

Exam Integrity

Students will risk an accusation of academic dishonesty if they cheat on an exam or display any behaviour that deviates from instructions on an exam sheet. Cheating can take the form of crib notes, use of technology or any items when prohibited, using or sharing answers from a classmate's exam or any forbidden sharing of information between students that violates the established rules governing the administration of the exam.

Plagiarism

The Canadian Oxford English Dictionary defines "plagiarize" in the following way: "1. Take and use (the thoughts, writings, inventions, etc. of another person) as one's own; 2. Pass off the thoughts etc. of (another person) as one's own."

Students will risk an accusation of plagiarism and/or self-plagiarism if they do any of the following:

- Use words written by another person as if they were their own without providing appropriate documentation and/or citation.
- Use, in whole or in part, re-stated or verbatim, of any words or ideas, clever or astute phrase written by someone else without acknowledging and referencing that source.
- Reproduce the substance or structure of another person's work or argument without providing appropriate documentation or citation.
- Submit the same assignment or partial assignment to two instructors without written permission from both instructors and without proper referencing.
- Download work from any source, whether it be the Internet, a database, a catalogue, other electronic form of storage or retrieval, print-based, lecture, television or radio transmission, film or streaming video without acknowledging and referencing that source.

Instructors can investigate any essay or assignment they suspect might contain plagiarized material using any of the resources available at the College including plagiarism detection software and may engage the assistance of other faculty members or administrators in their investigation.

Academic Misconduct

Each student, through the process of application and registration with the College, agrees to abide by the policies, guidelines and regulations of the College regarding his/her academic and non-academic conduct. Students are expected to familiarize themselves with all matters relating to the College's standards of conduct.

Academic Misconduct is defined as "any improper behaviours/attitude affecting a student's continuing participation in a program of study" displayed in the classroom environment (virtual or face-to-face), while on field placement or work experience arrangements, or during any College function. It includes, but is not limited to, the following:

Interfering with the studies or other legitimate activities of students or staff (such interference may include acts of harassment or discrimination towards students, staff or patrons of Portage College);
 Unethical, illicit, indecent, or otherwise inappropriate use of computer and internal resources;
 Cheating, plagiarism, fraud, deceit or other forms of academic dishonesty; and failing to maintain acceptable progress in the program of studies (e.g. inability to complete assignments within the required timelines, placement difficulties).

Breaches in academic conduct may result in disciplinary action. A substantial breach of academic conduct is any behaviour that intentionally or unintentionally jeopardizes the integrity of academic endeavor, or creates a safety hazard, or threatens or endangers the student or others. Such conduct may result in immediate suspension and/or withdrawal from the College programs.

Advanced Credit or Transfer Credit

Portage College will consider granting advanced course credit to students who have successfully completed recognized course work at a post-secondary institution, or who can demonstrate learning based on information educational experiences.

At the time of application – Advisors will grant Advanced Credit to students who have taken courses at institutions with which Portage College has an Alberta Council on Admissions and Transfer (ACAT) Agreement.

If NO Advanced Council on Admissions and Transfer (ACAT) agreement exists:

Requests for advanced course credit or assessment of prior learning should be made in writing to the registrar and must be accompanied by official transcripts or appropriate documentation when applying to the College. Fees for this service vary.

Since tuition fees are assessed by program, students will not be refunded fees for courses for which they have received advanced or transfer credit. Contact the Registrar's Office at 780-623-5551 for more information.

Changing Courses

Course additions after 10% of the course length will normally not be allowed. Changes in enrolment (drops or withdrawals) prior to 10% of the course length will have no record of the course enrolment on the transcript. To change courses, a student, in consultation with his/her Program Coordinator and Student Advisor, must complete a "Course Change/Student Withdrawal" form and submit it to the Registrar's Office.

Completions Timeline

Students must complete the requirements for graduation within three (3) years of commencing a certificate program and within five (5) academic years of commencing a diploma program. Exceptions for career program completion may be granted by the Program Coordinator on a case-by-case basis. A re-assessment of competency skills may be required in these cases.

Course Withdrawal

A student withdrawal up to and including 10% of the course length will result in no record of the course enrolment on the transcript. A withdrawal greater than 10% but less than or equal to 95% of the course length will result in "W" (withdrawal) grade on the transcript.

Criminal Record/Background Check

Certain programs offered by the College include placements or work experience for students. This learning takes place within community institutions, agencies or health regions. Many of these organizations, either for statutory reasons (e.g. Protection of Persons in Care Act) or for policy reasons, require criminal record or other background checks for students who will have access to their clients and place of business. It is the responsibility of the student to obtain, at the student's expense, the necessary checks and provide the document(s) to a student advisor prior to registration. Any information received by the College will be protected from disclosure in accordance with the Freedom of Information and Privacy Protection Act. Criminal record checks are usually obtained from the local police agency where the student normally resides.

It is the decision of each agency designated as a placement site to accept or reject a student for placement based upon the results of a criminal record and/or other background check. The College will not be responsible for providing an alternate placement location. Since both completion of program requirements and eventual employment in the field of study may be dependent upon results of criminal record and/or other background checks, the College is not responsible for students with unclear records, if they are unable to complete program requirements, obtain employment, obtain professional licensing or become members of professional associations. Students who have concerns should discuss the matter with a student advisor.

Financial Obligations

All financial obligations to the College must be met before transcripts will be released to the student or third party. The College may withhold services to students who have outstanding accounts.

Tuition refunds are calculated based on the official date of withdrawal from Portage College. Universal/Instructional Fees (Tuition)

- For a non-registered student (no show) — full refund.
- When the College cancels an offering — full refund.
- Within the first 8 calendar days of the program/course start date — full refund.
- Student attends up to 20% of the course or program — 75% refund.
- Student attends over 20% of course or program — no refund.

- Refunds to Advanced Education for Alberta Supports (formerly Alberta Works)
- Programs are in accordance with College Policy.

Apprenticeship and Oversubscribed Programs

- Tuition deposit is non-refundable.
- Cancel one business day or more before tuition deposit due date — full refund.
- Less than one business day cancellation or no show — no refund.

Continuing Education Course and Programs

No refund is issued beyond the course cancellation or registration date, as advertised by the College unless the offering is cancelled by the College.

Universal Non-Instructional Support Fees (Recreation Fee)

- For a non-registered student (no show) — full refund.
- When the College cancels an offering — full refund.
- Within the first 8 calendar days of the program/course start date — full refund.
- After 8 calendar days — no refund.

Application Fee

Once a student is past the “Applied” state in our Student Records system, no refunds are given.

Fees for other services offered at the College (such as books and housing) are based on student utilization, and refunds vary depending on service and circumstance.

Program Withdrawal

Should a student decide to withdraw from a program for any reason whatsoever, the student must notify the Instructor, Program Coordinator, Advisor, or Counsellor.

Failure to complete the clearance procedure or return books and materials can result in the withholding of the transcript, certificate, and/or diploma. Depending upon when the student withdraws, grades of “W” (withdrawal) may be assigned in the courses, and a refund may apply.

A student may be required to withdraw by the College due to lack of student achievement, unacceptable conduct and/or poor attendance. A student who is required to withdraw has the option of appealing this decision. Notice to Appeal forms are available from the Registrar’s Office or Counselling.

Release of Transcripts

The Registrar’s Office will release official transcripts only upon request by the student. Students are required to sign a Transcript Request Form and pay \$10 per copy requested before transcripts will be issued. Current students are not required to pay the fee. The Transcript Request Form is available on the College website.

Requirements for Certification

Each program outlines the requirements for certification and all students will be advised of the requirements at the start of the program. Students must complete all requirements to obtain a certificate or diploma.

Residency Requirements

There is normally a 25% residency requirement. The registrar will determine the condition of any student’s admission/readmission and the advanced credit or transfer credit to be granted ensuring that the integrity of the College’s program and certification processes are maintained.

Student Achievement

- Students will receive regular evaluations of their academic progress from course instructors.
- Students will be informed, at the beginning of the course, of the evaluation practices that apply to the course.
- Students can expect that results of marked/graded work will be returned to them promptly.
- Although not all course work must necessarily be returned to students, student access and review of results will be assured for a period of 90 days from course completion date.
- Evaluations will consider all aspects of the learning process, including assignments, tests, evaluations, participation, shop/lab work, reports, projects, and work placements, as are appropriate to the course.
- Evaluation results will be recorded on progress. Progress reports may be discussed with the student and will normally be signed by the student.
- Final grades are recorded on the progress report, indicating the grade is Copies of the progress reports are given to the students.
- Unacceptable academic standing by a student in a program or course may result in disciplinary action. Satisfactory standing is pre-defined on a program-by-program basis.

The decision to take disciplinary action and place a student on academic warning/probation or to dismiss the student from a program is made on a case-by-case basis considering all relevant factors.

Evaluation and Grades

Certification with Distinction

Students completing career programs with distinction will receive their certification marked “With Distinction” and the official transcript will indicate “Passed with Distinction”. Certification with Distinction is awarded to those students in Career programs who achieve a program cumulative grade point average of 3.7 or higher with no course grades below 3.0.

Dean’s Honour Roll

Students completing programs with honours will receive certification marked “with honours” and the official transcript will indicate “parchment granted with honours”. Certification with Honours is awarded to students who achieve a program cumulative grade point average of 3.3 or greater (or a weighted average of 80% or greater).

Grading System

The 4.0 Letter Grading Scale is used for career programs (University Studies, Pre-Hospital and Health, Business, Human Services, Native Arts and Culture, and Technical programs).

Academics for Careers and Education, and Apprenticeship Trades programs use a Numeric Grading Scale. The Numeric Scale is based on percentage. Grades are shown by percentage (e.g. 75%). Additional course grading codes as defined below may be assigned in place of the letter or numeric mark.

“AU” Audit

The grade assigned when a student has attended and participated in a class but has not been evaluated in any way. A grade of “AU” is not used in calculating a grade point average.

“CR” Advanced Standing Credit

The grade assigned when the course requirements have been completed through Prior Learning Assessment and Recognition. “CR” is not an acceptable letter code for university transfer courses. A grade of “CR” is not used in calculating a grade point average.

“IN” Incomplete

A temporary grade assigned when a student fails to finish a course by the course’s normal completion date. After 30 days (90 days for practicum courses), “IN” is replaced by the grade earned, or by an “F”. A grade of “IN” is not used in calculating a grade point average.

“IP” In Progress

The grade assigned to indicate that the course is not officially over when the transcript is prepared. After the prescribed end date of the program, “IP” is replaced by the grade earned or appropriate code. A grade of “IP” is not used in calculating a grade point average.

“W” Withdrawal

Withdrawal after 10% of the course length, and up to and including the 95% point, will result in the course being shown as “W” (withdrawal) on the transcript.

“P” Pass

In approved courses where a pass/fail grading system is justified, Pass may be used. A grade of “P” is not used in calculating a grade point average.

“F” Failure

In approved courses where a pass/fail grading system is justified, Failure may be used. A grade of “F*” is not used in calculating a grade point average. In approved courses with letter grade when an “F” is received a grade point of zero (0.0) is used in the grade point average calculation.

“COM” Complete

In approved courses where a complete/incomplete grading system is justified, complete may be used. A grade of “COM” is not used in calculating a grade point average.

“I” Incomplete

In approved courses where a complete/incomplete grading system is justified, incomplete may be used. A grade of “I” is not used in calculating a grade point average.

“RW” Required to Withdraw

Suspension from a course. No credit earned. A grade of “RW” is used in calculating a grade point average with a point weighting of zero (0.0).

“RWA” Required to Withdraw

Suspension from a course due to academic offense. No credit earned. A grade of “RWA” is used in calculating a grade point average with a point weighting of zero (0.0). Students will be informed, in writing, of the specific grading scale(s) used in a program and the progression/passing standards of their program.

Grade Point Average (GPA)

The grade point average (GPA) measure achievement in credit courses, and is calculated as follows:

$$\text{GPA} = \text{Total Grade Points} \div \text{Total Credits}$$

Each course is assigned a credit value based on the course hours.

Step 1: Multiply the number of credits by the grade points received for each course.

Step 2: Total the grade point value for each course.

Step 3: Divide the total grade point value by the total number of credits.

Repeated Courses

Credit for highest grade is calculated in the cumulative grade point average.

Supplemental Grades

Grade on supplemental is awarded, indicated on transcript and included in the grade point average.

Challenge Grades

Grade on challenge is awarded, indicated on transcript and included in the grade point average.

Repeated Courses

Credit for highest grade is calculated in the cumulative grade point average.

Supplemental Grades

Grade on supplemental is awarded, indicated on transcript and included in the grade point average.

Challenge Grades

Grade on challenge is awarded, indicated on transcript and included in the grade point average.

Progression

Progression to the next semester or year of study is dependent upon demonstrating acceptable achievement. Each program area determines acceptable achievement and progression requirements. Students are informed, in writing, of specific mark scale(s) and progression/passing standards by the Program Coordinator during student orientation. If you have questions, please contact the Program Coordinator or a Student Advisor.

Student Progress

Student progress is closely linked to student commitment and engagement with the learning process. For students to succeed academically and to receive the full benefit of their learning situation, students are expected to involve themselves and participate fully in the process of their educational program. It is the student's responsibility to inform their program coordinator in advance of planned absences or in a timely manner for any unforeseen absences. Appropriate documentation regarding absences may be required.

Health, Safety, and Security

Cold/Inclement Weather

College campuses will remain open, and classes will run during cold/inclement weather in accordance with the standard hours of operation unless closure is declared by the president. The College will only be closed in the event of a public safety/health matter. Students are encouraged to use judgment to ensure safety during cold/inclement weather.

Discrimination and Harassment

Portage College is committed to providing its students and employees a learning and work environment that ensures an atmosphere of mutual respect. Harassment is any unwelcome and unwanted behaviour that degrades, demeans, humiliates, excludes, isolates or embarrasses a person or group that a reasonable person would have known to be unwelcome and unwanted. It does not matter whether the harasser intended to offend the other person. Harassing behaviours

may include malicious or intimidating gestures or actions, threats, bullying, coercion, verbal assault, taunting or ostracizing, threatened or actual physical assault, insults, derogatory comments, rudeness, gossip and slander. It may be a single significant incident, or it may be a series or pattern of behaviours persisting over time. Examples of harassment include: written or verbal abuse or threats; displays of racist or other offensive or derogatory materials; practical jokes that embarrass or insult someone; bullying; offensive gestures; unwelcome physical contact; intimidating, patronizing or condescending behaviour; humiliating an individual in front of co-workers or their peers; vandalism of personal property; physical assault; and the use of electronic methods including texting, blogging or use of social networks in a derogatory manner.

When a student experiences harassment, it is important to:

- Identify this to the person who is committing the unwanted behaviour. They may not realize their behaviour is a problem, and they need to be informed that it is unwanted and inappropriate.
- Report the concern to the Vice President of Student Services, an instructor, coordinator, or counsellor (whoever you feel comfortable with).

Portage College is committed to prompt action to protect the rights of students and staff, as harassing behaviour is not acceptable.

Smoking

Portage College promotes a healthy learning environment. All Portage College campuses are smoke free environments. Smoking is only allowed in designated areas.

Cannabis Use

Students are responsible to ensure they are fit to learn. Any impairment and/or inappropriate conduct will be addressed through the college's Student Misconduct Guidelines. Impairment can be under the influence of alcohol, cannabis or any other substances. Be aware of workplace and practicum drug policies. Smoke can impact the healthy environment and safety of others. Impairment can impact the healthy environment, the safety of others as well as one's success. Community standards will respect the rights of all of us and one individual's or group's decision should not interfere with the rights of others. Each campus in different communities have differing bylaws and legislation that can apply. Before using cannabis at any location please ensure you are following all Portage College guidelines, county or city bylaws, and federal legislation.

Students Rights and Responsibilities

Accommodation of Student Religious Observance

Portage College recognizes that a student's religious observance may require an absence from required course activity as scheduled in the course outline or course activities scheduled after the first day of class or from an examination scheduled later in the term. The sincerity of a student's religious belief is accepted at face value and will be respected, though accommodation of all requests may not be possible in every circumstance.

Students should notify their instructor or program coordinator in writing as soon as possible in advance of the required day(s) of observance, based on the following expectations:

- For required activities scheduled in the course outline (including practicums), available and/or distributed by the first class — request will be made within the first week of classes;
- For required activities scheduled after the course outline is distributed — request will be made within five (5) business days of the distribution of the schedule; and
- For an examination — requests will be made within five (5) business days of the publication of the examination schedule

The instructor and the student will consult to reach agreement on a reasonable accommodation. When making arrangements, the Instructor and the student must ensure that academic progress is not negatively impacted and academic obligations can be met.

Cell Phone Use

Rules on cell phone use in class vary from program to program. Please familiarize yourself with your program's guidelines and be respectful of them.

Computer Use

Students are encouraged to make full use of computer equipment in teaching labs, classrooms, campus libraries, and public areas. Students are expected to use privileges responsibly to maintain a safe, healthy and comfortable environment for everyone. Students accept a computer use agreement prior to being granted access. Any misconduct regarding computer use will be treated as misconduct.

Non-Academic Misconduct

Each student, through the process of application and registration with the College, agrees to abide by the policies, guidelines and regulations of the College regarding his/her academic and non-academic conduct. Students are expected to familiarize themselves with all matters relating to the College's standards of conduct.

Non-Academic Misconduct is defined as "any improper behaviour not normally associated with the student's academic endeavours, occurring on College property or at a Portage College sponsored event", and includes but is not limited to:

- Subjecting any staff member, student or other person to abusive language, physical danger or threat;
- Acts of discrimination or harassment towards other students, staff or patrons of Portage College;
- Removing College property without authorization or willfully damaging College property;
- Neglecting safety procedures /practices, or creating safety hazards;
- Intoxication from or possession of alcohol or illegal drugs;

- Engaging in illegal activities of any nature on Portage College property;
- Failing to settle outstanding fees or accounts;
- Failing to abide by the established rules of service providers (e.g. Housing, property owners of buildings or space leased by the College).

A substantial breach of conduct is defined as: "any behaviour which creates a safety hazard or threatens or endangers other persons and takes place on Portage College property."

In cases of substantial breach of conduct, the offender may be immediately suspended/withdrawn from the program of studies, removed from Portage College property or other sanctions as deemed appropriate to the severity of the misconduct, and may include withdrawal of services. All other disciplinary action protocols may be waived.

Name or Address Change

Because of the need for the College staff to communicate with students on a wide variety of matters, every student should ensure that his/her address, telephone number and email are up to date. Any changes in these must be reported immediately to the Program Coordinator or the Registrar's Office.

Change of address, telephone number, or email as an excuse for not receiving communications is unacceptable to the College.

Online Social Networking

Students have rights and responsibilities associated with any form of communication or interaction, online or offline. Although cyberspace seems impersonal, students are still responsible for treating others with respect and decency.

Facebook policy itself bars posting "harmful, threatening, abusive, harassing, vulgar, obscene, hateful or racially, ethnically, or otherwise objectionable" material on the site (view the Facebook Community Standards at <https://www.facebook.com/communitystandards>). Any inappropriate conduct on social media will be considered misconduct.

Return of Materials

Any Portage College property such as library books, classroom materials, recreation equipment, shop equipment, and smocks must be returned to the College upon termination or completion of a program. If the loaned material is lost or not returned, the student will be charged for the cost of the material.

Student Appeals

The student has the right to appeal disciplinary action and is entitled to just and equitable treatment.

Appeals are conducted to ensure that an individual's rights are upheld within the College's policies, guidelines, and procedures. Appeals are not intended to create new guidelines or exemptions.

Prior to an Appeal

First, all other means of resolving the issue(s) should be taken. This includes discussion toward resolution between the student and staff member directly involved, and between the student and supervisory staff in the area of concern.

Throughout this process, students and staff are encouraged to seek third party advisement, such as counsellors, to clarify issues and to help seek resolution.

- "Cool down" before initiating the appeal so that you can study your rights, responsibilities and (See Appeal Procedure and Student Grievance for the number of working days allowed when filing an appeal/grievance.)
- You have the right to appeal even if it appears you do not have a good case.
- Not every frustration of student life can or should become the object of an appeal.
- Look at the weaknesses and strengths of your argument so that you can handle questions in a convincing way.
- Always talk to the party who originally made the decision.
- Do not use abusive language when talking about the personality or character of the group/person being challenged.

It is better to avoid having to submit an appeal by developing an understanding of Portage College and departmental rules and regulations, by being aware of deadlines, and by expressing your concerns at the beginning of the semester.

Appeal Procedure

- If the issue remains unresolved, a student choosing to appeal should complete and deliver a Notice of Appeal form to the registrar's office or appropriate service area within three (3) working days of receipt of the incident.
- An appellant has the right to an advocate in the appeal process.
- The registrar's office will send the student's completed Notice of Appeal to the registrar or appropriate service area.

Student Grievances with Instructors and Coordinators

Portage supports the principle of fostering a fair and caring environment. Examples of grievances covered under this process include fairness of evaluations, grade appeals, late assignments, classroom dynamics, course content, and deferral/ supplemental exam decisions. Students have the right to present their concerns or grievances and can have an advocate (student services staff, student association, other staff members or family /friends) to help present the grievance.

- Students should first meet directly with the instructor or coordinator to attempt to resolve the concern/grievance.
- If the concern/grievance remains unresolved, the student should submit a Notice of Grievance form (available in Student Service Centre) within six (6) working days of incident.

The supervisor (coordinator or dean depending on situation) will attempt to resolve the concern/grievance and provide a written recommendation to the student and the instructor (or coordinator) within six (6) working days of receiving the Notice of Grievance.

- If the concern/grievance remains unresolved, the Notice of Grievance should be submitted to the Vice President-Academic. The decision of the Vice President-Academic is final and binding on all parties.

Fourth Class Power Engineering

Certificate: Lac La Biche, In-Person Learning

Learn about boilers, steam and gas turbines, generators, pumps, compressors, pressure vessels and more. This is an intense program with exceptional practicums in the oil and gas industry and excellent career opportunities.

Fourth Class Certification includes 25 weeks of study and 160 hours (1 month) field placement.

Admission Requirements:

High School Diploma or equivalent with:

- English Language Arts 10-2 at 65%
- Math 10C at 65%
- Science 10 at 65%
- Physics 20 (recommended)

Recommended to have a Valid H2S course (that will not expire in your academic year)

Program acceptance will include a selection process based on high school marks, other related certifications, work experience, and a program interview.

Curriculum:

Required Courses				Credits
PENG	112	4 th Class Power Engineering Lab		4
PENG	113A	4 th Class Power Engineering Theory "A"		13
PENG	113B	4 th Class Power Engineering Theory "B"		15
PENG	114	4 th Class Field Placement		4
Total				36

Students who successfully complete this program will be eligible to write Part "A" and "B" of the Interprovincial 4th Class Power Engineering exams. Students Obtaining a 4th Class Power Engineering Certificate may progress to 3rd Class Power Engineering training offered at Portage College. Please check the current Alberta Power Engineers Regulation under the Safety Codes Act for further information. Please refer to Program Policy for information regarding requirements to complete the applicable course.

Career Potential:

A student with the appropriate training in the power engineering field who possesses a valid power engineering certificate may find career opportunities in the oil and gas industries, electrical utilities companies, chemical processing plants, pulp, and paper industries, and building operations.

Third Class Power Engineering

Online Learning

Learn about boilers, steam and gas turbines, generators, pumps, compressors, pressure vessels and more. This is an intense program with exceptional practicums in the oil and gas industry and excellent career opportunities. 3rd Class Certification includes 52 weeks of study and 960 hours (6-8 month) field placement.

Admission Requirements:

- English Language Arts 20-2 at 65%
- Math 20 at 65%
- Physics 20 at 65%
- Valid interprovincial 4th Class Power Engineering Certificate

Curriculum:

Required Courses			Credits
PENG	200	Applied Science	10
PENG	202	Plant Services	10
PENG	204	Steam Generation	6
PENG	206	Prime Movers and Auxiliaries	6
PENG	220	3 rd Class Field Placement	15
Total			47

Transferability:

Students who complete this program will qualify to write the Part “A” and “B” 3rd Class Power Engineering Interprovincial Exams. Please check the current Alberta Engineers Regulation under the Safety Codes for further information. Please check Program Policy for information regarding requirements to complete applicable course.

Career Potential:

A student with the appropriate training in the power engineering field who possesses a valid power engineering certificate may find career opportunities in the oil and gas industries, electrical utilities companies, chemical processing plants, pulp, and paper industries, and building operations.

Academic Foundations

Adult Education Certificate: Online Learning

Academic Foundations will prepare you for the high school courses that you need. This foundational learning program includes English Communications, Mathematics, Computer Literacy, and Job Preparation and Maintenance courses and is delivered through Online Learning.

These 16-week courses will prepare you for future studies in a program of your choosing. Courses are pre-high school level.

Admission Requirements:

Educational

- Completion of program placement test. Course placement is dependent on testing results.

Students interested in applying will need to contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process.

- Interview
- Training Plan

Curriculum:

Required Courses				Credits
COML	003A	Computer Literacy Part A		2
COML	003B	Computer Literacy Part B		2
COMM	003A	Communications Part A		9
COMM	003B	Communications Part B		9
DIAW	101	Diversity Awareness		0
CTR	1010	Job Preparation		1
CTR	2010	Job Maintenance		1
MATH	002	Mathematics 200		9
MATH	003	Mathematics 300		9
MATH	1041	Mathematics Preparation 10		5
Total				47

Advanced Care Paramedic

Diploma: Lac La Biche, Hybrid Learning

The significant demand for advanced care paramedics throughout the province in rural, urban, and industrial settings provides graduates with a broad range of career opportunities.

Admission Requirements:

- Successful completion of Primary Care Paramedic (PCP) or EMT program
- English Language Arts 30-2 at 70% or English Language Arts 30-1 at 60%
- Math 20-2 at 60%
- Biology 30 at 60%
- Chemistry 30 strongly recommended.

Other

- ESL – All students whose first language is not English must meet one of the following:
 - » IELTS Academic Format with minimum scores: Listening 7.5, Reading 6.5, Writing 7.0, Speaking 7.0
 - » TOEFL iBT (internet based) with minimum test scores: Listening 23, Reading 21, Writing 25, Speaking 22
 - » Note: testing must have been completed within two years prior to application to the program
- Minimum age 18
- Photocopy of current Class 4 Alberta driver's license.
- Completed and signed Drivers License Waiver.
- Police Information Check and Vulnerable Sector Check within 2 months of program start date – please refer to the Alberta Health Services website student placement frequently asked questions for more information.
- Signed Police Information Check waiver form.
- Signed Immunization Form
- Signed Immunization and Placement Disclosure waiver forms
- Signed Health Status Form. Please refer to the Alberta Health Services website for student placement and frequently asked questions regarding fitness to practice as a prerequisite for placements.
- iPad, tablet, or smartphone for use with CompTracker Program.

Curriculum:

Year 1 Required Courses			Credits
BIOL	230	Anatomy I	3
COMM	135	Communications for Health Professionals	3
EMS	260	Professional Driving II	1
ACP	203	Intermediate Skills	5
ACP	226	Obstetrics	3
HEED	105	Personal Health & Wellness	3
PHRM	250	Pharmacotherapeutics for Health Care Professionals	3
ACP	221	Physical Examination & History Gathering	3
BIOL	231	Physiology I	3
BIOL	232	Physiology II	3
ACP	227	Professional Paramedics III	2
Total			32

Year 2 Required Courses

			Credits
ACP	202	Advanced Skills	6
ACP	212	Advanced Pharmacology	6
ACP	222	Emergency Diagnosis & Treatment	6
ACP	250	Age Specific Advanced Care	1
ACP	246	Initial Ambulance Placement	6
ACP	241	Aeromedical	3
ACP	242	Clinical Placement	6
ACP	248	Final Ambulance Placement	6
Total			40

Transferability:

Transfer credits listed on the [ACAT \(Alberta Council on Admissions and Transfer\)](#) website will be approved for transfer credit to Portage College. Specific credit awards to a program are subject to the requirements and regulations of the admitting program and may vary from the total credit awarded by Portage College. To determine if this program transfers to other institutions, refer to the [ACAT website](#).

Aircraft Structures Technician

Certificate: Cold Lake Aerospace, In-Person Learning

The significant demand for advanced care paramedics throughout the province in rural, urban, and industrial settings provides graduates with a broad range of career opportunities.

Admission Requirements:

- English Language Arts 20-2
- Math 20-2

Curriculum:

Year 1 Required Courses			Credits
AVST	100	Intro to Aviation Structures	7
AVST	101	Metal A/C Construction 1	7
AVST	102	Metal A/C Construction 2	7
AVST	103	Special Processes/Practices	7
AVST	104	Composite Fabrication/Repair	9
AVST	105	Damage Assessment/ Repair 1	7
AVST	106	Damage Assessment/ Repair 2	6
Total			50

Career Potential

The certificate aligns with the Aircraft Maintenance Engineering – Structural (AME-S) trade, which allows students to work as Aircraft Structures Technicians upon completion of the program.

Addictions Counselling Diploma

Diploma: Lac La Biche, Multi-Access Learning

The two-year Addiction Counselling program will provide learners with comprehensive knowledge and preparation for a career in the addiction field. This program prepares learners to integrate theory and practical skills to work with individuals, families, groups, and communities. In addition to foundational skills, learners reflect on their beliefs and values to develop relevant professional skills to work with a diverse clientele including multicultural and Indigenous populations.

Admission Requirements:

Educational

- English Language Arts 30-1 at 60% or English Language Arts 30-2 at 70%

Those who do not meet the admission requirements are encouraged to look into [Open Studies](#).

Required Documents

- Three academic/professional letters of reference (within the last 5 years)
- Criminal Record Check with vulnerable Sector Check
- Child Intervention Record Check

Career Potential:

Addictions Counsellor, Social Work.

Curriculum:

Year 1 Required Courses				Credits
ADDC	111	Introduction to Addictions Studies		3
ADDC	121	Interpersonal Relationships and Communication Skills		3
ADDC	131	Introduction to Counselling		3
ENGL	102	Introductory Composition		3
PSYC	104	Introductory Psychology		3
ADDC	112	Physiology and Pharmacology of Addiction		3
ADDC	113	Suicide Prevention and Mental Health Early Intervention		3
ADDC	114	Advanced Assessment, Documentation and Case Management		3
ADDC	132	Social Policy		3
ADDC	141	Introduction to Indigenous Studies		3
ADDC	199	Addictions Studies Practicum		2
Total				32

Year 2 Required Courses				Credits
ADDC	212	Prevention and Relapse Planning		3
ADDC	231	Addictions and Family Dynamics (Family and Society Studies)		3
ADDC	232	Facilitating Groups		3
ADDC	241	Indigenous Approaches to Healing and Wellness		3
ADDC	232	Facilitating Groups		3
PSYC	202	Developmental Psychology		3
ADDC	212	Prevention and Relapse Planning		3
ADDC	213	Program Delivery, Development, and Evaluation		3
ADDC	214	Motivational Interviewing		3
ADDC	299	Addictions Studies Practicum 2		2
Elective		HEED105, SOCI101, SOCI225, SOCI224, or any PSYC course offered at Portage College		3
Total				36

Apprenticeship Carpentry

Apprenticeship: Lac La Biche, In-Person Learning

The Apprentice Carpentry program at Portage College offers hands-on training and practical experience to students aspiring to become skilled carpenters. This program combines classroom instruction with extensive lab training, focusing on foundational carpentry skills such as framing, roofing, finishing, and cabinetmaking. Students learn how to read blueprints, use carpentry tools, and apply safety standards, preparing them for work in residential, commercial, and industrial construction. Graduates of the program are equipped with the knowledge and experience needed to pursue their Red Seal certification and craft a successful career in carpentry.

Upon completion, students will have the opportunity to gain work experience through apprenticeship placements, which are a critical part of the certification process. Successful graduates are well-prepared to pursue their Journey-person status and begin a rewarding career as a Carpenter.

Admission Requirements:

PERIOD 1

Students must be a registered apprentice with [Alberta Apprenticeship and Industry Training \(AIT\)](#), meet the [AIT set entrance requirements](#), and be eligible for identified period training.

PERIOD 2

Successful completion of Period 1

PERIOD 3

Successful completion of Period 2

PERIOD 4

Successful completion of Period 3

Curriculum:

Period 1 Required Courses			Credits
CARP	190	Safety & Building Materials	0
CARP	191	Tools	0
CARP	192	Site Preparation, Building Layout, Foundations & Floor Frame Systems	0
CARP	193	Residential Estimating & Drawing Interpretation	0
CARP	194	Lab/Shop	0
Period 2 Required Courses			Credits
CARP	200	Frame Structures	0
CARP	205	Wood Frame Roofs	0
CARP	210	Interior and Exterior Finishes	0
CARP	215	Wood Stairs	0
CARP	220	Light Commercial Estimating & Drawing Interpretation	0
CARP	225	Lab/Shop	0
Period 3 Required Courses			Credits
CARP	315	Commercial Form Work	0

CARP	320	Commercial Interiors & Exteriors	0
CARP	325	Commercial Estimating & Drawing Interpretation	0
CARP	330	Lab/Shop	0
CARP	335	Concrete & Building Layout	0

Period 4 Required Courses			Credits
CARP	440	Workplace Organization & Interior Finishes	0
CARP	445	Advanced Roof Framing & Stairs	0
CARP	450	Renovations, Building Design, Energy Efficiency & Building Science	0
CARP	455	Industrial Estimating & Drawing Interpretation	0
CARP	480	Lab/Shop	0

Transferability:

The technical training is the standard through the province; therefore, apprentices may take their training at Portage College or any college or technical institute in Alberta offering Carpentry Apprenticeship training.

Career Potential:

Employment as an Apprentice Carpenter. Higher levels of apprenticeship create opportunities such as advancement in the field, enhanced skills and responsibilities, higher pay and increased job opportunities. Each level is another step to fulfilling the requirements to obtain a journey-person ticket.

Apprenticeship Electrician

Apprenticeship: Cold Lake, Hybrid Learning

Learn to install, maintain, repair, and operate electrical wiring and devices safely. Complete all four periods of training to earn your electrician certificate and qualify to take the provincial exam to get your journeyman certificate and red seal exam.

Admission Requirements:

PERIOD 1

Students must be a registered apprentice with [Alberta Apprenticeship and Industry Training \(AIT\)](#), meet the [AIT set entrance requirements](#), and be eligible for identified period training.

PERIOD 2

Successful completion of Period 1

PERIOD 3

Successful completion of Period 2

PERIOD 4

Successful completion of Period 3

Curriculum:

Period 1 Required Courses			Credits
ELEC	105	Electrical Systems	0
ELEC	110	Foundational Skills, Job Responsibilities, Procedures, Tools, Equipment, & Instruments	0
ELEC	115	Electrical Theory, Circuit Fundamentals & Electronics	0
ELEC	120	Codes & Standards	0
ELEC	125	Electrical Period 1 Lab/Shop	0
Period 2 Required Courses			Credits
ELEC	205	Electrical Theory, Circuit Fundamentals & Electronics	0
ELEC	215	Foundational Skills, Job Responsibilities & Procedures, Codes & Standards	0
ELEC	220	Electrical Systems	0
ELEC	230	Electrical Period 2 Lab/Shop	0
Period 3 Required Courses			Credits
ELEC	335	Codes & Standards, Tools, Equipment, & Instruments	0
ELEC	345	Electrical Theory, Circuit Fundamentals & Electronics	0
ELEC	350	Electrical Systems	0
ELEC	330	Electrical Period 3 Lab/Shop	0
Period 4 Required Courses			Credits
ELEC	445	Foundational Skills, Job Responsibilities & Procedures	0
ELEC	450	Electrical Theory, Circuit Fundamentals	0

ELEC	455	Electrical Systems	0
ELEC	460	Codes & Standards	0
ELEC	440	Electrical Period 4 Lab/Shop	0

Transferability:

The technical training is the standard through the province; therefore, apprentices may take up their training at Portage College or any other college or technical institute in Alberta offering Apprenticeship Electrician Training.

Career Potential:

Electricians work for residential, construction and maintenance contractors, manufacturers, resource companies, and other large organizations. Construction based electrical work is subject to project-based timelines. The nature of this work dictates that an electrician be flexible in both scheduling and location of work. Membership in trade union is voluntary; however, some contractors employ only union people, while others employ only non-union. Electricians may advance to positions such as foreman, superintendent, estimator, or electrical inspector. Some electricians start their own contracting business but must have a Master Electrician license to pull permits. Electricians may work toward additional tickets such as Power System Electrician, Instrumentation and Millwright.

Apprenticeship Heavy Equipment Technician

Apprenticeship: Lac La Biche, In-Person Learning

The Apprentice Heavy Equipment Technician program at Portage College is designed to provide students with the essential skills and knowledge required to work with and maintain heavy equipment, including machinery used in construction, mining, forestry, and agriculture. This hands-on, trade-based program combines classroom learning with practical, on-the-job training to develop a strong foundation in diagnosing, repairing, and maintaining a wide range of heavy machinery.

Upon completion, students will attain the technical training required to progress through their apprenticeship and towards their Journeyman status and begin a rewarding career. Successful graduates are well-prepared to pursue a career as a Heavy Equipment Technician, with opportunities in various industries such as construction, mining, and agriculture.

This program is ideal for individuals who have an interest in working with heavy machinery and are seeking a career that combines technical expertise with hands-on problem-solving. With experienced instructors and access to industry-standard equipment, the program offers a comprehensive learning environment that sets students up for long-term success in the field.

Admission Requirements:

PERIOD 1

Students must be a registered apprentice with [Alberta Apprenticeship and Industry Training \(AIT\)](#), meet the [AIT set entrance requirements](#), and be eligible for identified period training.

PERIOD 2

Successful Completion of Period 1

Curriculum:

Period 1 Required Courses			Credits
HETA	111	Standard Workplace Safety, Materials, and Tools	0
HETA	112	Suspension, Wheels, and Systems	0
HETA	113	Hydraulics 1 and Hydraulic Brake Systems	0
HETA	114	Electrical 1 and Electronics 1	0
HETA	115	Air Brakes	0
HETA	116	Lab/Shop	0
Period 2 Required Courses			Credits
HETA	201	Engine Fundamentals, Service and Repair	0
HETA	202	Engine Systems	0
HETA	203	Diesel Fuel Injection Systems	0
HETA	204	Electronics Fuel Management	0
HETA	205	Heavy Duty Charging and Cranking Systems	0
HETA	206	Lab/Shop	0

Transferability:

The technical training is the standard through the province; therefore, apprentices may take their training at Portage College or any college or technical institute in Alberta offering Heavy Equipment Technician Apprenticeship training.

Career Potential:

Employment as an Apprentice Heavy Equipment Technician. Higher levels of apprenticeship create opportunities such as advancement in the field, enhanced skills and responsibilities, higher pay and increased job opportunities. Each level is another step to fulfilling the requirements to obtain a journeyman ticket.

Period 1 is a common pathway for students interested in becoming Transport-Trailer Mechanics. While Periods 1 and 2 of Apprentice Heavy Equipment Technician is also a common pathway for students interested in becoming Off-Road Heavy-Duty Equipment Mechanics or Truck and Transport Mechanics.

Apprenticeship Steamfitter-Pipefitter Technician

Apprenticeship: Lac La Biche, Hybrid Learning

Learn how to measure, lay out, assemble, fabricate, maintain, and repair piping systems which carry water, steam, chemicals, or fuel used in heating, cooling, lubricating, and other processes utilizing not only steel but alloys, plastics, fiberglass as well. Additionally, you'll learn how to join sections of pipe properly, read blueprints and create your own detailed fabrication drawings, manufacture supports and brackets for piping systems, and work with qualified welders to tack fittings and supports in place.

Higher levels of apprenticeship create opportunities such as advancement in the field, enhanced skills and responsibilities, higher pay, and increased job opportunities. Each level is another step to fulfilling the requirements to obtain a journeyman ticket.

PERIOD 1

Students must be a registered apprentice with [Alberta Apprenticeship and Industry Training \(AIT\)](#), meet the [AIT set entrance requirements](#), and be eligible for identified period training.

PERIOD 2

Successful completion of Period 1

PERIOD 3

Successful completion of Period 2

PERIOD 4

Successful completion of Period 3

Curriculum:

Period 1 Required Courses			Credits
SFPF	110	Workplace Safety and Rigging	0
SFPF	111	Tools, Equipment, and Materials	0
SFPF	112	Metal Fabrication	0
SFPF	113	Drawings and Specifications	0
SFPF	114	Calculations and Science	0
SFPF	115	SF/PF Period 1 Lab/Shop	0

Period 2 Required Courses			Credits
SFPF	210	Heating Systems	0
SFPF	211	Hydronic Heating	0
SFPF	212	Rigging Equipment and Hoisting	0
SFPF	213	Specialty Piping	0
SFPF	214	Drawings, Layout, and Elevations	0
SFPF	215	Gasfitting Fundamentals	0
SFPF	216	SF/PF Period 2 Lab/Shop	0

Period 3 Required Courses			Credits
SFPF	310	Low Pressure Steam & Condensate Systems	0
SFPF	311	Instrumentation and Trade Technologies	0

SFPF	312	Welding Processes	0
SFPF	313	Hoist Planning and Cranes	0
SFPF	314	Process Diagrams and Mitre Elbow	0
SFPF	315	SF/PF Period 3 Lab/Shop	0

Period 4 Required Courses			Credits
SFPF	410	High Pressure Steam & Condensate Systems	0
SFPF	411	Process Piping Systems	0
SFPF	412	Job Planning and Critical Lifts	0
SFPF	413	Revised Drawing and Projects	0
SFPF	414	SF/PF Period 4 Lab/Shop	0

Transferability:

The technical training is the standard through the province; therefore, apprentices may take their training at Portage College or any college or technical institute in Alberta offering Steamfitter-Pipefitter Apprenticeship training.

Period 1 of Steamfitter-Pipefitter is common period among pipe trades. Apprentice plumbers, gasfitters and sprinkler system installers are eligible to enroll in the same Period 1.

Career Potential:

Can include: hospital and other commercial building construction and maintenance, pulp mills, ship building, offshore oil platforms, mining sites (both mineral extraction and open pit oil extraction), SAGD oil extraction, chemical and plastic processing facilities, LNG transportation and distribution centers as well as power plants of every type.

Apprenticeship Welder

Apprenticeship: Lac La Biche, In-Person Learning

This short apprenticeship training is sure to spark a bright future. You'll learn GMAW, SMAW, FCAW and GTAW welding techniques to fuse and repair metal components used in construction and manufacturing.

Admission Requirements:

PERIOD 1

Students must be a registered apprentice with [Alberta Apprenticeship and Industry Training \(AIT\)](#), meet the [AIT set entrance requirements](#), and be eligible for identified period training.

PERIOD 2

Successful completion of Period 1

PERIOD 3

Successful completion of Period 2

Curriculum:

Period 1 Required Courses			Credits
WELD	160	Welding Technology and Properties of Metal	0
WELD	161	Cutting Lab	0
WELD	162	FCAW Lab	0
WELD	170	Safety, Tools, Weld Faults & OAW Theory	0
WELD	172	Weld Trade Math	0
WELD	177	GMAW, FCAW, SAW Theory	0
WELD	178	GMAW, FCAW, SAW Lab	0
Period 2 Required Courses			Credits
WELD	265	SMAW Lab	0
WELD	270	SMAW Theory One	0
WELD	271	GTAW Theory	0
WELD	274	SMAW Theory Two	0
WELD	275	GTAW Lab	0
WELD	278	Pattern Development	0
Period 3 Required Courses			Credits
WELD	365	Cut Project	0
WELD	366	Welds on Mild Steel Plate and Pipe	0
WELD	370	Shielded Metal Arc Welding Theory	0
WELD	373	Trade Science	0
WELD	374	Shielded Metal Arc Welding Lab	0
WELD	375	Gas Tungsten Arc Welding Theory	0
WELD	376	Drawing Interpretation	0

Transferability:

The technical training is the standard through the province; therefore, apprentices may take their training at Portage College or any other college or technical institute in Alberta offering Welder Apprenticeship training.

Career Potential:

Employment as an Apprentice Welder. Higher levels of apprenticeship create opportunities such as advancement in the field, enhanced skills and responsibilities, higher pay and increased job opportunities. Each level is another step to fulfilling the requirements to obtain a journeyman ticket.

Bachelor of Education, Elementary

Degree: Multi-Access Learning

The Bachelor of Education with a specialization in Elementary Education program offers students a comprehensive curriculum designed to prepare students for teaching in elementary school settings. The educational course requirements for the Bachelor of Education with a specialization in Elementary Education program will be delivered through Multi-Access Learning which allows learners the flexibility of completing courses while working in their field. Some courses may require in-person attendance (e.g., Fine Arts courses, physical education courses, etc.) and practicum requirements will require students to be on-site at a school.

Admission Requirements:

- English Language Arts 30-1 at 65%
- Math 30-2 at 65%
- Social Studies 30-2 at 65%
- 30-level science (Biology 30, Chemistry 30, Physics 30, Science 30, and Advanced Computing Science (CTS, 5 credits))
- 5 credits in 30-level studies (Fine Arts, Science courses not previously used, locally developed courses, Aboriginal Studies, Second languages, Social sciences, or CTS-3000 levels).

***Students who do not meet admission requirements are encouraged to reach out to student advising about [open studies](#) pathways.**

Mature Student Admission:

- English Language Arts 30-1 at 65%
- Two of the following: Math 30-2, Social Studies 30-2, and a 30-level Science

Transfer Admission:

- English Language Arts 30-1 or Junior English course at 65%
- 12 credits or more from a recognized/accredited institution with a GPA of 2.00 or higher.

Other:

- All students whose first language is not English must meet one of the following:
 - » IELTS Academic Format with minimum scores: Listening 7.5, Reading 6.5, Writing 7.0, Speaking 7.0
 - » TOEFL iBT (internet based) with minimum test scores: Listening 23, Reading 21, Writing 25, Speaking 22
 - » Note: testing must have been completed within two years prior to application to the program
- Police Information Check and Vulnerable Sector Search dated after June 30 and must be submitted within two months of program start date.

Curriculum:

Students in a Bachelor of Education with a specialization in Elementary Education must complete seven generalist courses as elementary teachers are responsible for supporting student learning across multiple subject areas and developmental domains.

Year 1 and Year 2 General Requirements

English	ENGL120 (required), plus one of the following: ENGL102, CLAS102, DRMA101, ENGL106, ENGL108, or ENGL388.	6
Social Sciences	ANTH103, ANTH110, ANTH210, PSYC104, PSYC202, or SOC101	3
Mathematics	MATH160 or STAT141	3
Science	BIOL101, BIOL102, or EASC101	3

Canadian and Indigenous Studies	ANTH260, HIST210, HIST211, or HIS368	3
Health and Physical Education	HEED105 or PHED200	3

Year 3 Required Courses			Credits
EDUC	200	Educational Psychology	3
EDUC	250	Introduction to the Teaching	3
EDUC	300	Educational Technology	3
EDUC	315	Professional Conduct and Competency	3
EDUC	320	Science of Teaching and Learning	3
EDUC	321	Educational Assessment and Reporting I	3
EDUC	322	Educational Assessment and Reporting II	3
EDUC	399	Teaching Practicum I	3
EDUC	440	Positive Behaviour Supports	3
EDUC	450	Inclusive Education	3

Year 4 Required Courses			Credits
EDUC	310	Professional Relationships & Conflict Resolution I	3
EDUC	330	Curriculum and Instruction for Literacy	3
EDUC	331	Curriculum and Instruction for Numeracy	3
EDUC	400	Alternative Education	3
EDUC	425	Literacy and Reading Assessment Intervention	3
EDUC	430	Education for Reconciliation	3
EDUC	435	Effective Teaching in Diverse Educational Settings	3
EDUC	499	Education Practicum II	6

Minor Requirements		Credits
Junior Courses		12
Senior Course		6
Total		18

At Portage College, the following minor areas of study are available:

- Humanities
- Social Sciences
- Sciences
- Early Learning
- Environmental Studies
- Inclusive Education
- Indigenous Arts
- Trades and Technology

Career Potential:

Graduates of the Bachelor of Education, Elementary program are equipped to pursue meaningful careers supporting the development and learning of young children. Common career paths include early childhood educator, preschool or kindergarten teacher, childcare center director, educational consultant, family support worker, and early intervention specialist.

Graduates may also continue their studies in fields such as special education, child psychology, or educational leadership, depending on their career goals.

Barber Certificate

Certificate: Lac La Biche, In-Person

Train with our experienced, professional instructors in a program that combines hands-on skills and technical knowledge. We offer small class sizes and a comfortable learning environment. Our program is recognized by Alberta Apprenticeship Industry Training, and upon successful completion, you'll be able to work in the industry.

Admission Requirements:

- English Language Arts 10-2
- Math 10-3

Students who do not meet the admission requirements contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process

Curriculum:

Required Courses			Credits
HAIR	120	Hairstyling Foundations	3
HAIR	121	Hair and Scalp Care	1
HAIR	122	Salon Operations and Consultations	2
HAIR	123	Haircutting	8
HAIR	124	Salon I	4
SAFE	071	Workplace Hazardous Materials Information System	0
Total			18

Career Potential:

As a recognized program by Alberta Apprenticeship and Industry Training (AIT), the barbering program will prepare you to write your theory and practical provincial exams upon successfully completion. As a certified barber, you can work hours that meet your lifestyle, part-time or full-time, in a well-paid job. Whether you decide to continue working in an established salon or start a home-based business, this is truly a flexible, high demand occupation.

Business Administration Certificate

Certificate: Lac La Biche, Cold Lake, Multi-Access Learning

The Business Administration certificate opens the door to highly sought-after jobs and opportunities to grow in companies while providing job security and opportunities to work in many diverse workplaces. Take an additional year to earn your diploma in either accounting or management.

Graduates of the program will be able to perform entry-level functions in accounting or administration in business, industry, and government. They have been hired in the tourism industry, health, education and social services fields, band or settlement offices, retail businesses, and oil and gas industries.

Admission Requirements:

- English Language Arts 30-2
- Math 30-2

Students who do not meet the admission requirements contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process

Curriculum:

Required Courses			Credits
COMM	121	Business Communications I	3
MATH	117	Business Mathematics	3
CMIS	101	Business Productivity Software	3
ECON	186	Microeconomics	3
MGMT	120	Principles of Management	3
COMM	131	Business Communications II	3
ACCT	115	Introductory Financial Accounting	3
ECON	187	Macroeconomics	3
MARK	166	Marketing	3
ORGB	193	Organizational Behavior	3
Total			30

Transferability:

The Business Administration Certificate is transferable to Portage College Diploma in either Accounting or Management or as a 30-credit block to many other institutions. This program has transfer options available, with up-to-date information accessible through the Alberta Council on Admissions and Transfer (ACAT) and/or the Transfer Department.

Business Administrative Certificate is transferable to many other institutions throughout Alberta including:

- NAIT
- SAIT
- Bow Valley College
- Red Deer Polytechnic
- Northern Lakes College
- Lakeland College
- Medicine Hat College
- Lethbridge College
- Northwestern Polytechnic
- Athabasca University
- Keyano College
- Norquest College
- Olds College

Business Administration Diploma: Management

Diploma: Lac La Biche, Cold Lake, Multi-Access Learning

The Business Administration Diploma in Management prepares you for a wide range of managerial positions. Work for a large company, start your own business, or "ladder up" to a bachelor's degree. Your opportunities are truly boundless. This program focuses on the real-world application of core business theories, so you have the tools you need to manage people, finances, production, and promotion effectively.

Admission Requirements:

- English Language Arts 30-2
- Math 30-2

Students who do not meet the admission requirements contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process

Curriculum:

Year 1 Required Courses				Credits
COMM	121	Business Communications I		3
MATH	117	Business Mathematics		3
CMIS	101	Business Productivity Software		3
ECON	186	Microeconomics		3
MGMT	120	Principles of Management		3
COMM	131	Business Communications II		3
ACCT	115	Introductory Financial Accounting		3
ECON	187	Macroeconomics		3
MARK	166	Marketing		3
ORGB	193	Organizational Behavior		3
Total				30

Year 2 Required Courses				Credits
ACCT	211	Management Accounting		3
BUSI	221	Human Resource Management		3
CMIS	200	Computer Management and Information Systems		3
ENTR	210	Entrepreneurship and Innovation		3
MATH	118	Business Statistics		3
BUSI	222	Operations Management		3
BUSI	225	Strategic Management		3
BUSI	227	Project Management		3
BUSL	261	Business Law		3
FINA	211	Business Finance		3
Total				30

Transferability:

This program has transfer options available, with up-to-date information accessible through the Alberta Council on Admissions and Transfer (ACAT) and/or the Transfer Department.

Transfer agreements are currently in place with:

- NAIT offers a Bachelor of Business Administration-Management Concentration.

Career Potential:

With the Business Administration Diploma in Management, you fast track your career into managerial roles. Graduates find work in the following occupational categories/industries:

- Aboriginal government
- Banking and finance
- Business development
- Entrepreneurship
- Government
- Insurance
- Hospitality
- Human resources
- Marketing
- Operations management
- Real estate
- Sales
- Small business management
- Supply chain management.

College Preparation

Cold Lake, Lac La Biche, St. Paul, Online

College Preparation offers the high school courses to begin post-secondary studies. Classes are offered in fall and winter terms beginning in August and January. Courses range from grades 10 to 12.

Curriculum:

Required Courses			Credits
BIOL	020	Biology 20	5
BIOL	030	Biology 30	5
CHEM	020	Chemistry 20	5
CHEM	030	Chemistry 30	5
PHYS	020	Physics 20	5
SCIE	010	Science 10	5
INF	1070	Digital Presentation	1
DIAW	101	Diversity Awareness	0
ELA	015	Writing 15	3
ELA	10-2	English Language Arts 10-2	5
ELA	20-1	English Language Arts 20-1	5
ELA	20-2	English Language Arts 20-2	5
ELA	30-1	English Language Arts 30-1	5
ELA	30-2	English Language Arts 30-2	5
CTR	1010	Job Preparation	1
CTR	2010	Job Maintenance	1
INF	2020	Keyboarding	1
INF	1020	Keyboarding 1	1
LRNS	015	Learning Strategies 15	3
LRNS	025	Learning Strategies 25	3
MATH	015	Mathematics 15	3
MATH	10C	Math 10C	5
MATH	10-3	Math 10-3	5
MATH	20-2	Math 20-2	5
MATH	20-3	Math 20-3	5
MATH	30-2	Math 30-2	5
MATH	002	Mathematics 200	9
MATH	003	Mathematics 300	9
MATH	1041	Mathematics Preparation 10	5
READ	015	Reading 15	3
SOCS	30-1	Social Studies 30-1	5
SOCS	30-2	Social Studies 30-2	5
INF	1060	Spreadsheet 1	1

INF	2080	Spreadsheet 21	1
INF	1030	Word Processing 1	1
INF	2050	Word Processing 2	1
INF	3060	Word Processing 3	1
HCS	3010	Workplace Safety Practices	1
HCS	3000	Workplace Safety Systems	1
TCOM	001	Technology & Communication	3

Admission Requirements:

- Completion or program placement test (Course placement is dependent on testing results)
- High School Transcripts (if applicable)
- Other
- Students interested in applying will need to contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process.
- Interview
- Training Plan

Transferability Portage College has transfer agreements in place with other colleges and universities which allows you to gain access to post-secondary learning opportunities.

Career Potential The majority of post-secondary institutions require that specific pre-requisite courses be completed before admission to their programs is granted. College Preparation qualifies students for programs in post-secondary institutions, offers courses for credits towards a high school diploma and increases job opportunities.

Community Social Work Diploma

Diploma: Lac La Biche, Cold Lake, In-Person Learning

The Community Social Work program at Portage College provides you with practical training and experience to assist individuals, families, and various groups in navigating their way through situations in life. Practicum faculty supervisors meet with students individually and match them with a practicum placement. Students complete 350 practicum hours per year at addiction treatment centers, disability centers, probation and correctional centers, schools, women's shelters, and youth centers.

Admission Requirements:

- English Language Arts 30-2 at 70%
- The Following Documentation must also be provided:
- Three academic/professional letters of reference (within last 5 years)
- Criminal Record Check
- Child and Welfare Intervention Check
- Signed Student Agreement declaring free from substance abuse.

Curriculum:

Year 1 Required Courses			Credits
ELEC		Elective	3
PSYC	202	Developmental Psychology	3
ANTH	260	Indigenous Nations of North America	3
SOCW	131	Introduction to Social Work	3
ENGL	102	Introductory Composition	3
PSYC	104	Introductory Psychology	3
SOCW	110	Practicum 1	2
SOCW	217	Social Policy	3
SOCW	133	Social Work Interviewing	3
SOCW	132	Social Work Practice	3
SOCW	111	Practicum 2	4
Total			33
Year 2 Required Courses			Credits
PSYC	285	Abnormal Psychology	3
SOCW	235	Addictions	3
ELEC	200	Elective	3
SOCW	219	Community Development	3
SOCW	231	Family Dynamics	3
SOCI	215	Group Work	3
SOCW	101	Introduction to Sociology	3
SOCW	201	Practicum 1	2
SOCW	218	Rural and Northern Practice	3
SOCW	232	Selected Issues in Social Work	3
SOCW	238	Social Work Research Methods & Ethics	3
SOCW	211	Practicum 2	4
Total			36

Transferability:

Transfer agreements are currently in place with:

- University of Calgary (BSW)

*Students are encouraged to speak to a student advisor about specific transferability.

Career Potentials:

Graduates are eligible to apply to become a registered social worker. Current provincial legislation makes it mandatory for individuals with a social work education who work within the scope of social work practice to be Registered Social Workers (RSWs).

Graduates work with individuals, families, groups, and communities in a variety of agencies including Indigenous agencies, addictions, court and probation services, disability services, emergency shelters, provincial and federal departments, residential treatment centers, schools, and senior services.

Transferability:

Transfer agreements are currently in place with:

- University of Calgary (BSW)

*Students are encouraged to speak to a student advisor about specific transferability.

Career Potentials:

Graduates are eligible to apply to become a registered social worker. Current provincial legislation makes it mandatory for individuals with a social work education who work within the scope of social work practice to be Registered Social Workers (RSWs).

Graduates work with individuals, families, groups, and communities in a variety of agencies including Indigenous agencies, addictions, court and probation services, disability services, emergency shelters, provincial and federal departments, residential treatment centers, schools, and senior services.

Computer Programming & Information Technology Certificate

Certificate: Lac La Biche, Multi-Access Learning

The Computer Programming and Information Technology Certificate program is for full-time students or part-time study and allows you to learn various computer skills and programming needed in IT, video games, and website design. Start working in the Computer Science field or build your skill to further your education.

Admission Requirements:

- English Language Arts 30-2 at 60%
- Math 30-2 at 60%

Curriculum:

Year 1 Required Courses			Credits
COMP	105	Introduction to Computing Information Systems	3
COMP	106	Introduction to Computer Programming (C++)	3
COMP	107	Introduction to Web Programming	3
COMP	114	Introduction to Python	3
ENGL	102	Introductory Composition	3
Total			15

Year 2 Required Courses			Credits
COMP	111	Operations Systems	3
COMP	112	Computer Networks	3
COMP	113	System Analysis and Design	3
COMP	115	Data and Structures with Java	3
Mathematics Elective		MATH100 (Introduction to Calculus), OR STAT141 (Introduction to Statistics & Research Methods)	3
Total			15

Transferability:

Transferable to other Alberta post-secondary institutions such as Athabasca University, Bow Valley College, the University of Alberta, and Concordia University. Please refer to [Transfer Alberta](#) for more detailed information based on the courses selected.

Career Potentials:

Graduates of our Computer Programming and Information Technology Certificate program are well-prepared to pursue further studies in degree programs like a Bachelor of Science or jumpstart their careers in a wide range of high-demand tech fields. From computer programming and web design to video game development and database administration, our program equips you with the skills and expertise needed to thrive in today's dynamic technology industry. Whether you choose to continue your education or enter the workforce, the opportunities are limitless.

Computer Programming & Information Technology Diploma

Diploma: Lac La Biche, Multi-Access Learning

The Computer Programming and Information Technology Diploma allows students to combine comprehensive software development skills with hardware expertise. Areas of focus in various programs include computer graphics and image processing, digital hardware, artificial intelligence, cyber security, and networking.

This program is designed to be completed over two years with 10 courses completed in each academic year.

Admission Requirements:

- English Language Arts 30-2 at 60%
- Math 30-2 at 60%

Curriculum:

Year 1 Required Courses			Credits
COMP	105	Introduction to Computing Information Systems	3
COMP	106	Introduction to Computer Programming (C++)	3
COMP	107	Introduction to Web Programming	3
COMP	114	Introduction to Python	3
ENGL	102	Introductory Composition	3
COMP	111	Operations Systems	3
COMP	112	Computer Networks	3
COMP	113	System Analysis and Design	3
COMP	115	Data and Structures with Java	3
Mathematics Elective		MATH100 (Introduction to Calculus), OR STAT141 (Introduction to Statistics & Research Methods)	3
Total			30

Year 2 Required Courses			Credits
INTD	205	Career Internship 1	3
COMP	205	Database Fundamentals	3
COMP	206	Introduction to PC Hardware & Systems Configuration	3
COMP	208	Artificial Intelligence	3
COMP	209	Agile Methodology	3
ELEC	100	Computer Science Option	3
COMP	211	User Interfaces	3
COMP	212	Project Capstone	3
COMP	213	Introduction to Cyber Security	3
COMP	215	Cloud Computing Technology	3
Total			30

Transferability:

Transferable to other Alberta post-secondary institutions such as Athabasca University, Bow Valley College, the University of Alberta, and Concordia University. Please refer to [Transfer Alberta](#) for more detailed information based on the courses selected.

Career Potential:

Graduates of our Computer Programming and Information Technology Diploma program can join the workforce in exciting careers such as Computer Operations Support, Software Support Analyst, and Computer Programming or have the option to continue their studies in a degree program such as a Bachelor of Computer Sciences.

Early Learning & Childcare Certificate

Certificate: Online Learning

This program provides you with the credentials to work in institutions or children's programs at the childhood level from birth to age twelve. The program focuses on key areas of childhood growth and development, diverse abilities, program strategies, building and sustaining strong rapport between children and their families, professionalism in the workplace as well as incorporating practical learning experiences.

Admission Requirements:

- English Language Arts 30-1 at 55% OR English Language Arts 30-2 at 60%
- Other
- For students who attended high school/post-secondary **outside of Canada**, please review the **Academic Credentials Requirements by Country**. A demonstration of **English Language Proficiency** is required.
- Police Information Check (PIC) with at Vulnerable Sector Search (VSS) is required prior to practicum placements. PIC must be valid within one year of practicum start date.
- Practicum students must have completed ECDE100 Human Development to be eligible for practicum placement.
- Refer to Moodle for minimum technical requirements.

Students who do not meet the admission requirements contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process

Curriculum:

Required Courses			Credits
ECDE	100	Human Development I	3
ENGL	100	Written Communication	3
ELCC	114	Learning Through Play	3
ELCC	103	Practicum I/Integration Seminar	2
ELCC	122	Roles and Responsibilities for ELCC	3
RSER	103	Interpersonal Competence	3
ELCC	107	Infants & Toddlers	3
ELCC	132	Observing & Recording Skills & Applications	3
RSER	101	Developmental and Inclusive Studies I	3
ELCC	103	Field Practicum/Integration	2
ELCC	133	Field Practicum II	4
ECDE	111	Guiding Behaviour	3
ELCC	130	School Aged Care	3
Total			36

Transferability:

Transferable to the 2nd year Portage College Early learning & Childcare Diploma program. Some courses are transferable to the Portage College Educational Assistant program. Transferability to other provincial colleges is available. 30 credit block transfers to the Athabasca University BPA program.

- Levels 1, 2, and 3 cannot be used for admission into the program.
- Portage College Early Learning & Childcare programs do not accept Private post-secondary transcripts for transferability into this program.

Career Potential:

Graduates of the Early Learning and Childcare Certificate Program qualify for Level 2 Early Childhood Educator Certification through Childcare Staff Certification, Government of Alberta, Children and Youth Services.

Students who obtain 45 hours in an Early Childhood course can apply for Level 1 Early Childhood Educator Certification from the Government of Alberta, Children and Youth Services.

Early Learning & Childcare Diploma

Diploma: Online Learning

The Early Learning & Childcare Diploma is delivered fully online and builds upon the certificate program, preparing you to work in early learning programs in a supervisory capacity. There are five start dates during the academic year. Please note that each start date contains a different unit within the academic year.

The Diploma program emphasizes the development of knowledgeable and skilled practitioners who can model and lead best practices in early learning and childcare environment. The program course content provides the student with advanced knowledge and skills in the areas of development, health, family, and more.

Admission Requirements:

- English Language Arts 30-1 at 55% OR English Language Arts 30-2 at 60%

Other

- For students who attended high school/post-secondary outside of Canada, please review the [Academic Credentials Requirements by Country](#). A demonstration of [English Language Proficiency](#) is required.
- Police Information Check (PIC) with at Vulnerable Sector Search (VSS) is required prior to practicum placements. PIC must be valid within one year of practicum start date.
- Practicum students must have completed ECDE100 Human Development to be eligible for practicum placement.
- Refer to Moodle for minimum technical requirements.

Students who do not meet the admission requirements contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process

Curriculum:

Year 2 Required Courses			Credits
ECEA	209	Children with Exceptionalities	3
RSER	201	Development and Inclusive Studies II	3
ELCC	212	Early Learning and Childcare Curriculum	3
ECEA	201	Early Childhood Foundations	2
ECEA	206	Sociology of the Family	3
ELCC	203	Field Practicum I	2
ECDE	210	Child Health	3
ELCC	211	Developmentally Appropriate Guidance	3
ELCC	215	Introduction to Daycare Administration	3
ELCC	222	Language Growth & Development	3
ELCC	233	Field Practicum II	4
Total			33

Transferability:

Some courses are transferable to the Portage College Educational Assistant program. Transferability to other provincial colleges is available. 60 credit block transfers to the Athabasca University BPA program.

- Levels 1, 2, and 3 cannot be used for admission into the program.

- Portage College Early Learning & Childcare programs do not accept Private post-secondary transcripts for transferability into this program.
- Career Potential: Graduates of the Early Learning and Childcare Diploma Program qualify for Level 3 Early Childhood Educator through Childcare Staff Certification, Government of Alberta, Children Youth Services.

Students who obtain 45 hours in an Early Childhood course can apply for Level 1 Early Childhood Educator Certification from the Government of Alberta, Children and Youth Services

Educational Assistant Certificate

Certificate: Online Learning

Our program is delivered fully online and prepares you to work alongside teachers in the classroom. You'll study child growth and development, learning strategies, interpersonal skills, and professionalism. This program offers a combination of theoretical instruction along with practical experience in an educational setting.

Admission Requirements:

- High School Transcripts, including English Language Arts 30-1 at 55% OR English Language Arts 30-2 at 60%
- Math 10-3

Other:

- Police Information Check (PIC) with at Vulnerable Sector Search (VSS) is required prior to practicum placements. PIC must be valid within one year of practicum start date.
- Refer to Moodle for minimum technical requirements.

Students who do not meet the admission requirements contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process

Career Potential:

Graduates of The Educational Assistant Certificate Program qualify for Level 1 Early Childhood Educator Certification through Childcare Staff Certification, Government of Alberta, Children and Youth Services upon completion of their certificate.

Students who obtain 45 hours in an Early Childhood course can apply for Level 1 Early Childhood Educator Certification from the Government of Alberta, Children and Youth Services.

Curriculum:

Required Courses			Credits
ECDE	100	Human Development I	3
ENGL	100	Written Communication	3
EDAS	112	Introductory Language & Literacy for Education Assistants	3
EDAS	103	Field Practicum/Integration	2
EDAS	122	Roles & Responsibilities of the EA	3
RSER	103	Interpersonal Competence	3
RSER	102	Observation and Assessment	3
RSER	122	Program Design	3
RSER	101	Developmental and Inclusive Studies I	3
ECDE	111	Guiding Behavior	3
EDAS	123	Field Practicum 2-Integration	2
EDAS	113	Introductory Math Learning	3
Total			34

Transferability:

Transferability to other provincial colleges is available. Some courses are transferable to the Early Learning and Childcare Certificate program. 30 block credit transfer to the Athabasca University BPA program.

Educational Assistant Diploma

Diploma: Online Learning

Our Educational Assistant Diploma is delivered fully online and builds on the foundations of the Educational Assistant Certificate. The program explores the historical and philosophical influences on current best practices in school-age educational programming. The program offers a combination of theoretical instruction along with practical experience in an educational setting.

Admission Requirements:

- Successful completion of Educational Assistant Certificate from Portage College or another provincial college
- Police Information Check (PIC) with at Vulnerable Sector Search (VSS) is required prior to practicum placements. PIC must be valid within one year of practicum start date.
- Please refer to Moodle for the minimum technical requirements.

Curriculum:

Year 2 Required Courses				Credits
ECEA	209	Children with Exceptionalities		3
RSER	201	Development and Inclusive Studies		3
EDAS	221	Advanced Program Design		3
ECEA	201	Early Childhood Foundations		3
ECEA	206	Sociology of the Family		3
EDAS	203	Field Practicum I		2
RSER	213	Advanced Curriculum in Math		3
ECDE	210	Child Health		3
EDAS	211	Advanced Behavioral Guidance for the EA		3
ECDE	212	Advanced Language & Literacy Development		3
EDAS	223	Field Practicum II		2
Total				31

Transferability:

Transferability to other provincial colleges is available. Some courses are transferable to the Portage College Early Learning and Childcare Diploma program. 60 block credit transfer to the Athabasca university BPA program.

Career Potential

Graduates of The Educational Assistant Diploma Program qualify for Level 2 Early Childhood Educator Certification through Childcare Staff Certification, Government of Alberta, Children and Youth Services upon completion of their diploma.

Students who obtain 45 hours in an Early Childhood course can apply for Level 1 Childhood Educator Certification from the Government of Alberta, Children and Youth Services.

Emergency Medical Responder

Certificate: Lac La Biche, Hybrid Learning

Emergency Medical Responders (EMRs) are integral to Emergency Medical Services and provide entry-level medical and trauma care in health services and industrial settings. They may be the first to arrive on the scene, be the only provider in remote areas, or work collaboratively in a team with other EMS/health care providers, first responders (i.e., Fire, Police), or community support agencies.

Registered EMRs may be employed in ground ambulances, clinics, fire services and industrial settings.

Admission Requirements:

- English Language Arts 30-1 at 60% OR English Language Arts 30-2 at 70%
- Math 20-2 at 60%
- Biology 30 at 60%
- Chemistry 30 strongly recommended.
- Other Requirements
- 18 years of age
- Standard First Aid Certificate (issued within one year of program start date).
- Heart and Stroke Foundation BLS (Basic Life Support) Certificate
- Class 5 Alberta driver's license (GDL is acceptable) and a signed waiver stating understanding of employment requirements for a Class 4 license for some employers.
- Police Information Check and Vulnerable Sector Search (within 2 months of program start)
- Signed Police Information Check waiver form.
- Signed Immunization form.
- Signed Immunization and Placement Disclosure waiver form.
- Signed Health Status form.
- EAL- ALL students whose first language is not English must meet one of the following:
 - » IELTS Academic Format with minimum scores as follows: Listening 7.5; Reading 6.5; Writing 7.0; Speaking 7.0
 - » TOEFL iBT (internet Based) with minimum test scores as follows: Listening 23; Reading 21; Writing 25; Speaking 22.

Note: Testing must have been completed within two years prior to application to the program.

Students who do not meet the admission requirements contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process

Curriculum:

Year 2 Required Courses			Credits
BIOL	230	Anatomy	3
EMS	275	Emergency Responder Defensive Driving	2
EMRC	105	EMR Foundations I	5
EMRP	125	EMR Placement	1
EMRC	130	EMR Professionalism	1
HEED	105	Personal Health & Wellness	3
RSER	213	Advanced Curriculum in Math	3
Total			18

Career Potential:

Environmental Technologist Diploma

Diploma: Lac La Biche, Hybrid Learning

The Environmental Technologist program is designed for people who have a love for the outdoors and a strong interest in environmental sustainability. This program allows students to learn about the natural world in the classroom, spend an abundant amount of time in the field with hands-on learning, and the ability to apply it to current natural resource management issues.

Graduates of the Environmental Technologist Diploma program can pursue diverse careers as environmental technicians in consulting firms, government agencies, oil & gas, and sectors related to the environment, forestry, and parks. Graduates will be equipped with the skills to conduct various field and laboratory tasks, including water and fish sampling, wildlife sweeps, deploying recording devices, wetland classification, and plant and soil surveys.

Admission Requirements:

- English Language Arts 30-2 at 60%
- Chemistry 30 or Science 30 at 50%, OR Biology 20 or Chemistry 20 at 60%
- Biology 30 (recommended)

Curriculum:

Year 1 Required Courses				Credits
NRES	106	Introductions to Soils		3
ENGL	102	Introductory Composition		3
NRES	115	Fisheries		3
NRES	107	Water and Wetlands		3
NRES	108	Field Botany		3
NRES	109	Mapping and Navigation		3
NRES	110	Weeds and Weed Control		3
NRES	112	Introduction to Fish and Wildlife		3
NRES	1123	Forest Land Management		3
NRES	114	Industry Certifications		6
NRES	111	GPS/GIS and Aerial Photo Interpretation		3
NRES	120	Work Experience		3
Total				39

Year 2 Required Courses				Credits
EASC	101	Intro to Earth Science: Geology & Geomorphology		3
NRES	204	Ecosite Assessment		3
NRES	205	Petroleum Land Management		3
NRES	206	Soil Conservation		3
NRES	233	Statistics and Data Management		3
BIOL	208	Principles of Ecology		3
NRES	203	Wildlife Techniques		3
NRES	207	Environmental Law		3

NRES	208	Wildlife Techniques	3
NRES	210	Reclamation	3
Total			30

Transferability:

This program has transfer options available, with up-to-date information accessible through the Alberta Council on Admissions and Transfer (ACAT) and/or the Transfer Department. Students who wish to carry on their education can do so at one of the following post-secondary institutions:

- Athabasca University: Transfers to a Bachelor of Science Post Diploma on a course-by-course basis (Max 60 credits) * subject to change.
- Lakeland College: Transfers into a Bachelor of Applied Science: Environmental Management. Students must maintain a cumulative 2.3 GPA.
- Lethbridge Polytechnic: Transfers into a Bachelor of Applied Science in Conservation Enforcement. Students must complete a bridge year of six 3-credit courses in Plants and Law.
- University of Alberta: Transfers into a Bachelor of Science in Environmental and Conservation Sciences (Land Reclamation Major). Students must obtain all diploma requirements and a cumulative 3.0 GPA.
- MacEwan University: Transfers into a Bachelor of Science on a course-by-course basis.
- University of Prince Edward Island: Transfers into a Bachelor of Wildlife Conservation. Students must maintain a cumulative GPA of 3.2 or higher.
- University of New Brunswick: Transfers into a Bachelor of Science in Forestry or Bachelor of Science in Environmental Management. Students must maintain an overall average of 70% or higher.

Career Potential:

Graduates may enjoy careers in industries such as Environmental Consulting, Forestry, Oil & Gas, or working for Non-Profit Organizations, First Nations, or Municipal, Provincial, or Federal Governments.

Essentials For Teaching Post-Diploma Certificate

Post-Diploma Certificate: Online

This program is designed for individuals who already hold a diploma in a related field, a degree, or a journeyperson certificate and want to transition into secondary teaching (Grades 7-12). The program builds foundational knowledge and practice in planning, instruction, assessment, inclusion, educational psychology, educational technology, professional conduct, and classroom practice. Apart from the practicum, courses are intended to be completed online, one at a time, in the evenings, allowing students to continue working while studying. The program includes one supervised teaching practicum of at least six weeks in a school setting.

Admission Requirements:

Applicants to the Essentials in Teaching Post-Diploma must have

- a diploma*, degree*, or journeyperson** certificate in a grade 7-12 subject or programming area
- have received a Letter of Assessment from Alberta Education and Childcare confirming completion of the online Teaching Quality Standard and Professional Conduct and Competency for Teachers and Teacher Leaders Regulation course.

Applicants whose first language is not English must demonstrate **English Language Proficiency** for admission to Education programs.

*Diploma or degree applicants must be in a field that matches an Alberta Program of Study subject or specialization area

**Journeyperson applicants must be in a field that matches an Alberta Career and Technology (CTS) specialization.

Curriculum:

Required Courses			Credits
EDUC	200	Introduction to Teaching	3
EDUC	250	Educational Psychology	3
EDUC	300	Educational Technology	3
EDUC	315	Professional Conduct and Competency	3
EDUC	320	Science of Teaching and Learning	3
EDUC	323	Planning, Instruction, and Assessment	3
EDUC	324	Curriculum and Learning Design	3
EDUC	440	Positive Behaviour Supports	3
EDUC	450	Inclusive Education	3
EDUC	390	Essential Teacher Practicum I	3
Total			30

Career Potential

Graduates of the Essentials in Teaching Post-Diploma are prepared for teaching roles in Grades 7 to 12 in a discipline related to their prior diploma, degree, or journeyperson background.

Graduates of the Essentials in Teaching Post-Diploma are also eligible to transfer into a recognized Bachelor of Education program where they can complete an additional year to meet degree requirements.

Fine Arts Certificate

Certificate: Lac La Biche, In-Person Learning

The Portage College Fine Arts Certificate is for creative individuals who want to develop their skills as artists and those interested in a visual arts career through an authentic art learning experience. The certificate program provides transferability and a pathway for further study at other post-secondary institutions for a Bachelor of Fine Arts.

Admission Requirements:

- English Language Arts 30-2

Students who do not meet the admission requirements contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process

Curriculum:

Year 1 Required Courses			Credits
VISA	172	Art Expose	1
ELEC	100	Elective	3
ARTH	101	Introduction to the History of Western Art I	3
ARTH	102	Introduction to the history of Western Art II	3
ELEC	100	Junior Level English	3
VISA	108	Fine Arts Studio I	3
NATA	166	Visual Arts I- Drawing	3
NATA	167	Visual Arts II – Painting	3
NATA	168	Visual Arts III – Printmaking and Mixed Media	3
NATA	169	Visual Arts IV – Media Exploration II	3
NATA	173	Visual Arts V-Making/2D Composition	3
Total			31

Transferability:

Students who wish to carry on their education can do so at one of the following post-secondary institutions:

- Athabasca University: Transfers into a Bachelor of Professional Arts.
- MacEwan University: Transfers into a Bachelor of Fine Arts.
- Yorkville Bachelor of Creative Arts: [View Video](#)

*Students are encouraged to consult [Transfer Alberta](#) or speak to a student advisor about specific transferability.

Career Potential:

Portage College Fine Arts program cultivates the strong foundational skills needed for various careers available in the arts and culture sector, including: Animator, fine artist, art curator, illustrator, architect, tattoo artist, museum interpreter, video game designer, textile designer, commercial artist, art teacher, interior designer, photographer, clothing designer, art director, art archivist, art historian, art therapist, book illustrator, art professor, creative art director, graphic novel artist, cultural planner and many more.

Hairstyling Certificate

Certificate: Lac La Biche, In-Person Learning

Hair professionals today require a balance of technical, creative, interpersonal, and entrepreneurial skills to succeed in a competitive industry. Train with our experienced, professional instructors in a program that combines hands-on skills and technical knowledge.

As a recognized program by Alberta Apprenticeship and Industry Training (AIT), the Hairstyling program will prepare you to write your theory and practical provincial exams upon successfully completion. With a journey-person ticket and Red Seal certification, you can work anywhere in Canada. As a certified hairstylist, you can work hours that meet your lifestyle, part-time or full-time, in a well-paid job. Whether you decide to continue working in an established salon or start a home-based business, this is truly a flexible, high demand occupation.

Admissions Requirements:

- English Language Arts 10-2
- Math 10-3

Students who do not meet the admission requirements contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process

Curriculum:

Required Courses			Credits
HAIR	120	Hairstyling Foundations	3
HAIR	121	Hair and Scalp Care	1
HAIR	122	Salon Operations and Consultations	2
HAIR	123	Haircutting	8
HAIR	124	Salon 1	4
HAIR	220	Hair Colouring	5
HAIR	221	Hairstyling	3
HAIR	222	Chemical Texturizing	4
HAIR	223	Specialized Services	2
HAIR	224	Salon 2	4
SAFE	071	Workplace Hazardous Materials Information System	0
Total			36

Indigenous Arts Certificate

Certificate: Lac La Biche, In-Person Learning

This program teaches traditional Indigenous art forms as well as introductory-level theory and skills in various other fine arts and craft media. Students will learn traditional and contemporary Indigenous art forms such as beading, carving, footwear, sewing, and hide tanning, in addition to the cultural and historical significance of these art forms. The study of Indigenous art is complimented by learning various visual art skills in drawing, painting, sculpture, printmaking, and mixed media. Students will have the opportunity to work with several mediums to explore and discover their artistic passion. A project practicum offers students the basics of developing quality products and workmanship as an artisan cooperative.

The courses introduce techniques and designs so that students create work inspired by traditional and contemporary approaches. The focus of the program is on developing skills and exploring media. The curriculum will focus on imparting knowledge and skills relevant to professional practice and promoting the artist's work through increased exposure and sales. In addition, students will work with an artist from the Art in Residence program.

This certificate will prepare you for further study in Portage College diploma programs through the development of a portfolio that will document your artistic and professional development. The certificate also provides you with the knowledge and skills to work in Indigenous communities, with Indigenous populations and a variety of other situations.

Admission Requirements:

- English Language Arts 30-2
- Interview with Coordinator

Students who do not meet the admission requirements can contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process

Curriculum:

Required Courses			Credits
NATA	171	Art Expose	2
NATA	116	Beadwork I	3
NATA	114	Carving I	3
NATA	090	Communications & Computer Basics	2
NATA	120	Decorative Arts I	2
NATA	174	Project Practicum	3
NATA	118	Footwear I	3
NATA	110	Hide Tanning I	3
NATA	122	Nature Crafts I	2
NATA	112	Sewing I	3
NATA	166	Visual Arts I: Drawing	3
NATA	167	Visual Arts II: Painting	3
NATA	168	Visual Arts III: Printmaking & Mixed Media	3
NATA	169	Visual Arts IV: Media Exploration II	3
Total			38

Transferability:

Transferable to University Studies; NATA166, NATA167, NATA168, and NATA169.

Students who wish to carry on their education can do so at one of the following post-secondary institutions:

- Alberta University of the Arts
- MacEwan University

*Students are encouraged to consult [Transfer Alberta](#) or speak to a student advisor about specific transferability

Indigenous Arts Diploma

Diploma: Lac La Biche, In-Person Learning

Our program is structured on the knowledge and appreciation of traditional Indigenous art forms. The teaching method follows a traditional Indigenous style, emphasizing verbal and visual guidance in a practical learning setting.

The Indigenous Arts Diploma is a two-year program that focuses on developing the skills and knowledge to be a self-employed artist. In the first year of the program, students will complete the Indigenous Arts Certificate, which covers core Indigenous art forms and introductory-level study in various other fine arts and craft media.

Following the Indigenous Arts Certificate program, you will continue to study First Nations, Métis and Inuit traditional and contemporary art forms in advanced courses in painting and drawing, hide tanning, carving, sewing, footwear, beadwork, and decorative arts while identifying an area of focus or interest. The program includes studio courses that provide you with the opportunity for directed study, under the supervision of instructors, in an identified area of interest and skill such as drawing and painting, printmaking, carving, digital media, and other media.

During this year you will also study and learn entrepreneurial skills in each Indigenous art course by learning pricing and quality standards of products. You will learn marketing through courses such as Introduction to Marketing Arts & Crafts and Creating an Online Business. In these courses, you will develop your own website as well as learn other important marketing skills and business knowledge such as business networking skills and potential business resources.

Admission Requirements:

- English Language Arts 30-2
- Interview with Coordinator

Students who do not meet the admission requirements can contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process

Year 1 Required Courses			Credits
NATA	171	Art Expose	2
NATA	116	Beadwork I	3
NATA	114	Carving I	3
NATA	090	Communications & Computer Basics	2
NATA	120	Decorative Arts I	2
NATA	174	Project Practicum	3
NATA	118	Footwear I	3
NATA	110	Hide Tanning I	3
NATA	122	Nature Crafts I	2
NATA	112	Sewing I	3
NATA	166	Visual Arts I: Drawing	3
NATA	167	Visual Arts II: Painting	3
NATA	168	Visual Arts III: Printmaking & Mixed Media	3
NATA	169	Visual Arts IV: Media Exploration II	3
Total			38

Year 2 Required Courses			Credits
VISA	172	Art Expose II	1
NATA	117	Beadwork II	2
NATA	154	Care & Collections	2
NATA	115	Carving II	2
COMM	100	Communications for Artists	3
ECOM	100	Creating an Online Business	3
COMA	141	Computers	2
NATA	121	Decorative Arts II	3
NATA	119	Footwear II	3
NATA	111	Hide Tanning II	3
NATA	142	Intro to Marketing Arts and Crafts	3
NATA	123	Nature Crafts II	2
NATA	113	Sewing II	3
VISA	105	Studio I	2
VISA	106	Studio II	2
Elective		NATS163 (Foundational Indigenous Arts Instruction), or, NATA173 (Visual Arts V- 2D)	3

Total **39**

Transferability:

Students who wish to carry on their education can do so at one of the following post-secondary institutions:

- Alberta University of the Arts
- MacEwan University

*Students are encouraged to consult [Transfer Alberta](#) or speak to a student advisor about specific transferability.

Career Potential:

Combine your love of art with entrepreneurial skills to equip yourself for self-employment or work in one of the many visual arts and Indigenous art and culture careers. Jobs include positions with museums, historic sites, native friendship centers, and community and government organizations.

Kinesiology and Sports Studies Diploma

Diploma: Lac La Biche, Hybrid Learning

This program will explore human body movement through a comprehensive lens, including anatomical, physiological, psychological, nutritional, and mechanical aspects, with a particular focus on the assessment and prescription of exercise for positive health-related results in the community. This in-depth understanding of health and fitness will enable you to advocate for wellness by promoting healthy lifestyle choices. Graduates will be well-equipped for careers across a range of environments within health and wellness sectors.

Admission Requirements:

- English Language Arts 30-2 at 60%
- Math 30-2 at 60%
- Biology 30

Curriculum:

Year 1 Required Courses				Credits
BIOL	230	Anatomy I		3
BIOL	231	Physiology I		3
ENGL	102	Introductory Composition		3
FAID	073	Standard First Aid/ Level C CPR		0
KINS	110	Foundations of Human Movement		3
KINS	111	Introduction to Sociocultural Foundations of Physical Education, Leisure, and Sport		3
DIAW	101	Diversity Awareness		0
KINS	112	Introduction to Personal Physical Activity		3
KINS	115	Applied Resistance Training		3
KINS	117	Introduction to Nutrition		3
KINS	118	Measurement and Evaluation		3
Elective		KINS114 (History of Sport), or, KINS120 (Introduction to Coaching), or University Transfer Option.		3
Total				30

Year 2 Required Courses				Credits
INTD	205	Career Internship I		3
KINS	211	Introductory to Athletic Therapy		3
KINS	212	Physiology of Exercise		3
KINS	217	Adapted Physical Education		3
KINS	226	Skill Acquisition and Motor Performance		3
ELEC	100	Elective		3
BIOL	232	Physiology II		3
KINS	213	Biomechanics		3
KINS	216	Metabolic Conditioning		3
ELEC		Students may choose a KINS course option or approved University Transfer course.		3
Total				30

Transferability:

Transferable to other Alberta post-secondary institutions such as Athabasca University, Bow Valley College, the University of Alberta, and Concordia University. Please refer to [Transfer Alberta](#) for more detailed information based on the courses selected.

Career Potential:

Graduates of a Kinesiology Diploma program are equipped to pursue a wide variety of career paths in the health, fitness, sports, and rehabilitation fields. Some of the most common and rewarding career options include kinesiologist, athletic therapist, personal trainer, sports coach, exercise physiologist, sports nutritionist/dietitian, rehabilitation specialist, and health and wellness coach.

See Portage website for advanced career paths.

Office Administration Certificate

Certificate: Synchronous Online Learning

This 35-week program prepares you for immediate employment in a constantly changing office environment. You will obtain the knowledge and skills required to gain employment in administrative support positions in business, government, and non-governmental organizations. The last component of the program is a three-week practicum placement aimed at providing on-the-job training, furthering your employment opportunities.

Admission Requirements:

- English Language Arts 20-2
- Math 10-3, OR MATH 1041 (Portage College) at 60%

Students who do not meet the admission requirements contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process

Curriculum:

Year 1 Required Courses			Credits
CMIS	102	Word Processing I	3
CMIS	112	Spreadsheets	2
COMM	123	Business Communications I	3
KEYB	136	Keyboarding	1
MATH	115	Business Math	3
OFFR	100	Office Management	4
ACCT	101	Fundamentals of Accounting	3
BUSI	116	Human Relations and Career Preparation	3
CMIS	103	Word Processing II	2
CMIS	115	Data Bases	1
CMIS	122	Software Projects	2
COMM	124	Business Communications II	3
KEYB	138	Keyboarding	1
OFFR	102	Virtual Office Administration	2
BUSI	142	Business Practicum	2
Total			35

Career Potential:

Employment opportunities are not limited to private businesses. The Alberta government, colleges, municipalities, settlement, and band offices have all hired Office Administration graduates. Possible job opportunities are:

- Administrative assistant
- Human resources assistant
- Medical receptionist
- Receptionist
- Records management assistant
- Secretary

Practical Nurse

Diploma: Cold Lake, Lac La Biche, St. Paul, Hybrid Learning

Our program emphasizes collaboration, health promotion, and family-centered nursing. You'll be equipped with the skills and knowledge required to work in a wide variety of health care settings, both rural and urban. Our enthusiastic, experienced instructors focus on building your competency in nursing practice through imaginative, innovative classroom and lab experiences. As a graduate, you'll be eligible to write the national licensing examination administered through the College of Licensed Practical Nurses of Alberta (CLPNA).

This two-year diploma program is delivered via Hybrid delivery with some classes and all labs being offered in person, and some classes being offered online. Students in the first semester of their program can expect most of their classes to be online with in-person labs and exams.

Admission Requirements:

High School Diploma Recommended

- English Language Arts 30-1 at 60% or
- English Language Arts 30-2 at 70%
- Biology 30 at 60%
- Math 20-2 at 60%
- Chemistry 30 strongly recommended.

Those who do not meet admission requirements are encouraged to look into open studies.

Other:

- Minimum age of 18 prior to first practicum placement
- Copy of CPR Heart & Stroke BLS for Healthcare Providers Certificate to be completed within 3 weeks prior to program's August start date to ensure certification remains valid through their first clinical.
- Current Immunization record, signed by a Canadian physician, nurse practitioner, or public health nurse- to be completed before clinical placement.
- Signed Immunization and Placement Disclosure Waiver Form.
- Health Status Questionnaire signed by a nurse practitioner or physician.
- Police Information Check & Vulnerable Sector Search- To be completed within 90 days of program start date.
- Refer to Moodle for minimum technical requirements.
- ESL- ALL students whose first language is not English must meet one of the following:
 - » IELTS Academic Format with minimum scores as follows: Listening 7.5; Reading 6.5; Writing 7.0; Speaking 7.0.
 - » TOEFL iBT (internet Based) with minimum test scores as follows: Listening 23; Reading 21; Writing 25; Speaking 22.
 - » CELBAN, with a minimum test score as follows: Listening 10; Reading 8; Writing 7; Speaking 7

NOTE: Testing must have been completed within two years prior to application to the program.

Curriculum:

Year 1 Required Courses			Credits
BIOL	230	Anatomy I	3
COMM	135	Communications for Health Professionals	3
NURS	152	Health Assessment	4
HEED	105	Personal Health & Wellness	3

ENGL	102	Introductory Composition	3
PSYC	104	Introductory Psychology	3
NURS	148	Nursing Foundations: Introduction to Nursing	5
NURS	149	Nursing Foundation 2: Basic Nursing	7
NPRT	155	Nursing Practice 1: Continuing Care Practicum	5
PHRM	250	Pharmacotherapeutics for Health Professionals	3
BIOL	231	Physiology I	3
BIOL	232	Physiology II	3
Total			45

Year 2 Required Courses

			Credits
NPRT	210	Nursing Practice 2: Acute Care Practicum	4
SOCI	125	Communications for Health Professionals	3
NURS	200	Nursing Foundations 3: Medical Surgical Nursing	9
NURS	203	Nursing Foundations IV: Maternity	3
NURS	205	Nursing Foundations V: Pediatrics	3
NURS	206	Nursing Foundations VI: Community Nursing	3
NURS	204	Nursing Foundations VII: Mental Health	3
NURS	202	Nursing Foundations VIII: Transition to Practical Nurse Graduate	3
NPRT	215	Nursing Practice 3: Acute Care Practicum	4
NURS	230	Nursing Practice: Final Comprehensive Practicum	7
Total			42

Transferability:

Transfer credit listed on the [ACAT \(Alberta Council on Admissions and Transfer\)](#) website will be approved for transfer credit to Portage College. Specific credit awards to a program are subject to the requirements and regulations of the admitting program and may vary from the total credit awarded by Portage College. To determine if this program transfers to other institutions refer to the [ACAT website](#).

Think you might have courses similar? Check this site [Alberta Government Link](#) for agreements.

Prior Learning Assessments are available for the PN program. If you feel you have prior learning that you would like assessed or have questions about this assessment process, please contact one of our Student Advisors. Our Student Advisors can provide you with the Prior Learning Assessment guideline and related application form. For more information on the processes of PLAR for the Practical Nursing program, [click here](#).

Career Potential:

Graduates will be eligible for jobs in acute care hospitals, continuing care centers, community care settings, client homes or doctor's offices. Practical nurses earn approximately \$33.16 to \$43.42 per hour.

Pre-Apprenticeship Carpentry

Lac La Biche, Hybrid Learning

This program incorporates an Academic Upgrading portion which will be delivered online or blended, with courses unique to each student. Theory will be assessed through tests and exams, while performance-based outcomes will be assessed in the lab.

Students will each participate in an 8-week, 200-hour, trade-appropriate work placement which may be used for apprenticeship hours. Graduates are eligible to challenge the period one examination administered through Alberta Apprenticeship and Industry Training.

Our enthusiastic, experienced instructors integrate individual learning needs and imaginative, innovative classroom and lab experiences.

Admission Requirements:

- Placement testing for enrollment of English Language Arts 10-2 and Math 10-3 OR
- Completion of Portage College COMM 300 and MATH 300 courses

Students who do not meet the admission requirements can contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process

Curriculum:

Required Courses			Credits
Elective		Students will be enrolled in a full course load of academic upgrading. Two 5-credit core courses of Math, English, or Science and 3 credits of options courses. Please refer to the College Preparation summary.	13
CMS	010	Common Safety Orientation	0
CONT	120	Construction Safety Training Systems	0
DIAW	101	Diversity Awareness	0
CARP	145	Safety and Building Materials	1
CARP	150	Tools	3
CARP	155	Site Preparation & Building Layout, Foundations and Floor Frame Systems	3
CARP	170	Residential Estimating & Drawing Interpretation	3
CARP	180	Shop	6
SAFE	085	Fall Protection	0
WORK	100	Work Experience	4
Total			33

Career Potential:

Pre-Apprenticeship Carpentry prepares students for direct entry into employment and/or further studies.

Pre-Apprenticeship Heavy Equipment Technician

Lac La Biche, Hybrid Learning

This program starts with academic upgrading, then heavy equipment technician training – both theory and practical and concludes with on-the-job technical training. All students will receive support in job placements which may be used for apprenticeship hours. Students will each participate in an 8-week, 200-hour, trade-appropriate work placement. Upon completion, you will graduate with a certificate which will allow credits towards apprenticeship training in the future.

Admission Requirements:

- Completion of English Language Arts 10-2 and Math 10-3, OR
- Completion of Portage College COMM 300 and MATH 300 courses

*Students who do not meet the admission requirements can contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process.

Curriculum:

Required Courses		Credits
Elective	Students will be enrolled in a full course load of academic upgrading. Two 5-credit core courses of Math, English, or Science and 3 credits of options courses. Please refer to the College Preparation summary.	13
CMS	010 Common Safety Orientation	0
CONT	120 Construction Safety Training Systems	0
DIAW	101 Diversity Awareness	0
HETA	101 Standard Workplace Safety Materials & Tools	2
HETA	102 Suspension, Wheels, and Systems	3
HETA	103 Hydraulics 1 & Hydraulic Brake Systems	3
HETA	104 Electrical 1 & Electronics 1	3
HETA	105 Air Brakes	3
HETA	106 Lab/Practical Period 1	2
WORK	100 Work Experience	4
Total		33

Career Potential:

Pre-Apprenticeship Heavy Equipment Technician prepares students for direct entry into employment and/or further studies.

Pre-Apprenticeship Welding

Lac La Biche, Hybrid Learning

This unique Pre-apprenticeship program prepares students to enter the dynamic profession of Welding. This program incorporates an Academic Upgrading portion which will be delivered online or blended, with courses unique to each student. Theory will be assessed through tests and exams, while performance-based outcomes will be assessed in the lab.

Students will each participate in an 8-week, 200- hour, trade-appropriate work placement which may be used for apprenticeship hours. Graduates are eligible to challenge the period one examination administered through Alberta Apprenticeship and Industry Training. Our enthusiastic, experienced instructors integrate individual learning needs and imaginative, innovative classroom and lab experiences.

Admission Requirements:

- Placement testing for enrollment of English Language Arts 10-2 and Math 10-3, OR
- Completion of Portage College COMM 300 and MATH 300 courses

Students who do not meet the admission requirements can contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process

Curriculum:

Required Courses		Credits
Elective	Students will be enrolled in a full course load of academic upgrading. Two 5-credit core courses of Math, English, or Science and 3 credits of options courses. Please refer to the College Preparation summary.	13
CMS	010 Common Safety Orientation	0
CONT	120 Construction Safety Training Systems (CSTS)	0
DIAW	101 Diversity Awareness	0
PWELD	160 Welding Technology and Properties of Metal	4
PWELD	161 Cutting Lab	1
PWELD	162 FCAW Lab	2
PWELD	170 Workplace Safety and Tools	1
PWELD	172 Trades Math	2
PWELD	177 GMAW, FCAW, MCAW, & Saw Theory	5
PWELD	178 GMAW Lab	1
SAFE	072 H2S Alive	0
SAFE	073 Confined Space Entry	0
SAFE	085 Fall Protection	0
WORK	100 Work Experience	4
Total		33

Career Potential:

Pre-Apprenticeship Welding prepares students for direct entry into employment and/or further studies.

Pre-Employment Heavy Employment Technician

Certificate: Lac La Biche, In-Person Learning

If you're interested in working with heavy vehicles, industrial heavy equipment, and commercial transport devices, the Pre-employment Heavy Equipment Technician program will get you started! Delivered on site at our Lac La Biche campus, this 12-week program will introduce you to hydraulics, electrical and electronics, brake systems, air brakes, hand, shop, and power tools, and workplace safety. Sometimes referred to as a Heavy-Duty Mechanic, the Heavy Equipment Technician is a high-demand career and after successfully passing the Pre-employment program you will have the opportunity to write the First Period Apprenticeship exam and begin your pathway towards a Red Seal trade.

Admission Requirements:

- English Language Arts 20-2
- Math 20-3
- Science 10
- Or Equivalent
- Or a pass mark in all five Canadian Adult Educational Credential (CAEC)

Curriculum:

Required Courses				Credits
CMS	010	Common Safety Orientation		0
CONT	120	Construction Safety Training Systems (CSTS)		0
DIAW	101	Diversity Awareness		0
HETA	101	Standard Workplace Safety Materials and Tools		2
HETA	102	Suspension, Wheels, and Systems		3
HETA	103	Hydraulics 1 & hydraulic Brake Systems		3
HETA	104	Electrical 1 & Electronics 1		3
HETA	105	Air Brakes		3
HETA	106	Lab/Practical Period 1		2
Total				16

Career Potential:

Heavy equipment technicians are typically employed by specialized repair shops or companies that own or lease heavy equipment used in construction, forestry, agriculture, mining, materials hauling and transportation industries. An experienced journeyman may find opportunities to advance into supervisor or service manager positions.

Pre-Employment Welding

Certificate: Lac La Biche, In-Person Learning

Interested in obtaining training and employment in the welding field? This pre-employment program is recommended to those with a burning desire to get into a welding career, having little or no previous exposure. It provides 12 weeks of theory and practical in the classroom and shop. You will also have the opportunity to attain safety training certification in:

- TDG, WHMIS, H2S Alive, Confined Space, Aerial Platform, Fall Protection and more- based on individual needs for employability enhancement.
- Admission Requirements:
- English Language Arts 10-2
- Math 10-3

Students who do not meet the admission requirements can contact Student Services regarding opportunities for placement testing. Students will need to submit an application to the program to start this process

Curriculum:

Required Courses			Credits
CMS	010	Common Safety Orientation	0
CONT	120	Construction Safety Training Systems (CSTS)	0
DIAW	101	Diversity Awareness	0
PWELD	160	Welding Technology and Properties of Metal	4
PWELD	161	Cutting Lab	1
PWELD	162	FCAW Lab	2
PWELD	170	Workplace Safety and Tools	1
WELD	172	Trades Math	2
PWELD	177	GMAW, FCAW, MCAW, & Saw Theory	5
PWELD	178	GMAW Lab	1
Total			16

Career Potential:

Upon successful completion of the Portage College program, students will be given the opportunity to challenge the First Period Apprenticeship Welder exam. In passing the Provincial Apprenticeship exam, you will have the opportunity to work in industry as an apprentice welder, welder's helper, as well as other related jobs in the welding industry.

Pre-Health Sciences Certificate

Certificate: Lac La Biche, Multi-Access Learning

The Pre-Health Sciences Certificate introduces students to diverse career options available in the health field. Students who have an interest in health care but are uncertain about career direction have an opportunity to explore fundamental concepts related to health. Students will also develop essential skills in studying, writing, information literacy and digital literacy which will prepare them for a successful career in a variety of environments and career pathways within the health field. This program is designed to be completed over one year and will include a combination of hyflex and online courses.

Admission Requirements:

- English Language Arts 30-2 at 60%
- Biology 30
- Math 30-2 at 60%

Curriculum:

Required Courses			Credits
BIOL	230	Anatomy I	3
BIOL	231	Physiology I	3
BIOL	232	Physiology II	3
COMM	135	Communications for Health Professionals	3
ENGL	102	Introductory Composition	3
Elective		ENG102, or STAT141	3
FIAD	073	Standard First Aid/Level C CPR	0
HEED	105	Personal Health & Wellness	3
INTD	205	Career Internship 1	3
PSYC	104	Introductory Psychology	3
STAT	141	Introduction to Statistics & Research Methods	3
Total			30

Transferability:

Transferable to other Alberta post-secondary institutions such as Athabasca University, Bow Valley College, the University of Alberta, and Concordia University. Please refer to [Transfer Alberta](#) for more detailed information based on the courses selected.

Career Potential:

A Pre-Health Science Certificate can open doors to a variety of career paths in the healthcare field. While the certificate itself is often a stepping stone for further education, it can help you prepare for roles such as Health Care Aide, Medical Office Assistant, Pharmacy Assistant, Laboratory Technician, and many more.

Students have the opportunity to continue their studies at Portage College in programs such as Primary Care Paramedic, Practical Nurse, or Advanced Care Paramedic.

For some of these careers, additional certification or education may be required, but the Pre-Health Science Certificate will provide a solid foundation for pursuing these paths or further training in specialized healthcare fields.

Primary Care Paramedic

Certificate: Lac La Biche, Hybrid Learning

Primary Care Paramedics (PCPs) are integral members of Emergency Medical Services and provide basic life support, medical and trauma care in health services and industrial settings. They may be the first to arrive on scene, they may be the only provider in remote areas, or they may work collaboratively in a team with other EMS/health care providers, first responders (i.e. Fire, Police) or community support agencies. Duties vary depending on the employment setting but responsibilities for PCPs include patient assessment, treatment, stabilization, and transportation.

Admission Requirements:

- English Language Arts 30-1 at 60% OR English language Arts 30-2 at 70%
- Biology 30 with a minimum 60%
- Math 20-2 with a minimum 60%
- Chemistry 30 strongly recommended.
- Minimum age 18

Required Documents:

- Standard First Aid certification (issued within one year of course start date) or Medical First Responder Certificate or Emergency Medical Responder Certificate
- BLS- Heart and Stroke Foundation Basic Life Support for Health Care Provider (issued within one year of course start date)
- Photocopy of current Class 5 Alberta driver's license or class 4 Alberta Drivers license. Completed Portage College Waiver form
- Police Information Check and Vulnerable Sector Search within two months of program start date.
- Mandatory signed forms: Police Information Check, Immunization and Placement Disclosure and Health Status Form.
- iPad, tablet, or smartphone for competency tracking with CompTracker Program. Please contact the program for additional details or questions.
- Please refer to Moodle for minimum technical requirements.
- ESL- ALL students whose first language is not English must meet one of the following:
 - » IELTS Academic Format with minimum scores as follows: Listening 7.5; Reading 6.5; Writing 7.0; Speaking 7.0.
 - » TOEFL iBT (internet Based) with minimum test scores as follows: Listening 23; Reading 21; Writing 25; Speaking 22.

NOTE: Testing must have been completed within two years prior to application to the program.

Curriculum:

Required Courses			Credits
ACP	221	Physical Examination & History Gathering	3
BIOL	230	Anatomy	3
BIOL	231	Physiology I	3
BIOL	232	Physiology II	3
COMM	135	Communications for Health Professionals	3
BIOL	231	Physiology I	3

EMS	250	Professional Driving	1
PCP	110	Ambulance Placement	5
PCP	111	Clinical Placement	1
HEED	105	Personal Health & Wellness	3
PCP	130	Paramedic Foundations I	8
PCP	200	Paramedic Foundations II	8
PCP	210	Paramedics in Special Populations	4
PCP	220	Professional Paramedics 2	3
PHRM	250	Pharmacotherapeutics for Health Professionals	3
SAFE	070	Transportation of Dangerous Goods	3
SAFE	071	Workplace Hazardous Materials Information System	1
Total			51

Transferability:

For those interested in pursuing a career as an Advanced Care Paramedic, registration as a PCP with the Alberta College of Paramedics is a prerequisite for acceptance into Advanced Care Paramedic program.

Career Potential:

Primary Care Paramedic graduates may be employed in rural or urban ambulance services, in various industrial settings or with municipal fire departments.

Professional Cooking Certificate

Certificate: Lac La Biche, In-Person Learning

The Professional Cooking Certificate prepares students for entry-level culinary careers by developing strong foundational skills in food preparation, kitchen operations, and professional standards. Training takes place in a live-service environment connected to the Portage College cafeteria and culinary events, giving students real-time experience with production cooking, teamwork, and customer service.

Students gain core skills in culinary foundations, stocks, soups, and sauces, vegetables and carbohydrates, proteins, fish and seafood, breakfast and dairy, garde manger, baking and pastries, nutrition, foodservice math, and industry safety certifications. The program concludes with a 120-hour practicum in an industry kitchen.

Admission Requirements:

- English Language Arts 10-2 at 60%
- Math 10-3 at 60%

*Students who do not meet admission requirements can contact student services regarding opportunities for placement testing. Students will need to submit an application to the program to start the process.

Curriculum:

Required Courses			Credits
CULA	103	Industry Certifications	2
CULA	104	Culinary Foundations	2
CULA	105	Stock, Soup, & Sauces	4
CULA	106	Breakfast, Dairy, & Beverage	3
CULA	107	Foodservice Math	2
CULA	108	Balanced Nutrition	3
CULA	109	Garde Manager	1
CULA	110	Culinary Applications 1	5
CULA	111	Protein Fundamentals	5
CULA	112	Baking & Pastries	3
CULA	113	Fish & Seafood	8
CULA	114	Vegetables, Fruits, and Carbohydrates	3
CULA	115	Culinary Applications 2	1
CULA	116	Practicum	3
Total			36

Transferability:

This program has transfer options available, with up-to-date information accessible through the [Alberta Council on Admissions and Transfer \(ACAT\)](#) and/or the Transfer Department.

Career Potential:

Line Cook / Prep Cook, Garde Manger, Breakfast Cook, Baker's Assistant, Catering Cook, Commis / Chef de Partieso), Foodservice Administrator, Culinary Entrepreneur or Food Creator

University Studies Diploma

Diploma: Cold Lake, Lac La Biche, St. Paul, Multi-Access Learning

The University Studies Diploma program at Portage College is for students looking to take a full-time program. The Program offers a range of transferable university courses that provide students with a foundation for pursuing further studies and career preparation in selected areas of Science, Arts, Health, Business, Education, and Human Services. Students can select courses to meet their individual needs, bridge into diploma programs at Portage College, or transfer credits to other institutions, including universities.

Course credits are transferable to universities and colleges in Alberta.

Admission Requirements:

High School → A minimum average of 60% and no mark lower than 50% in the following courses:

- English Language Arts 30-1
- Four other 30 level courses (95 credits each) from the following list.
 - » **Humanities:** Social Studies 30-1, 30-Level language other than English, Aboriginal Studies 30
 - » **Fine Arts:** Art 30, Art 31, Dance 35, Drama 30, Music 30
 - » **Sciences:** Biology 30, Chemistry 30, Science 30, Mathematics 30-1, Mathematics 30-2*, Mathematics 31 (Courses may be particular junior level science or mathematics university courses) *dependent on the program this course may not be accepted by other institutions as entrance requirements or pre-requisites.
 - » **Electives:** Physical Education 30, World Geography 30, Advanced CTS subjects (5 credits max)

Mature Student → 19 years of age or older, out of high school for at least one full year, and a minimum average of 60% with at least 50% in English Language Arts 30-1 and one other five credit Grade 12 course.

Open Studies Admission → Successful completion of nine credits

International Student Admission → Based on transcripts, students may need to complete Grade 12 English Proficiency exam and subject area proficiency exam based on the degree stream selection.

OTHER REQUIREMENTS

- Complete high school transcripts and post-secondary transcripts (if applicable)
- May be required to an interview with the instructor or coordinator.

To graduate with a University Studies Diploma, students must complete 60 credits according to the following requirements:

Required Courses			Credits
MINIMUM OF SIX CREDITS IN JUNIOR ENGLISH			
			5
ENGL	106	Introduction to Drama & Poetry	3
ENGL	108	Introduction to the Novel and the Short Story	3
SIX CREDITS IN SCIENCE			
BIOL, CHEM, MATH, EASC, or combination			6
SIX CREDITS IN HUMANITIES			
Senior-level English, History, Philosophy, Religious Studies, etc. *Max of 42 credits at the 100 junior level			6
Total			60

Transferability:

Transfer Agreements are in place with many different post-secondary institutions across the province and country including the University of Alberta, the University of Calgary, and MacEwan University.

Students are encouraged to check out partnership bachelor programs.

Career Potential:

Graduates of our University Programs are able to continue their studies in a degree programming such as a Bachelor of Arts, Business, Education, Science, Social Work, or Nursing.

Our University Transfer program also supports working professionals who need a university degree for career advancement.

University Transfer

Cold Lake, Lac La Biche, St. Paul, Multi-Access Learning

Our University Transfer Program allows students to attend as full-time or part-time students. Students can choose from a wide selection of university courses offered in person, hyflex, or online. Working with a student advisor, you can build a course plan to suit your future and get started right here at Portage College. Transfer to other post-secondary within the province with ease. Just one of the advantages of our program flexibility. You choose the courses that fit your schedule and accommodate your needs.

Entry 100 Level University Courses are free to high school students who meet the course requirements.

Admission Requirements:

High School → A minimum average of 60% and no mark lower than 50% in the following courses:

- English Language Arts 30-1
- Four other 30 level courses (5 credits each) from the following list.
 - » **Humanities:** Social Studies 30-1, 30-Level language other than English, Aboriginal Studies 30
 - » **Fine Arts:** Art 30, Art 31, Dance 35, Drama 30, Music 30
 - » **Sciences:** Biology 30, Chemistry 30, Science 30, Mathematics 30-1, Mathematics 30-2*, Mathematics 31 (Courses may be particular junior level science or mathematics university courses)
 - *dependent on the program this course may not be accepted by other institutions as entrance requirements or pre-requisites.
 - » **Electives:** Physical Education 30, World Geography 30, Advanced CTS subjects (5 credits max)

Mature Student → 19 years of age or older, out of high school for at least one full year, and a minimum average of 60% with at least 50% in English Language Arts 30-1 and one other five credit Grade 12 course.

Advisor-Assisted Admission → Students who do not meet other admission requirements are encouraged to discuss options for admission into the university transfer program with a Portage College Student Advisor.

Open Studies Admission → Successful completion of nine credits

Transferability:

This program has transfer options available, with up-to-date information accessible through the Alberta Council on Admissions and Transfer (ACAT) and/or the Transfer Department. Students are encouraged to check out our partnership bachelor programs.

Career Potential:

Graduates of our University Programs are able to continue their studies in a degree programming such as a Bachelor of Arts, Business, Education, Science, Social Work, or Nursing.

Our University Transfer program also supports working professionals who need a university degree for career advancement.

University Transfer

Discipline	Subject	Courses
Humanities	Anthropology	ANTH 110, ANTH260, ANTH 103, ANTH 207, ANTH 210, WGST 201
	Art	NATA 166, NATA 167, ARTH 101, ARTH 102, CLAS 102
	Drama	DRMA 101, DRMA 102
	English	ENGL 102, ENGL 106, ENGL 108, ENGL 200, ENGL 388
	French	FREN 101, FREN 102
	Cree	CREE 101, CREE102
	History	HIST 101, HIST 102, HIST 210, HIST 211, HIST 368
Mathematics	Statistics	STAT 141
Sciences	Computer Sciences	COMP105, COMP106, COMP 107, COMP111, COMP112, COMP113, COMP114, COMP115, COMP205, COMP206, COMP208, COMP209, COMP211, COMP212, COMP213, COMP215
	Earth Sciences	EASC 205, EASC 101
	Biology	BIOL 230, BIOL 207, BIOL 101, BIOL 102, BIOL 231, BIOL 232, BIOL 208, KINS110, KINS111, KINS112, KINS115, KINS117, KINS118, KINS211, KINS212, KINS217, KINS226, KINS213, KINS216
	Chemistry	CHEM 101, CHEM 102
	Trades	TRAD 131
Business	Accounting	ACCT 115
	Business	BUSI 222, BUSI 226, BUSL 261
	Economics	ECON 186, ECON 187
	Marketing	MARK 166
Education	Education	EDUC 250, EDPY 200, COMA 200
	Math	MATH 160, MATH 260, MATH100, STAT141
Health	Health Education	HEED 105, PHED 200, COMM 135
Social Sciences	Psychology	PSYC 104, PSYC 105, PYSC 202, PYSC 233, PSYC 241, PYSC 285, PHSC 275
	Sociology	SOCI 101, SOCI 125, SOCI 224, SOCI 225

NOTE: Some course may be tentative or subject to change. Additionally, not every course is offered every year and not every combination of courses is possible, due to timetable limitations.

Open Studies

Cold Lake, Lac La Biche, St. Paul, Multi-Access Learning

There are countless benefits of Open Studies, just one of them is flexibility.

Open Studies gives students the unique opportunity to experience more than one program at a time. Students in Open Studies enroll in individual courses rather than a complete program. This makes it a great option for those looking to take general interest courses or those who don't quite meet the entrance requirements for a specific program.

At Portage College, Open Studies can open doors for students who want to explore potential career paths in various fields like: **Practical Nursing**, **Environmental Technologist** and **Community Social Work**. Our goal is to help each student acquire a well-rounded general education with strong skills in a variety of areas.

Benefits for students:

- Choose the courses that will place you on your pathway to success
- Experience the benefits of a program designed as a bridge to help you choose the right path
- Lighten your academic course load when you are planning future full-time studies
- Gain admission requirements to other programs at Portage College or other post-secondary institutions

The Open Studies option is available to students at any of our main campus locations on either a full-time or part-time basis.

PLEASE NOTE: Admission requirements vary by individual course, so if you are interested in this option, you **must** meet with a Student Advisor before enrolling.

Email one of our Student Advisors or call toll-free 1-800-623-5551.

Course Listings and Descriptions

Education Courses

EDPY-200 Educational Psychology for Teaching

Credits: 3 Hours: 45

This course introduces pre-service teachers to the theories and contributing factors of child and adolescent development, common exceptionalities in schools, program planning, and legislated requirements for inclusive education and supporting students with special education needs.

Prerequisites:

- EDUC250 Introduction to Teaching

EDUC-250 Introduction to Teaching

Credits: 3 Hours: 45

This course introduces prospective teachers to the complexity of their future professional roles in today's schools. Students will be encouraged to consider teaching from "the other side of the desk", and will leave familiar with the intricate framework in which teachers work, and the expectations various stakeholders. They will gain a knowledge base on which future Education courses will build, and will be introduced to theories of learning and teaching.

Prerequisites:

- English Language Arts 30-1 at 60%

EDUC300: Educational Technology

Credits: 3 Hours: 45

Supports pre-service teachers in the development of technological skills they will be expected to utilize and integrate into their educational practice for planning, communication, teaching, assessment, and inclusion support.

Pre/Corequisites:

- EDUC250 Introduction to Teaching

EDUC310: Professional Relationships and Conflict Resolution I

Credits: 3 Hours: 45

Will support the development of interpersonal competence for pre-service teachers with a focus on understanding and developing interpersonal communication skills for the purpose of engaging professionally and proactively with students, families, colleagues, and the community.

Pre/Corequisites:

- EDUC250 Introduction to Teaching

EDUC 315 Professional Conduct and Competency

Credits: 3 Hours: 45

Supports pre-service teachers in development and understanding of ethics, case law, and legislation related to teaching, assessment, inclusion, and supervision in the Canadian and Alberta context.

Pre/Corequisites:

- EDUC250 Introduction to Teaching

EDUC 320 Science of Teaching and Learning

Credits: 3 Hours: 45

Emphasizes the significance of research-based practice in education to promote long-term retention of learning, relationships, and achievement through study of cognitive psychology, neuroscience, student motivation, and engagement.

Pre/Corequisites:

- EDUC250 Introduction to Teaching

EDUC 321 Educational Assessment and Reporting I

Credits: 3 Hours: 45

Supports pre-service teachers in developing a foundational understanding of forms of assessment; how curriculum, teaching, and assessment relate; and forms and functions of assessments.

Pre/Corequisites:

- EDUC250 Introduction to Teaching

EDUC 322 Educational Assessment and Reporting II

Credits: 3 Hours: 45

Provides pre-service teachers development and understanding on assessment planning and practices, reporting requirements, accountability measures, and communicating student progress.

Pre/Corequisites:

- EDUC250 Introduction to Teaching

EDUC 330 Curriculum and Instruction in Literacy**Credits: 3 Hours: 45**

Supports the development of pre-service teachers in the planning, instruction, and assessment of literacy.

Pre/Corequisites:

- EDUC250 Introduction to Teaching

EDUC 331 Curriculum and Instruction in Numeracy**Credits: 3 Hours: 45**

Supports the development of pre-service teachers in the planning, instruction, and assessment of numeracy.

Pre/Corequisites:

- EDUC250 Introduction to Teaching

EDUC 400 Alternative Education**Credits: 3 Hours: 45**

Supports pre-service teachers in developing the skills and knowledge required for teaching in alternative settings such as mixed-grade classes, online education, distance learning, one-room schools, outreach programs, and other, specialized programs.

Pre/Corequisites:

- EDUC322 Educational Assessment and Reporting II

EDUC425 Literacy and Reading Assessment Intervention**Credits: 3 Hours:**

This course supports the development of pre-service teachers in the assessment, instruction, and intervention of early literacy and reading. Building on foundations established in EDUC 330, this course focuses on reading development, oral language, foundational reading skills, comprehension, literacy assessment, and evidence-informed intervention for learners experiencing difficulty.

Pre/Corequisites:

- EDUC330 Curriculum and Instruction in Literacy

EDUC 430 Education for Reconciliation**Credits: 3 Hours: 45**

Provides pre-service teachers with foundational knowledge and understandings about First Nations, Métis, and Inuit education, histories, and considerations for supporting students and communities. Additionally, this course includes presentations with local First Nations and Métis Elders, Knowledge Keepers/Holders, and survivors of colonial efforts to erase or assimilate Indigenous Peoples.

Pre/Corequisites:

- EDUC250 Introduction to Teaching

EDUC 435 Effective Teaching in Diverse Educational Settings**Credits: 3 Hours: 45**

Supports the development of pre-service teachers through examination of the unique demography of students in Canadian classrooms and how to support that diversity in educational settings.

Pre/Corequisites:

- EDUC250 Introduction to Teaching

EDUC 440 Positive Behaviour Supports**Credits: 3 Hours: 45**

Enhances pre-service teacher awareness and application of research-backed practices for behaviour management and preventative management in educational settings.

Pre/Corequisites:

- EDUC250 Introduction to Teaching

EDUC 399 Teacher Practicum I**Credits: 3 Hours: 120**

Is the introductory practicum for pre-service teachers that involves 6 weeks of observation, mentorship, and teaching practice under the supervision of a certificated teacher in a school.

Pre/Corequisites:

- EDUC315 Professional Conduct and Competency
- Submission of recent (within 6 months of practicum end date) police information check with vulnerable sector check prior to practicum start date.
- Submission of recent (within 6 months of practicum end date) Alberta intervention record check prior to practicum start date.

*Note: Between EDUC 399 and EDUC 499, students may have at most one practicum within a kindergarten setting.

EDUC450 Inclusive Education**Credits: 3 Hours:**

This course supports pre-service teachers in planning and preparing to meet the needs of students with exceptionalities, including program planning and behaviour support planning.

Pre/Corequisites:

- EDUC250 Introduction to Teaching

EDUC 499 Teacher Practicum II**Credits: 6 Hours: 180**

Is the advanced practicum for pre-service teachers that involves 9 weeks of observation, mentorship, and teaching practice under the supervision of a certificated teacher in a school.

Pre/Corequisites:

- EDUC399 Teacher Practicum I
- Submission of recent (within 6 months of practicum end date) police information check with vulnerable sector check prior to practicum start date.
- Submission of recent (within 6 months of practicum end date) Alberta intervention record check prior to practicum start date.

*Note: Between EDUC 399 and EDUC 499, students may have at most one practicum within a kindergarten setting.

[University Studies Courses](#)**ACCT-115 Introductory Financial Accounting****Credits: 3 Hours: 64**

This introductory course in financial accounting will expose students to how transactions are reported by business and how this information is presented to users outside of the organization. The first part of the courses focuses on the accounting cycle for a business. Concepts of revenue recognition and

inventory valuation for a merchandising type of organization are analyzed. Various assets, liabilities, and equity accounts presented on the balance sheet are thoroughly examined to determine which values should be presented on the financial statements. Finally, financial statement analysis is carried out to help students understand the overall health of a business.

Prerequisite:

- Math 30-2

ANTH-110 Anthropology, Development Studies, and Native Studies

Credits: 3 Hours: 45

This course provides a general overview of the cross-cultural variation in social roles related to gender, age and culture. Gender and age roles are culturally constructed in relation to social structure and political systems. Human development, including the social roles of children, adolescents, adults and elders will be examined. Also explored is human variation in relation to sex and development. In this class, we will discuss how societies organize sex and gender differences, and what it means to be a man, woman or third gender in different cultures. Gender roles will be examined in relation to other cultural features, such as status, health, sexuality and fertility. We will also explore the impact of gender differences as part of social organization with respect to culture change and globalization.

Prerequisite:

- English Language Arts 30-1 at 60%

ANTH-260 Indigenous Nations of North America

Credits: 3 Hours: 45

This course provides an introduction to the study of the history, cultures, and present concerns of the Indigenous peoples across North America from an anthropological perspective, with a focus on nations in Canada. Traditional lifeways and contemporary issues will be discussed through the examination of different cultural areas across the continent.

Prerequisite:

- 100 level Anthropology

ANTH-207 Introduction to Social & Cultural Anthropology

Credits: 3 Hours: 45

This course is an overview of sociocultural anthropology which introduces the students to the diversity of human cultures and the concepts and theoretical orientation of the cultural anthropologist. Unity and diversity in human social life will be emphasized.

Prerequisite:

- 100 level Anthropology

ANTH-103 Race and Racism in a Modern World Anthropology

Credits: 3 Hours: 45

This course gives an anthropological perspective on how the concept of race has been used to understand biological and cultural variation among humans. Issues and topics discussed will include multiculturalism, ethnic identity, prejudice, ethnocentrism, racism, eugenics and the persistence of ethnic identity in the face of globalization. Case studies from different parts of the world will be used to illustrate these concepts, including current issues of interest in Canada.

Prerequisites:

- English Language Arts 30-1 at 60%

ANTH-210 Visual Anthropology

Credits: 3 Hours: 45

Visual Anthropology is one of the fastest growing subfields in Anthropology and has a unique capacity to produce ethnographic data for a wider audience. Students will examine how visual communication within societies shapes our understanding of the world. In this course, we study four areas of interest: the study of visual culture, multimodal anthropology, Indigenous and activist media, and ethnographic film making. This course takes a multidimensional approach to the study of visual anthropology and also examines how colonialism and power have shaped narratives and visual culture.

Prerequisite:

- 3 credits of 100-level Anthropology, History, or Gender Studies

ARTH-101 Introduction to the History of Western Art I

Credits: 3 Hours: 45

This course is an introduction to the history of visual arts and design from the earliest evidence to the fourteenth century. The concentration will be on the history of art in the Near East and Europe: Western Art. Since there has been contact between these areas and the Indian sub-continent and the Far East, and since these have been influences on the later history of Western Art, the art of Asian cultures during this period will also be briefly considered.

In this contemporary age, we are inclined take visual images for granted, especially with the increase of images in mass advertising and television. In the age of the Internet and of electronic media, the influence of the visual is increasingly important. Yet of all the arts, the visual arts are perhaps the most dependent on the continuum of evolution, development, tradition, and experimentation founded on earlier models and aesthetics. This course will therefore introduce students to the wealth that is contained in that continuum. Students will learn the skills necessary to consider visual art in a fulfilling way. Students will acquire some the vocabulary and terminology as well as some of the more common methodology. Students will develop skills to analyze and discuss works of art, to articulate the cultural context of a piece of art, and to identify the ways in which art reflects cultural concerns and imperatives. This course constitutes the first half of the basic foundation for all art history courses offered at the university level.

Perhaps most significantly, students will explore some of the greatest human creations, works, constructions, and artifacts that exist, that influence, and that continue to have power over our imaginations and our intellects.

Prerequisite:

- English Language Arts 30-1 at 60%

ARTH-102 Introduction to the History of Western Art II

Credits: 3 Hours: 45

This course provides an introduction to the history of visual arts and design from 14th Century to the present day. While the course can be taken on its own, it also follows on from ARTH 101, which surveys the history of visual arts and design from the earliest times up to the 14th Century. ARTH 102 starts at a period that is academically considered to be the origin of our modern age, and follows the development of the visual arts to the types of art, design, and architecture that are being created around us in our contemporary world. In our modern age we are inclined to take for granted the cornucopia of visual images and art to which we are exposed, which has increased dramatically with the rise of mass advertising and television. In the age of the Internet and electronic media, the impact of the visual is increasing in importance in comparison to the tradition primacy of the written and printed word. Yet of all the arts, the visual arts are perhaps those most dependent on a continuum of evolution, development, tradition, and experimentation founded on earlier models. This course will therefore introduce you to the wealth that

is contained in that continuum. It will also introduce you to ways of looking at and considering visual art in a deeper and more fulfilling way. In doing so, you will acquire some of the vocabulary and terminology used in such a consideration, and you will become familiar with some of the more common methodology. You will develop skills in analyzing and discussing works of art, and in understanding both the cultural context of the art, and how works of art reflect cultural concerns and imperatives. For those who wish to continue the study of art history, this course will provide the foundation for academic approaches to the subject. Perhaps most important of all, the course will introduce you to some of the greatest human creations, works and artifacts, that have profoundly influenced and affected human thought and experience, and continue to have power over our imaginations and intellects.

Prerequisites:

- English Language Arts 30-1 at 60%

BIOL-207 Introductory Genetics

Credits: 3 Hours: 84

This course introduces the function of genes at chromosomal, molecular, and evolutionary levels. Students learn how they are repaired, regulated, and transmitted, as well as how they regulate development in prokaryotic and eukaryotic systems. This course covers topics from the basics of gene expression and regulation to DNA mutations, sex chromosomes, and population genetics.

Prerequisites:

- BIOL 101 Cell Biology

BIOL-101 Cell Biology

Credits: 3 Hours: 84

This course focuses on the structure and function of prokaryotic and eukaryotic cells. Major topics include the movement of energy, matter and information within and among cells. Key concepts such as cell theory and structure, energy transformations, reproduction, genetic variability, molecular genetics and applications in biotechnology are covered.

Pre/Corequisites:

- English Language Arts 30-1 at 60% and
- Biology 30 at 60%

BIOL-230 Anatomy I

Credits: 3 Hours: 45

This course provides an in-depth study of the structures of the human body and their interrelationships using a systems approach. The correlations between structure (anatomy) and function (physiology) are noted. Major topics include body organization, the integumentary, skeletal, muscular, nervous, respiratory, cardiovascular, lymphatic, digestive, endocrine, urinary and reproductive systems, the general and special senses, and human development. This course is designed to prepare students in medical fields of study for advanced courses in their respective fields, as well as other university transfer students.

Prerequisites:

- English Language Arts 30-1 at 60%,
- Biology 30 at 60%, and
- BIOL 231 Physiology I

BIOL-102 Organisms in their Environment

Credits: 3 Hours: 84

This course is designed for both Biology majors and non-majors, and explores the principal lineages of organisms on earth: bacteria and archaea, fungi, protists, plants and animals. The relationships of these organisms to their

environment and their influence in shaping that environment are examined. Evolutionary pathways and their influence on the diversity of extinct and extant organisms and the classification schemes that we use to distinguish them are discussed. The role that organisms (including humans) have played in the development and maintenance of major ecosystem processes are also studied. This course includes a lab component.

Prerequisites:

- English Language Arts 30-1 at 60%, and
- Biology 30 at 60%

BIOL-208 Principles of Ecology

Credits: 3 Hours: 84

Ecology is the scientific study of the interactions between organisms and their environment. This course provides an overview of the limiting factors that influence the living (biotic) components of our ecosystems. Interactions between these biotic components (e.g., competition and predation), population growth, life strategies, and the behaviours of individual organisms are also considered. This course provides general concepts that can stand alone or serve as preparation for advanced ecology courses. Labs complement lecture concepts and include the gathering, analysis, and interpretation of data from ecological experiments and field studies.

Prerequisite:

- BIOL 101 Cell Biology or
- BIOL 102 Organisms in their Environment

BIOL-231 Physiology I

Credits: 3 Hours: 45

This course provides a study of the overall function of the human body. Major topics include fundamental chemistry, homeostasis, cytology and cell physiology, cell signaling and communication, and muscle, nervous, respiratory, cardiovascular, lymphatic, digestive, endocrine, urinary and reproductive physiology, as well as fundamental genetics as it applies to human physiology. This course is designed to prepare students in medical fields of study for advanced courses in their respective fields, as well as other university transfer students.

Prerequisite:

- English Language Arts 30-1 at 60%, and
- Biology 30 at 60%

Corequisite:

- BIOL 230 Anatomy I

BIOL-232 Physiology II

Credits: 3 Hours: 45

This course focuses on the study of homeostasis and how it is altered by physical, biochemical, microbial or genetic factors, providing an in-depth understanding of the mechanism of human body function, pathophysiology (disordered physiology) and disease processes. The course summarizes the normal function of each organ system and then presents a number of major diseases of each system, showing how symptoms and signs of selected diseases are produced by pathophysiology. This course is designed to prepare students in medical fields of study for advanced courses in their respective fields, as well as other university transfer students.

Prerequisites:

- BIOL 230 Anatomy I and
- BIOL 231 Physiology I

BUSL-261 Business Law

Credits: 3 Hours: 64

This course presents legal topics relevant to business, including ways to manage common legal risks. An introduction to the Canadian legal system presents sources of law, the court system, the litigation process, and alternatives to litigation. Tort law includes a study of intentional torts, business torts, negligence, and professional liability. Insurance law covers basic concepts of the insurance industry, and how to manage common risks in business. Basic forms of business organizations are delineated, with a focus on the rights and responsibilities of individuals involved in sole proprietorships, partnerships, and corporations. Contract law details how contracts are created, elements of a binding contract, common contractual issues and defects, how contracts are discharged, and contractual remedies. An overview of the Sale of Goods Act will complete the study of contracts. Employment law describes the employer/employee relationship, the rights and duties of the parties involved, and common issues that may arise in the employment relationship. Intellectual property law discusses how businesses can generate value from ideas and the laws that seek to balance competing business interests. Secured transactions looks at risk assessment and legal obligations of creditors when securing debt and practices that have been developed in the marketplace to manage that risk through security interests and guarantees.

Pre/Corequisites:

- English Language Arts 30-2, or
- COMM 121 Communications I

BUSI-222 Operations Management**Credits: 3 Hours: 64**

Description: Operations Management is an ever-changing discipline and new concepts are appearing constantly. An operations manager is essential to improving productivity of a company and creating a competitive advantage through productivity and company growth. The course focuses on issues such as project management, process analysis, productivity and supply chain management.

Pre/Corequisites:

- Math 188 Business Statistics

BUSI-226 Leadership Development**Credits: 3 Hours: 64**

This course is aimed at providing students with a comprehensive understanding of the skills generally accepted as valuable to leadership. Students will develop these skills through study, participation in class activities, and self-reflection. The course is designed to integrate current leadership theory with practical applications and the student's own leadership journey. Leadership topics include, but are not limited to, the following topics: personal traits and characteristics, mental models, ethics, diversity, organizational culture, mission, vision, and strategy and change.

Pre/Corequisites:

- ORGB 193 Organizational Behavior

CHEM-101 Introductory Chemistry I**Credits: 3 Hours: 84**

CHEM 101 is an Introductory Chemistry course. It may be referred to as Introductory University Chemistry. This course is designed for both Chemistry majors and non-majors. Key concepts include atomic and molecular structures, states of matter and chemistry of the elements. This course includes a laboratory component designed to provide experience in experimental techniques and accurate measurement. The course prerequisite is a basic knowledge of chemistry equivalent to the Alberta's Chemistry 30 high school curriculum.

Prerequisites:

- English Language Arts 30 at 60% and
- Chemistry 30 at 60%

CHEM-102 Introductory Chemistry II**Credits: 3 Hours: 84**

Major topics include chemical kinetics, chemical equilibria, thermodynamics, coordination chemistry and electrochemistry. Key concepts such as reaction rates, rate laws, Arrhenius equation, reaction mechanism and catalysis will be discussed. The course will also present gas-phase equilibria, ICE table and equilibrium calculations, acid-base and complex ion equilibria, solubility and precipitation. In addition, second and third laws of thermodynamics, entropy and spontaneity, coordination compounds, crystal field theory as applied to colour and magnetic properties of coordination compounds, voltaic cells, cell potentials, free energy, electrical work, Nernst equation, batteries, corrosion and electrolysis will be covered.

Prerequisite:

- CHEM 101 Introductory Chemistry II

CLAS-102 Greek and Roman Mythology**Credits: 3 Hours: 45**

Description: In this survey course, students learn about the most influential myths and legends of Greece and Rome. Readings from ancient literature in translation and illustrations from ancient Greek and Roman art reveal the cultural, historical, and religious contexts of the myths within ancient societies. The continuing influences of the myths as a source of inspiration for some of the major works in world literature and art are discussed.

Prerequisite:

- English Language Arts 30-1 at 60%

COMA-200 Technology Tools for Teaching & Learning**Credits: 3 Hours: 45**

Technology Tools for Teaching and Learning will help prepare students to develop and integrate project-based learning skills into the classroom. Students will examine the Information and Communication Technology Outcomes Program of Studies as published by Alberta Learning, and are expected to develop modules that integrate the ICT Outcomes using the Internet, Word Processing, Spreadsheet, Database, and Multimedia application software.

Prerequisite:

- English Language Arts 30-1 at 60%

COMP-105 Introduction to Computing and Information Systems**Credits: 3 Hours: 45**

COMP 105 is a three-credit course that covers the fundamentals of information systems. The course covers basic hardware concepts; the structure (or architecture) of computers; the software hierarchy, from systems software to application programs; as well as concepts and development of the field. The course is the pre-requisite to higher level computer science courses. Students in this course will be expected to use a combination of locally installed and external electronic materials to develop skills needed for further study in the field. These skills include downloading, installing, and using specialized software tools, and setting the paths to allow programs to access their components and files. Because in COMP 105 is a preparatory course for further study in computer science, the level and difficulty of technical content is fairly high.

Prerequisite:

- Math 30-2

COMP-106 Introduction to Computer Programming (C++)**Credits: 3 Hours: 45**

COMP 106 is designed to introduce you to programming in the C++ computer programming language. The course progresses from first principles to advanced topics in object-oriented programming using C++.

Prerequisite:

- COMP 105 Introduction to Computing and Information Systems

COMP-107 Introduction to Web Programming**Credits: 3 Hours: 45**

COMP107 is a beginners' course in programming using JavaScript, together with some HTML and CSS. It follows a problem-based approach that requires the student to design and create a website of ever-increasing sophistication as the course progresses, while creating design documentation and reflecting on the process. The output of the student's work is presented as a website.

Prerequisite:

- Students are expected to be proficient users of the Internet and to be able to use word processors, text editors and file manipulation tools (including zip compression) effectively. If you do not have these skills you will not succeed and we highly recommend that you should take COMP 105 or equivalent before starting this one.

COMP-111 Operating Systems**Credits: 3 Hours: 45**

COMP 214 introduces the fundamental concepts, principles, and structures of operating systems. An operating system is the software on a computer that orchestrates the hardware components of the computer. The operating system provides the user/programmer with efficient and convenient service and a high degree of machine independence in writing programs, executing programs, and managing system resources. It is assumed that students taking this course are familiar with the basic structure and the main hardware components of a computer.

Prerequisites:

- COMP 106 Introduction to Computer Programming (C++) or

COMP-112 Computer Networks**Credits: 3 Hours: 45**

COMP 112 is a university course designed to teach the essential principles and technologies of computer networking. To accommodate the needs of students who do not have enough programming background, or are not interested in programming, requirements for coding have been removed from the course.

Pre/Corequisites:

- COMP 111 Operating Systems

COMP-113 Systems Analysis and Design**Credits: 3 Hours: 45**

System analysis and design deal with planning the development of information systems through understanding and specifying in detail what a system should do and how the components of the system should be implemented and work together. System analysts solve business problems through analyzing the requirements of information systems and designing such systems by applying analysis and design techniques. This course deals with the concepts, skills, methodologies, techniques, tools, and perspectives essential for systems analysts. The practical component of COMP 261 is object oriented and use-case driven, requiring students to go through the steps of system analysis and design to solve a real-life business problem.

Prerequisite:

- COMP 105 Introduction to Computing and Information Systems

COMP114 Introduction to Python**Credits: 3 Hours: 45**

This course is designed to introduce the fundamental concepts and hands-on practices of Python programming. The course progresses from first principles to advanced topics, including foundations of Python programming, data structures, control logic, loops, functions, modules, files, exception handling, classes, NumPy, Pandas, data visualization, and statistical analysis with Python.

- COMP 105 Introduction to Computing and Information Systems

COMP115-Data Structures with Java**Credits: 3 Hours:**

This course introduces students to Java programming and foundational object-oriented programming (OOP) concepts. Students develop skills in control structures, classes, and basic data abstraction before progressing to the design and implementation of fundamental data structures, including introductory graph representations. The course also explores core algorithms, with an emphasis on applying object-oriented programming principles to develop efficient solutions.

Through hands-on labs, reflective activities, and peer discussions, students strengthen their problem-solving, critical thinking, and programming practices.

Prerequisite:

- COMP 105 Introduction to Computing and Information Systems

COMP 202 Mobile Applications Development**Credits: 3 Hours: 45**

This course is designed for students who are interested in developing mobile applications for smartphones, tablets, and the web. Students will learn and apply techniques for creating apps that support organizations of all sizes, from small sole proprietorships to large enterprises. The course focuses on developing mobile applications that run smoothly on both iOS and Android devices to help businesses improve their processes. Students will build a strong foundation in app architecture, user experience design, and development of best practices, preparing them for success in the growing field of mobile application development.

Prerequisite:

COMP 113 Systems Analysis Design

COMP 108 Introduction to Programming in Java**Credits: 3 Hours: 45**

COMP108 is designed to introduce you to programming in the Java computer language. The course progresses from first principles to advanced topics in object-oriented programming using Java.

Prerequisite:

- COMP105 Introduction to Computing and Information Systems

COMP-205 Database Fundamentals**Credits: 3 Hours: 45**

This course introduces students to the fundamental concepts of database systems, including the database approach, data modeling, and the database application life cycle. Students will learn to analyze data requirements, design entity-relationship models, and develop logical and physical database structures. Emphasis is placed on normalization, SQL proficiency, and the implementation of database-driven applications to meet client needs.

Prerequisite:

- COMP 113 Systems Analysis and Design

COMP-206 Introduction to PC Hardware and Systems Configuration**Credits: 3 Hours: 45**

Description: This course introduces the fundamentals of PC hardware. Students will open up machines, install devices such as hard drives, I/O cards, video cards as well as memory, CD/DVD ROM drives, install operating systems, explore a variety of different software packages, attach communications equipment and supporting software.

Prerequisite:

- COMP 113 Systems Analysis and Design

COMP-208 Artificial Intelligence**Credits: 3 Hours: 45**

Artificial Intelligence with Hardware Implementation is a comprehensive course that integrates theoretical knowledge of artificial intelligence with practical implementation on hardware platforms. Students will explore various AI techniques and algorithms, focusing on their application in both software development and hardware implementation. Through a combination of lectures, hands-on experiments, and projects, students will gain a deep understanding of AI concepts and their real-world applications.

Prerequisite:

- COMP 113 Systems Analysis and Design

COMP-209 Agile Methodology**Credits: 3 Hours: 45**

The Agile Methodology course with a focus on Scrum and SCRUM Ceremonies provides students with a comprehensive understanding of Agile principles, Scrum framework, and the various ceremonies associated with Scrum. Students will learn how to implement Agile practices in software development projects, manage Scrum teams effectively, and conduct SCRUM ceremonies to ensure project success. Through a combination of theoretical lessons, case studies, and practical exercises, students will gain the skills necessary to work in Agile environments.

Prerequisite:

- COMP 113 Systems Analysis and Design

COMP-211 User Interfaces**Credits: 3 Hours: 45**

This course introduces students to User Interface (UI) Design by focusing on visual design principles, usability, accessibility, wireframing, prototyping, and testing. Students will explore industry-standard tools like Pen Pot, Pencil, Figma, Adobe XD, and Balsamiq to create user-friendly and engaging interfaces. This course does not require coding but emphasizes design thinking and user-centered design.

Prerequisite:

- COMP 209 Agile Methodology

COMP212 Project Capstone**Credits: 3 Hours: 45**

This course focuses on applying agile methodologies to solve real-world projects in the field of computer science. Students will work in teams to plan, execute, and deliver software projects using agile principles and practices. Through workshops and project work, students will gain practical experience in project management, teamwork, problem-solving, and software development using agile methodologies.

COMP-213 Introduction to Cybersecurity**Credits: 3 Hours: 45**

Introduction to Cybersecurity provides students with a foundational understanding of cybersecurity principles, practices, and technologies. The course covers essential topics such as cybersecurity fundamentals, threats and vulnerabilities, cryptography, network security, and security policies. Through a combination of theoretical lectures, hands-on exercises, and case studies, students will develop the knowledge and skills necessary to identify, assess, and mitigate cybersecurity risks.

Prerequisite:

- COMP 112 Computer Networks

COMP-215 Cloud Computing Technology**Credits: 3 Hours: 45**

Cloud Computing Technology is a comprehensive course designed to introduce students to the concepts, principles, and technologies of cloud computing. The course covers various aspects of cloud computing, including cloud service models, deployment models, virtualization, scalability, security, and management using Amazon Web Services (AWS), Microsoft Azure and Google Cloud Platform (GCP).

Prerequisite:

- COMP 113 Systems Analysis and Design

COMP-218 Introduction to Game Design**Credits: 3 Hours: 45**

This is an introductory course in game design and development. This course covers many of the concepts involved in game design, beginning with the history of gaming and an examination of the software engineering aspects of game design. Other topics include the programming environment, game hardware, mathematical concepts, physical concepts, and graphics. This course will prepare students for advanced courses in game design.

Prerequisite:

- COMP105 Introduction to Computing and Information Systems

COMM-135 Communications for Health Professionals**Credits: 3 Hours: 45**

This course explores basic and therapeutic communication skills for the health professional. Communication skills required for the development of caring relationships and to overcome barriers will be discussed, as well as the skills needed for inter-professional practice, group and family communication. Health teaching in individual and group settings is an important component of this course.

CREE-101 Introductory Cree Part One**Credits: 3 Hours: 45**

Description: Introductory Cree Part One provides instruction at the introductory level. Students will learn basic Plains Cree conversational skills. This course is designed to focus on speaking and listening skills. Students will learn conversational skills through online instruction, group activities and project work. According to language learning experts, people can learn 3-5 words in one session. The goal of this course is to expand vocabulary and increase the student's fluency in spoken Plains Cree. These skills need to be practiced outside the classroom as part of our role in language revitalization. Context is key to Cree language learning, meaning that a story or real life application is necessary to motivate the lessons. Situations at home, school or community will be used to engage learners. Cree culture and protocol will be discussed to enhance the accurate use of particular Cree words during a dialogue. This course will prepare students for Intermediate levels of Cree language study at the university level.

CREE-102 Introductory Cree Part Two**Credits: 3 Hours: 45**

This course continues the focus on speaking and listening skills introduced in Cree 101. It moves beyond the singular forms and introduces students to Cree grammar, including plural forms and transitive verb forms, an aspect required to move the beginner from learning words to putting the words into longer phrases and written constructions. Students will learn conversational skills through online instruction, group activities and project work. This course will prepare students for Intermediate levels of Cree language study at the university level.

Prerequisite:

- CREE 101 Introductory Cree Part One

CSCR-101 Computer Science Coding and Robotics**Credits: 3 Hours: 45**

Description: Welcome to this project based course that will have you exploring the areas of computer science, coding, and robotics. This class will challenge your problem solving abilities, and equip you with an understanding of how some of the computer programs you use on a regular basis were made. In addition to building fundamental programming skills, you'll be developing projects that have both digital and physical aspects, driven by a Micro:bit single-board computer, and a set of basic robotics electronics components.

DRMA-101 Dramatic Process I**Credits: 3 Hours: 45**

An introduction to the process of acting and dramatic form through the process of improvisation. This workshop-based course will explore speech and movement improvisation with an emphasis on imaginative development and introduction to the process of acting and to dramatic form.

Prerequisite:

- English Language Arts 30-1 at 60%

DRMA-102 Play Analysis**Credits: 3 Hours: 45**

An introduction to the process of acting and dramatic form through the process of improvisation. This workshop-based course will explore speech and movement improvisation with an emphasis on imaginative development and introduction to the process of acting and to dramatic form.

Prerequisite:

- English Language Arts 30-1 at 60%

EASC-101 Introduction to Earth Sciences: Geology & Geomorphology**Credits: 3 Hours: 84**

EASC101 introduces students to basic concepts of physical geology. Following an introduction to minerals as the basic building blocks of earth materials, igneous, metamorphic and sedimentary rocks are examined. This is followed by a detailed look at earth's internal structure and processes that occur within it. Students are acquainted with the theory of plate tectonics as a unifying concept in geology after which crustal tectonics and resulting deformation structures are explored. Earth surface processes are also examined including weathering, mass movement, surface water movement, glaciations, wind action and desert processes. The final part of the course introduces students to the application of remote sensing and GIS in the earth sciences.

Prerequisites:

- English Language Arts at 60%, and
- Biology 30 at 60% or
- Chemistry 30 at 60%

ECON-186 Microeconomics**Credits: 3 Hours: 64**

The question of how individuals and firms use their resources to attain certain economic goals is examined. The central problem of scarcity is introduced. A brief study of how different economic systems try to solve this problem is undertaken. The market system is investigated as to how supply, demand, and price determine what and how much is produced. Effective decision-making in the marketplace is also examined.

Prerequisite:

- Math 30-2

ECON-187 Macroeconomics**Credits: 3 Hours: 64**

Description: The overall health of the economy as measured by gross domestic product, unemployment rates, inflation rates, interest rates, the balance of payments exchange rates and the money supply is the prime focus of this course. Keynesian and monetarist theories of income and employment are used as a framework for analyzing government monetary and fiscal policies. The role of the Bank of Canada and the chartered banks in determining the money supply and interest rates is described. Current debate relating to the public debt and supply side economics is evaluated. International economic issues including free trade the balance of payments are also examined. Where appropriate, applications to current events are introduced and topics are enhanced wherever possible.

Prerequisite:

- Math 30-2
- ECON 186 Microeconomics (strongly recommended)

ENGL-102 Introductory Composition**Credits: 3 Hours: 45**

This course helps students to develop the academic writing skills they use throughout their university studies. Students learn to identify good writing, and develop needed research, analytical, and organizational skills. Starting with building good sentences and paragraphs, the research essay is the most important genre in this course. By analyzing, summarizing, synthesizing, and critiquing a variety of texts, students learn how to develop their own analyses and arguments with appropriate and correctly documented primary and secondary sources. Readings by or about indigenous and minority peoples form no less than 50% of the readings in this course. A review of grammar and sentence structure is a key component of this course. Students are advised to choose a research topic in line with their career goals. This course is designed for students in career programs who require proficiency in writing in an academic setting. Some students may be advised to take English 106 or 108 or equivalent.

Prerequisite:

- English Language Arts 30-1 at 60%

ENGL-106 Introduction to Drama & to Poetry**Credits: 3 Hours: 45**

English 106 is designed to teach critical writing, critical reading, and critical thinking while studying canonical literary texts from the sixteenth to the twenty-first centuries. This course combines the study of literary works with instructional texts to teach students to express themselves more clearly in writing and in speech. The creators of this course also hope that students develop an appreciation for fine literary works. This course will present plays and poems from a variety of historical periods and from a variety of cultural contexts. Particular emphasis will be placed on the development of correct writing style, rhetorical skills, and thinking skills required for academic study. A

minimum of thirty percent of class time will be devoted to writing instruction, which may take any or all of the following forms: grammar and punctuation instruction, informal writing exercises, writing workshops, stylistic and rhetorical analysis, research skills, peer editing, and group writing projects. The total amount of writing will be no less than 3,000 words.

Prerequisite:

- English Language Arts 30-1 at 60%

ENGL-108 Introduction to the Novel & the Short Story

Credits: 3 Hours: 45

English 108 is designed to teach critical writing, critical reading, and critical thinking while studying canonical literary texts from the eighteenth to the twentieth-first centuries. This course combines the study of literary works with instructional texts to teach students to express themselves more clearly in writing and in speech. The creators of this course also hope that students develop an appreciation for fine literary works. This course will present novels and short stories from a variety of historical periods, and from a variety of cultural contexts. Particular emphasis will be placed on the development of correct writing style, rhetorical skills, and thinking skills required for academic study. A minimum of thirty percent of class time will be devoted to writing instruction, which may take any or all of the following forms: formal written assignments, informal writing exercises, writing workshops, stylistic and rhetorical analysis, research skills, peer editing, group writing projects, and ungraded writing. Students will write two formal essays that will be graded, including an analytical and a research paper. The total amount of writing will be no less than 3,000 words.

Prerequisites:

- ENGL 106 Introduction to Drama & to Poetry or
- 3-credit junior English

ENGL-200 Reading Histories: Histories in Texts

Credits: 3 Hours: 45

Description: English 200 provides students with an overview of relevant literary material seen in a historical context. The course follows a basic historical timeframe that will help students perceive the developments in topics of gender, race, ethnicity, and transnational literature. This course uses a diversity of literary works such as novels, poems, literary passages, plays, films, and documentaries that will enhance the wider understanding and critical engagement with these literary sources. The course will also cover topics that include the newest literary trends in connection with historical approaches and will enrich the student's understanding of history and its close relationship with literature. Finally, English 200 seeks to reconnect the traditions of literature and history in Canada by using a comparative and transnational approach.

Prerequisite:

- 3 credits of 100-level ENGL or equivalent

ENGL-377 Canadian Literature to the Modernist Period

Credits: 3 Hours: 45

This survey of English Canadian literature to the 1960s will introduce students to two critical questions asked in the formation of our national and literary cultures: 'Where is here?' and 'Who are we here?'. In analyzing reports, letters, poems and short fiction either exploring or representing these questions students will understand how our geography and interaction with place figures in the history of Canadian literature. Reflection of the 'Canadian' experience is first that of explorers who traversed our lands seeking to identify its wealth and dimensions. What figures in their works is a physical mapping of 'Where is here?' a question latter to be taken up again by colonial settlers who typically asked "Who are we here?" the geographical 'Where is here?' and the cultural 'Who are we here?' are themes

carried forward in to the Modernist period where reflections on colonialism, imperialism, regional literature, and national identity were still at play.

Pre/Corequisites:

- ENGL106 Introduction to Drama & to Poetry or
- ENGL108 Introduction to the Novel & the Short Story.

ENGL-388 Myth and Folklore, Children's Literature

Credits: 3 Hours: 45

Description: Western English-speaking civilization has deeply embedded in it myths and folklore drawn from a very wide range of cultures, from the ancient Greek and Roman, to Norse and Arabic legend, from Arthurian legend to pagan religion, from oral folk tales to superstitions and traditional songs. Much children's literature, particularly novels in a children's fantasy genre, draws heavily on these traditions, both consciously and unconsciously. This course examines both that tradition in relation to children's literature, and how and why more modern children's stories have utilized that tradition. It starts with a critical study of folk and fairy tales that have become a staple part of modern English-speaking cultures, and continues by looking at a number of more modern children's books that have drawn on that tradition, and have also become central works in the genre of children's literature.

Children's literature that is grounded in folk lore is open to a wide range of interpretations, and we will be using a number of approaches to deepen understanding of the material, from an historical overview, literary analysis, analysis by theme, type of tale, feminist interpretations, to psychological approaches to the tales and their underlying meanings. It will be of interest to anyone who will be working with children, to those who are interested in myth and legend or the development of literature, and to those interested in psychology. English 388 is designed so that the books studied do not overlap with the companion course, English 389 (Classics of Children's Literature); the two courses complement each other.

Prerequisites:

- 3 credits of a 100 level English, or equivalent

FREN-101 Introductory French I

Credits: 3 Hours: 45

French 101 is the first semester of an introductory French program. This course will help you to learn how to use the French language to communicate about various topics that are relevant to your daily activities, as well as to the realities of the world in which you live. Both classroom and assessment activities will target all four language skills: reading, writing, speaking, and listening. You will acquire basic grammatical and lexical knowledge that will allow you to carry out a wide-range of communicate tasks. The language learning process will occur within a cultural framework in which you will be introduced to various French-speaking peoples from Europe, Africa, Asia, and the Americas.

FREN-102 Introductory French II

Credits: 3 Hours: 45

French 102 is the second semester of an introductory French program that focuses on the French language and Francophone cultures throughout the world. This course is designed to facilitate further development of your communication skills in French and to give you a balance of all four language skills: reading, writing, speaking, and listening. By the end of the semester, you will be able to initiate and sustain interactions in French, understand the main ideas of what you hear, see, and read in French, and express yourself clearly in written French. In addition to acquiring intermediate-level grammatical and linguistic knowledge, you will also gain a deeper understanding of diverse aspects of French-speaking cultures.

Prerequisite:

- FREN 101 Introductory French I

HEED-105 Personal Health and Wellness**Credits: 3 Hours: 45**

This course will introduce you to the physical, social, mental, occupational, emotional, environmental and spiritual dimensions of personal health and wellness. These dimensions are described within the context of the Canadian Health Care System and your own individual community. Topics include primary health care, nutrition, exercise, stress management, weight management, eating disorders, common health issues and their prevention. You will be expected to integrate knowledge of the seven dimensions of health and apply this knowledge to a self-analysis of your own health and physical fitness. Finally, you will incorporate change management theory to develop, implement and evaluate a personal wellness plan. The intent of this course is to promote a healthy lifestyle. By examining determinants of health, the current health care system, the seven dimensions of health and applying these concepts to your own lifestyle, you will be better equipped to function as role models and act as change agents for health promotion in your community.

Prerequisite:

- English Language Arts 30-1 at 60%

HIST-101 The Early Modern World**Credits: 3 Hours: 45**

English 200 provides students with an overview of relevant literary material seen in a historical context. The course follows a basic historical timeframe that will help students perceive the developments in topics of gender, race, ethnicity, and transnational literature. This course uses a diversity of literary works such as novels, poems, literary passages, plays, films, and documentaries that will enhance the wider understanding and critical engagement with these literary sources.

The course will also cover topics that include the newest literary trends in connection with historical approaches and will enrich the student's understanding of history and its close relationship with literature. Finally, English 200 seeks to reconnect the traditions of literature and history in Canada by using a comparative and transnational approach.

Prerequisite:

- English Language Arts 30-1 at 60%

HIST-102 The Modern World**Credits: 3 Hours: 45**

Description: History 102 is intended to introduce students both to the content of modern world history and to the study of history at the university level. In content, the course traces the development of the modern world since around 1800. As with any history, the focus of the classes and readings is selective; we cannot hope to cover every society and nation in equal depth, but must attempt to negotiate a balance between specific historical detail and broad themes. In the process, students will be expected to develop and utilize skills needed for history as an academic discipline, such as the ability to remember when things happened and how they fit together, the ability to read historical texts carefully and to ask questions of those texts, and the ability to express themselves clearly and coherently in writing. Ideally, students should come away from this course not simply knowing "facts," but equipped to think historically about the world in which we live, and armed with skills of critical analysis and expression that they will find applicable to many areas of endeavour aside from history.

Prerequisite:

- English Language Arts 30-1 at 60%

HIST-210 An Introduction to the Study of Canadian History, 1500-1867**Credits: 3 Hours: 45**

This course will provide an introductory survey of Canadian history from roughly 1500 to 1867. Some of the major themes to be discussed will include:

Aboriginal-European contact; the fur trade; New France; and the expansion of white settlements. In addition, key concepts and methods of history as a discipline will be reviewed.

Prerequisite:

- English Language Arts 30-1 at 60%

HIST-211 An Introduction to the Study of Canadian History Confederation to the Present**Credits: 3 Hours: 45**

This course will provide an introductory survey of Canadian history from 1867 to the present. Among the major themes discussed will be nationalism, industrialization, urbanization, and cultural change. In addition, key concepts and methods of history as a discipline will be reviewed.

Prerequisite:

- English Language Arts 30-1 at 60%

HIST-368 History of the Native People of Canada to 1867**Credits: 3 Hours: 45**

History 368 is a lecture and seminar course that examines the history of the indigenous peoples of Canada prior to and at the moment of first contact with European peoples. In order to gain a full perspective of this critical time period in the North American history, students examine a variety of oral and written documents produced by First Nations, Métis, Aboriginal, and Inuit peoples as well as European explorers, traders and settlers. A combination of lectures and seminar groups are used to examine the early relationship between existing native cultures and their later responses to European exploration and trade. The textbook readings and related articles will acquaint students not only with the indigenous history, but also with the different methodological approaches used by academics. A minimum of thirty percent of class time will be devoted to discussion of archival evidence (oral history, local history, family history, journals, records, letters, and so on), which may take any or all of the following forms: online discussion forums, in-class group discussion, and critical response essays.

Prerequisite:

- A minimum of 3 credits of 100- or 200- level history are required, preferably one of HIST 210 An Introduction to the Study of Canadian History, 1500-1867 or
- HIST 211 An Introduction to the Study of Canadian History Confederation to the Present.
- ANTH 260 Indigenous Nations of North America

KINS-110 Foundations of Human Movement**Credits: 3 Hours: 45**

Explore human movement through multiple contexts, including daily living, recreation, sport, and exercise and apply it in practice through participatory and experiential learning.

Pre/Corequisites:

- English Language Arts 30-2 at 60% and Biology 30

KINS-111 Introduction to Sociocultural Foundations of Physical Education, Leisure, and Sport**Credits: 3 Hours: 45**

Explore the sociocultural factors that shape the nature, function, and role of physical education, recreation, leisure, and sport in contemporary society. This course delves into how social institutions, cultural norms, political landscapes, and economic factors influence physical activity and sport participation.

Prerequisite:

- English Language Arts 30-2 at 60%

KINS-112 Introduction to Personal Physical Activity**Credits: 3 Hours: 68**

This course combines theory and lab work to promote lifelong physical activity habits through active participation and self-assessment. Students will examine and apply the foundations of physical fitness, health and wellness, with an emphasis on understanding basic concepts and methods of physical fitness and active living.

Prerequisite:

- Biology 30

KINS-114 History of Sport**Credits: 3 Hours: 45**

This course explores the evolution of sport from ancient times to the present day, examining how cultural, social, and political factors have shaped sporting practices and institutions. Students will study key moments in the history of sport, significant figures, and the development of modern sports and their global impact.

Prerequisite:

- English Language Arts 30-2 at 60%

KINS-115 Applied Resistance Training**Credits: 3 Hours: 45**

This course introduces the principles and techniques of resistance training. Students will learn proper exercise form, program design, and injury prevention strategies to enhance strength, endurance, and overall fitness. Emphasis will be placed on developing personalized training programs and understanding the physiological adaptations to resistance training.

Prerequisites:

- English Language Arts 30-2 at 60%
- Biology 30

KINS-117 Introduction to Nutrition**Credits: 3 Hours: 45**

This course provides an overview of human nutrition, focusing on the essential principles of macronutrients and micronutrients, digestion, and metabolism. Students will explore the role of nutrition in promoting health and preventing disease, along with dietary guidelines and food sources. The course also examines the impact of nutrition on physical and mental well-being throughout different stages of life.

KINS-118 Measurement and Evaluation**Credits: 3 Hours: 45**

This course introduces fundamental concepts and methods linked to measurement and evaluation of physical activity programs and participants. Students will develop skills in data collection, analysis, and reporting, which are essential for informed decision-making and program evaluation in physical activity and sport settings.

KINS-213 Biomechanics**Credits: 3 Hours: 45**

This course introduces the qualitative analysis of human movement using biomechanical principles. Students will explore how foundational concepts from physics and mathematics are used to improve motor performance. Emphasis is placed on analyzing movement patterns, forces, and anatomical structures to enhance athletic performance.

Prerequisite:

- KINS118 Measurement and Evaluation

KINS-210 Introduction to Coaching Theory**Credits: 3 Hours: 45**

This course provides a comprehensive introduction to coaching theory, covering both theoretical and practical coaching topics. Students will explore ethical decision-making, practice planning, basic mental skills, and teaching and learning strategies to enhance their coaching abilities.

KINS-211 Introduction to Athletic Therapy**Credits: 3 Hours: 68**

This introductory course provides an overview of athletic therapy, focusing on the prevention, assessment, and rehabilitation of sports-related injuries. Students will explore key concepts such as injury mechanisms, treatment techniques, and rehabilitation strategies. Through practical learning and case-based scenarios, learners will develop foundational skills in injury assessment, taping and strapping, and rehabilitation planning. Students will also examine emergency care protocols, legal considerations, and the professional scope of practice for athletic therapists.

Prerequisite:

- BIOL 230 Anatomy I

KINS-212 Physiology of Exercise**Credits: 3 Hours: 74**

This course introduces the physiological responses and adaptations of the human body to exercise. Students will explore how key body systems, including the cardiovascular, muscular, and respiratory systems, are affected by different types of physical activity. Emphasis is placed on understanding the mechanisms behind endurance, strength, and recovery, and exploring the role of exercise in health and fitness.

Prerequisite:

- BIOL 232 Physiology II

KINS-216 Metabolic Conditioning**Credits: 3 Hours: 45**

This course introduces the principles and practices of metabolic conditioning to enhance fitness, endurance, and overall performance. Students will examine energy systems, exercise programming, and high-intensity training techniques, with emphasis on designing safe and inclusive workouts that target multiple energy pathways. Students will also explore pedagogical instructional strategies, fitness testing, and investigate the misinformation and controversial claims made in the fitness field.

Prerequisite:

- KINS 112 Introduction to Personal Physical Activity

KINS-217 Adapted Physical Activity**Credits: 3 Hours: 68**

This course introduces the principles and practices of adapted physical activity for individuals with diverse abilities. Students will explore strategies for designing inclusive physical activity programs, focusing on assessment, modification, and accommodation techniques. Emphasis is placed on promoting participation and well-being in school, recreation, and community settings. This course also examines how changes to tasks, environments, and instruction can support individuals with disabilities.

KINS 218 Growth and Development**Credits: 3 Hours: 45**

This course explores the biological, psychological, and social aspects of human growth and development across the lifespan. Students will examine key developmental stages, from infancy to adulthood, and analyze the factors that influence growth, learning, and behavior. Emphasis is placed on understanding how genetics, environment, culture, and individual experiences contribute to human development.

Prerequisite:

- KINS 110 Foundations of Human Movement

KINS 221 Psychological Sport Performance**Credits: 3 Hours: 45**

This course explores key concepts and theories in sport psychology, focusing on how mental and emotional factors affect physical activity and athletic performance. Students will examine topics like motivation, stress, personality, team dynamics, injury recovery, and mental skills training. Throughout the course, students will learn strategies to support athletes' psychological well-being in various sport settings.

Prerequisite:

- KINS 111 Introduction to Sociocultural Foundations of Physical Education, Leisure, and Sports

KINS-226 Skills Acquisition and Motor Performance**Credits: 3 Hours: 45**

This course explores how people learn and perform motor skills in physical activity and sport. Students will examine how individuals develop, refine, and perform motor skills, focusing on factors that influence performance, such as practice, feedback, and individual differences. Importance will be placed on understanding the processes involved in skill learning and how these concepts apply to enhancing motor performance in various physical contexts.

Prerequisite: 45

- KINS 112 Introduction to Personal Physical Activity

MATH-100 Introduction to Calculus**Credits: 3 Hours: 45**

This course serves as an introduction to the methods and applications of single variable calculus. Limits are used to investigate continuity and asymptotes, as well as define the processes of differentiation and integration in a precise manner. Students learn to calculate, interpret, and apply derivatives and integrals to solve rate of change problems and to accurately depict the behavior of a function.

Prerequisite:

- Math 30-1

MATH-160 Higher Arithmetic**Credits: 3 Hours: 45**

Math 160 is required for elementary teachers (education majors), critical thinking and problem solving is stressed throughout the course. Conceptual understanding of elementary number theory, set theory, numeration systems and their operations algorithms is the subject of the study; as well as the preparation and presentation of Math Fair.

Prerequisites:

- English Language Arts 30-1 at 60%, and
- Math 30-2

MARK-166 Marketing**Credits: 3 Hours: 64**

This is an introductory course covering the fundamental principles and concepts of marketing. Major emphasis is placed on the marketing mix and its strategic application to an increasingly complex business environment. In particular, the areas of product, promotion, price, and distribution are examined as they relate to the achievement of company objectives.

Pre/Corequisites:

- English Language Arts 30-2 or
- COMM 121 Communications I

NATA-166 Visual Arts I- Drawing**Credits: 3 Hours: 75**

This is an introductory painting course that familiarizes students with a variety of techniques, concepts and processes in painting. The focus will be on using acrylic paint to develop an understanding of color and composition. This will be done through a series of projects that feature a variety of genres, compositional concepts and visual strategies.

NATA-167 Visual Arts II- Painting**Credits: 3 Hours: 75**

This is an introductory painting course that familiarizes students with a variety of techniques, concepts and processes in painting. The focus will be on using acrylic paint to develop an understanding of color and composition. This will be done through a series of projects that feature a variety of genres, compositional concepts and visual strategies.

NATA-168 Visual Arts III- Printmaking and Mixed Media**Credits: 3 Hours: 75**

Students will study various printmaking processes with an emphasis on learning basic materials and exploring the potential of this art form. Additionally, students will explore the use of mixed media in primarily 2D compositions.

NATA-169 Visual Arts IV**Credits: 3 Hours: 75**

In this course, students will complete a variety of sculpture modules while exploring various sculptural processes and art media including clay, wood, plaster, metal, natural materials, and composites. These sculpture modules will also include a wide range of sculptural methods such as mold making, clay construction, glaze technology, wood and metal fabrication, digital 3-D printing, and maquette building.

NATA-173 Visual Arts V**Credits: 3 Hours: 75**

This course builds on the skills and knowledge acquired in Visual Arts I & II. Further development of drawing and painting skills will be accomplished through using a variety of mediums; including watercolor and focusing on strategies that help students produce visual expressions that reflect interpretive and expressive outcomes. Students will work on developing personal style.

TRAD-131 Introduction to the Trades**Credits: 3 Hours: 60**

Discovering your career interests is an ongoing pursuit and one that will likely continually evolve. This course introduces you to a selection of construction, industrial, and service trades and occupations where you can acquire founda-

tional knowledge and develop specialized skills through practical application in industry-standard labs. You will have the opportunity to explore designated trades and occupations such as carpenter, electrician, heavy equipment technician, power engineer, steamfitter-pipefitter, welder, cook, and hairstylist, and through interactive learning experiences, assess your own personal aptitude and preferred discipline. Note: This course is intended for those individuals not familiar with designated trades or occupation training.

PHED-200 Introduction to the Movement Activities to Children

Credits: 3 Hours: 45

This course explores the study of developmentally appropriate movement activities for children. Students participate in, and work with children in a variety of physical activities in recreational, educational and sport environments.

Prerequisite:

- English Language Arts 30-1 at 60%

PSYC-275 Brain & Behaviour

Credits: 3 Hours: 45

The purpose of the course is to introduce students to the area of biological psychology. Its focus is on the scientific study of the biological bases of human and animal behaviour with a biological approach to the study of psychology. Topics that will be covered in this course include: evolution, neuroanatomy and neurophysiology – the study of the structure and functions and activities of the nervous system, neuropharmacology – the study of the effects of drugs on neural activity, the physiological mechanisms involved in sensation, perception, movement, motivation, emotion, learning, and communication.

PSYC-104 Introductory Psychology

Credits: 3 Hours: 45

This Introductory psychology course is intended to inspire an interest in, and an appreciation for, the field of psychology. Topics in this course includes: the history of psychological science, psychological research methods, the structure and function of the brain and nervous system, learning, sensation, perception, memory, consciousness, thought and language.

Prerequisite:

- English Language Arts 30-1 at 60%

PSYC-105 Individual & Social Behaviour

Credits: 3 Hours: 45

This course is the second half of the Introductory Psychology course sequence. It will cover such topics as human intellect, human development from birth to old age, motivation, emotion, personality, social psychological processes, stress and health, as well as mental disorders and their treatments. This course is an overview of these diverse topics, most of which can be studied in one or more complete courses.

Pre/Corequisites:

- PSYC 104 Introductory Psychology

PSYC-202 Development Psychology

Credits: 3 Hours: 45

This course explores the development of the person through the stages of infancy, childhood, adolescence, adulthood and death. Each stage of human development will be studied from a physical, cognitive, and psychosocial perspective. The course will include developmental influences related to family systems and culture.

Prerequisite:

- PSYC 104 Introductory Psychology

PSYC-233 Personality

Credits: 3 Hours: 45

Description: This course involves an introduction to the primary perspectives of personality development, the theories and theorists, and their supporting research. The major perspectives which will be studied include: psychoanalytic, neoanalytic, phenomenological, learning, cognitive, dispositional, and biological. A number of alternative theories within these perspectives will also be examined and compared. The concepts of personality development emerging from psychological research and theory will be emphasized.

Prerequisite:

- PSYC 104 Introductory Psychology

PSYC-285 Abnormal Psychology

Credits: 3 Hours: 45

This course provides an overview of a variety of abnormal behaviours that are psychologically oriented. The characteristics and observable symptoms of psychological disorders are studied including various theoretical orientations, treatment methods, cultural, age and gender differences, and various factors related to the incidence of mental disorders. The learning in this course adds to the knowledge students acquired in Introductory Psychology and, for CSW students, Developmental Psychology.

Prerequisites:

- PSYC 104 Introductory Psychology and
- PSYC 105 Individual & Social Behaviour or consent of coordinator

PSYC-241 Social Psychology

Credits: 3 Hours: 45

Social Psychology is the scientific study of the way people's thoughts, feelings, and behaviours are influenced by the real or imagined presence of other people. This course examines the predominant theories and research on individuals in a social context. Specific topics that are discussed include: understanding ourselves in relation to our social world, the self-concept, impression formation and management, attitudes and attitude change, interpersonal attraction, altruism, aggression, conformity, group dynamics, prejudice, and social psychology's role in health, the environment, and the law.

Prerequisite:

- PSYC 104 Introductory Psychology

SOCI-101 Introduction to Sociology

Credits: 3 Hours: 45

This course is designed to introduce students to the discipline of Sociology and current sociological trends and issues. The course provides an overview of sociological concepts, perspectives, processes and institutions in a Canadian context.

Prerequisite:

- English Language Arts 30-1 at 60%

SOCI-125 Sociology of Aging

Credits: 3 Hours: 45

This course will use innovative and exciting methods to allow students to explore the sociological perspective of the aging process of the individual and of the population. It presents aging as a normal life process with the goal of maximizing the life potential of people at all ages. Students will gain a better understanding and appreciation of the social impact of aging in a variety of contexts, mainly focusing on Canadian society. The biological, psychological,

and social aspects of aging are explored in addition to the pros and cons of social programs and policies in Canada. The relationship of aging with our economy, health care system, and social programs will be examined in different contexts. Theories associated with Gerontology will be reviewed and the scientific method used to conduct studies will be analyzed. There will also be a variety of sources that students will have access to in order to allow for more diverse learning on the subject. This course will also be interactive in that students will have an opportunity to express their feelings and fears about the aging process of themselves and people close to them.

Prerequisite:

- English Language Arts 30-1 at 60%

SOCI-224 Sociology of Deviance and Conformity

Credits: 3 Hours: 45

An in-depth look into crime and deviance in society, looking at specific schools of thought regarding deviance and conformity within society. A historical overview included with modern ideas of crime and criminality will round out a picture of deviance and crime in contemporary society. The course will focus on such behaviours as homicide, drug use, prostitution, gangs, mental illness, and sexuality.

Prerequisite:

- SOCI 101 Introduction to Sociology

SOCI-225 Criminology

Credits: 3 Hours: 45

Description: Criminology is the exploration and explanation of general patterns of law breaking behaviours. A basic understanding of the sociological study of crime will be provided by analyzing such topics as domestic and international terrorism, serial homicide, cyber-crime, organized and white-collar crime. A discussion of how crime is measured will also be provided.

Prerequisite:

- SOCI 101 Introduction to Sociology

STAT-141 Introduction to Statistics and Research Methods

Credits: 3 Hours: 45

This introductory statistics course provides students in a variety of disciplines basic knowledge regarding the theory and application of statistics.

Prerequisites:

- English Language Arts 30-1 at 60%, and
- Math 30 at 60%

WGST-201 Introduction to Women's and Gender Studies

Credits: 3 Hours: 45

Description: This course is an interdisciplinary introduction to the study of women and issues important to women. This course is a prerequisite for other women's studies classes and will provide you with the theoretical foundations necessary for understanding women's issues. The concept of gender will be explored as a critical category in relation to race, ethnicity, sexuality, class, and culture. Social institutions such as education, family, work, health, sexuality, religion, and politics will be explored through the course readings, presentations and in-class discussions.

Prerequisite:

- English Language Arts 30-1 at 60%