

Completing High School

In Alberta, there are several ways the province recognizes high school completion:

1. a High School Diploma (see the [Diploma Requirements](#)).
2. a Certificate of High School Achievement or Completion ([Certificate of High School Achievement/Completion Requirements](#))
3. transitioning to a post-secondary institution or apprenticeship in Alberta.

Most students complete a High School Diploma in three years; however 1-2 more years can be taken if needed.

Alberta recognizes the achievement of high school students with exceptional needs and significant cognitive challenges with a Certificate of School Completion.

Course Numbers and Sequences

Courses are arranged in sequences and are assigned course numbers that indicate both the grade level and the type of challenges in the course.

1. 1st year or Grade 10 courses start with the number 1 (for example, 10, 15, 1000) or are called Introductory in Career and Technology (CTS) courses.
2. 2nd year or Grade 11 courses start with the number 2 (for example, 20, 25, 2000) or are called Intermediate in CTS courses.
3. 3rd year or Grade 12 courses start with the number 3 (for example, 30, 35, 3000) or are called Advanced in CTS courses.

Depending on your goals, sometimes the courses you take do not correspond to your grade level.

1. If you are a Grade 10 student, you might register for a 20-level course in the second semester if you have completed the 10-level course in the first semester.
2. If you are a Grade 11 student, you might register for a 10-level course to explore another area of interest.

If there is more than one-course sequence in a subject, the last digit of the course number indicates the sequence. In high school, you have choices of academic courses (such as English 10-1, English 10-2, or English 10-4).

1. Course sequences ending in -1 emphasize abstract and ambiguous challenges.
2. Course sequences ending in -2, -3, and -4 do include abstract challenges, but they emphasize increasingly concrete and practical challenges.

You do NOT need to select all your courses from the same sequence.

1. For example, depending on your strengths, needs, interests, and goals, you could choose English 10-1 and Social 10-2.



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Credits

You earn credits in a course if you have a final course mark of 50% or higher.

1. Credits show you have satisfactorily achieved the outcomes in a course.
2. 100 credits, minimum, are needed for a High School Diploma.
3. 80 credits, minimum, are needed for a High School Certificate of Achievement.
4. Most students earn more than the minimum required to take advantage of the choices available and to meet post-secondary education or career requirements.
5. Credits can only be earned once for any course. For example:
 - a. if you earn 45% in Science 10, you do NOT earn 5 credits. If you repeat Science 10 and earn 55%, you earn the higher mark and 5 credits,
 - b. if you earn 50% in Science 20, you earn 5 credits. If you repeat Science 20 and earn 70%, you keep the 5 credits and earn the higher mark. You do NOT earn additional credits.

Prerequisites

When you earn a grade of 50% or more in a given course, you gain credits for the course and the prerequisite to move to the next course in a sequence (for example, English 10-1 to English 20-1).

If you do not meet the minimum final grade of 50%, current CBE high school students may choose to repeat the course at your designated high school, online, or during summer school.

If your grade is between 40% and 49%, you may continue to the higher level in an alternative course sequence with a higher last digit number.

1. For example, if you earn 45% in English 10-1, you may continue to English 20-2. When you successfully complete English 20-2, the retroactive credits from English 10-2, the prerequisite course, will be added, OR
2. you may develop another credit recovery plan: see your school principal or assistant principal to learn more.

****IMPORTANT* - If you have difficulty in a course, talk to your teacher right away. Use feedback before retroactive credits or credit recovery is necessary.***

Provincial Diploma Examinations

Final marks in 30-level diploma courses are a blend of the school mark and diploma exam mark—your class mark is worth 70%; the Diploma Exam is worth 30%. Percentage weighting of diploma exams is at the discretion of *Alberta Education*.



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Alberta High School Diploma Graduation Requirements	
The requirements indicated in this chart are the minimum requirements for a student to attain an Alberta High School Diploma. The requirements for entry into post-secondary institutions and workplaces may require additional and/or specific courses.	
100 Credits, including the following:	
English Language Arts - 30 Level (ELA 30-1 or 30-2)	
Social Studies - 30 Level (Social Studies 30-1 or 30-2)	
Mathematics - 20 Level (Mathematics 20-1, 20-2, 20-3)	
Science - 20 Level ¹ (Science 20, 24, Biology 20, Chemistry 20 or Physics 20)	
Physical Education 10 (3 credits) ²	
Career and Life Management (3 credits) ³	
10 Credits in any combination from: <ul style="list-style-type: none"> • Career and Technology Studies courses • Fine Arts courses • Second Language ⁴ courses • Physical Education 20 and/or 30 • Knowledge and Employability courses • Registered Apprentices Program • Locally developed and authorized sources are CTS, fine arts, second languages in Knowledge and Employability occupation courses ⁵ 	10 credits in any 30-level course: (in addition to a 30-level ELA and Social Studies course as specific above) These courses may include: ⁶ <ul style="list-style-type: none"> • 30-level locally developed and authorized courses • Advanced level (3000 series) in CTS • 30-level Work Experience ⁷ • 30-level Knowledge and Employability • 30-level RAP courses • 30-level Green Certificate courses • Special Project 30
<p>❶ The science requirement—Science 20 or 24, Biology 20, Chemistry 20 or Physics 20—may also be met with the 10-credit combination of Science 14 and Science 10.</p> <p>❷ See information on exemption from the physical education requirement.</p> <p>❸ See information on exemption from the CALM requirement.</p> <p>❹ Students may earn any number of credits in studying second languages, but only a maximum of 25 language credits may be used to meet the 100-credit requirement for the Alberta High School Diploma.</p> <p>❺ Integrated Occupational Program (IOP) occupational courses may be used in place of Knowledge and Employability occupational courses to fulfill this requirement.</p> <p>❻ 30-level English language arts or 30-level social studies courses from a different course sequence may not be used to meet the 30-level course requirement.</p> <p>❼ Students may earn a maximum of 30 credits in Work Experience, but only 15 credits may be used to meet the 100-credit requirement for the Alberta High School Diploma.</p>	



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Certificate of High School Achievement Requirements (English)	
The requirements indicated in this chart are the minimum requirements for a student to attain a Certificate of High School Achievement. The requirements for entry into post-secondary institutions and workplaces may require additional and/or specific courses.	
80 Credits¹, including the following:	
English Language Arts 20-2 or 30-4	
Social Studies 10-2 or 20-4	
Mathematics 10-3 or 20-4	
Science 14 or 20-4	
Physical Education 10 (3 credits) ²	
Career and Life Management (3 credits) ³	
<p>5 Credits in:</p> <ul style="list-style-type: none"> 30-level Knowledge and Employability occupational course, or Advanced level (3000 series) in Career and Technology Studies courses, ⁴ or 30-level locally developed course with an occupational focus <p style="text-align: center;">AND</p> <p>5 credits in:</p> <ul style="list-style-type: none"> 30-level Knowledge and Employability Workplace Practicum course, or 30-level Work Experience course, ⁵ or 30-level Green Certificate course, ⁶ or Special Projects 30OR5 	<p style="text-align: center;">OR</p> <p>5 credits in:</p> <ul style="list-style-type: none"> 30-level Registered Apprenticeship Program (RAP) course ⁷
<p>❶ To qualify for a Certificate of High School Achievement, students must complete a minimum of one academic Knowledge and Employability course or be identified as a Knowledge and Employability student (710 code) within the 12 months previous to the awarding of the Certificate.</p> <p>❷ See information on exemption from the physical education requirement.</p> <p>❸ See information on exemption from the CALM requirement.</p> <p>❹ Courses that are identified using a post-secondary institution (PSI) course code may be used to meet the certificate requirement of “five credits in Advanced level (3000 series) in Career and Technology Studies courses.”</p> <p>❺ Refer to the Off-campus Education Handbook for additional information.</p> <p>❻ Refer to Alberta.ca for additional Green Certificate information.</p>	



Knowledge and Employability Program (K&E)

Knowledge and Employability courses provide students with opportunities to experience success and become well-prepared for employment, further studies, citizenship, and lifelong learning. Staff at YKCS will ensure that students are enrolled in courses that are appropriate to their highest level of achievement. Students enrolled in the K&E program will achieve a Certificate of High School Achievement once they complete 80 credits in an appropriate combination of KAE and other high school courses. Students have the opportunity to explore further education opportunities with their certificate. Knowledge and Employability courses are available to students in Grades 10 through 12 who have been recommended with a recent psycho-educational assessment.

A third route to graduation is the Certificate of School Completion.

Certificate of School Completion

The Certificate of School Completion may be awarded to students with a significant cognitive disability who meet the qualification criteria listed on the following page. Certificates will be generated using student information in PASI upon nomination by the principal/assistant principal of the school.



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Grade 10

Grade 10 course codes start with the digit "1". Students in Grade 10 are expected to enroll in courses totaling **40 or more credits**. Courses offered are typically 5 or 6 credits each. We encourage students to complete as many credits as possible in grade 10 to ensure greater timetable flexibility in the subsequent years.

Selecting Grade 10 Courses

The selection of Grade 10 courses is based on Grade 9 report card marks, comments, and teacher recommendations. To increase the probability of success, choose a course level recommended by the high school. Remember to plan for all three years of high school, not just one. Grade 10 students are expected to have a **full timetable** and cannot have spares, so they may be assigned CTS modules to meet this expectation.

Grade 10 Course Selection

Mandatory Courses (Choose <u>one</u> from each of the following sections):	
English (5 cr.): <ul style="list-style-type: none">English 10-1English 10-2English 10-4	Social Studies (5 cr.): <ul style="list-style-type: none">Social Studies 10-1Social Studies 10-2Social Studies 10-4
Mathematics (5 cr.): <ul style="list-style-type: none">Math 10C (combined -1/-2) (65%+)Math 15 (50-65% Gr. 9)Math 10-3Math 10-4	Science (5 cr.): <ul style="list-style-type: none">Science 10Science 14Science 10-4
Bible (5 cr.): <ul style="list-style-type: none">Bible 15 (25 or 35 depending on the year)	Physical Education (5 cr.): <ul style="list-style-type: none">PE 10
Complimentary Courses (more details on the following pages):	
Career and Technology Studies <ul style="list-style-type: none">Sports Performance 15 (3 cr.)Options Module (3-5 cr.)	<ul style="list-style-type: none">CALM (3 cr.)Green Certificate (5-6 cr.)Music (1-3 cr.)Drama (1-3 cr.)
Work Experience <ul style="list-style-type: none">HCS 3000 Workplace Safety Systems (<i>prerequisite</i>) (1 cr.)Work Experience 15 (up to 15 cr.)	Total Grade 10 Credits: _____
Student Signature:	
Parent Signature:	



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Grade 11 & Grade 12

Students can register for Grade 11 courses based on Grade 10 final marks and/or the most recent report card marks. If the prerequisite course shows a grade below the recommended transition average, the student is not permitted to register for the next course in the sequence without Grade Administrator approval. Grade 11 course codes start with the digit "2" e.g. Social 20

Credits

If 40 or more credits were earned in grade 10, the student should enroll in at least 35 credits in grade 11. The intent is that each student should have at least 75 credits by the end of grade 11.

Grade 11 Program Requirements

- Select any core Grade 10 courses in which credits were not earned, or transferred to lower-level sequences, with Administrator approval, to earn retroactive Grade 10 credits
- Choose one of English 20-1, English 20-2, or English 20-4
- Choose one of Social Studies 20-1, Social Studies 20-2, or Social Studies 20-4
- Choose one of Math 20-1, Math 20-2, Math 20-3 or Math 20-4
- Choose at least one of Science 20, Science 24, Science 20-4, Biology 20, Chemistry 20, or Physics 20
- Choose CALM (if not already completed)
- Choose other courses sufficient to bring your credit **total** to 75

Grade 12

Grade 12 students are expected to check diploma requirements carefully. It is the responsibility of each student to ensure that the appropriate diploma requirements are met (see page 1). A student who fails a course in a higher-level sequence may, with an appropriate mark, transfer to a lower-level sequence. Grade 12 course codes start with the digit "3", e.g. Social 30.

Grade 12 Program Requirements

- Select any core grade 11 courses in which credits were not earned, or transfer to lower-level sequences to earn retroactive grade 11 credits.
- Choose one of English 30-1, or English 30-2
- Choose one of Social Studies 30-1, or Social Studies 30-2
- Choose at least 10 credits in Grade 12 level courses other than English/Social
Choose other courses sufficient to bring your credit total to at least 30



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Grade 11 Course Selection

Mandatory Courses (Choose one from each of the following):	
<p style="text-align: center;">English (5 cr.):</p> <ul style="list-style-type: none"> English 20-1 English 20-2 English 20-4 	<p style="text-align: center;">Social Studies (5 cr.):</p> <ul style="list-style-type: none"> Social Studies 20-1 Social Studies 20-2 Social Studies 20-4
<p style="text-align: center;">Mathematics (5 cr.):</p> <ul style="list-style-type: none"> Math 20-1 Math 20-2 Math 20-3 Math 20-4 	<p style="text-align: center;">Science (5 cr.):</p> <ul style="list-style-type: none"> Biology 20 (and 30) Chemistry 20 (and 30) Physics 20 (and 30) Science 20 Science 24
<p style="text-align: center;">Bible (5 cr.):</p> <ul style="list-style-type: none"> Bible 25 (15 or 35 depending on the year) 	
Complimentary Courses (more details on the following pages):	
<p style="text-align: center;">Career and Technology Studies</p> <ul style="list-style-type: none"> Sports Performance 15 (3 cr.) Options Module (3-5 cr.) 	<ul style="list-style-type: none"> CALM (3 cr.) Green Certificate Music (1-3 cr.) Drama (1-3 cr.)
<p style="text-align: center;">Physical Education (3 or 5 cr.):</p> <ul style="list-style-type: none"> PE 20 	<ul style="list-style-type: none"> Spare (0 cr.)
<p style="text-align: center;">Work Experience</p> <ul style="list-style-type: none"> HCS 3000 Workplace Safety Systems (<i>prerequisite</i>) Work Experience 25 (up to 15 cr.) Registered Apprenticeship Program (RAP) (up to 40 cr.) 	<p>Grade 10 Credits: _____</p> <p style="text-align: center;">+</p> <p>Grade 11 Credits: _____</p> <p>Total Credits: _____</p>
<p>Student Signature:</p>	
<p>Parent Signature:</p>	



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Grade 12 Course Selection

Mandatory Courses (Choose one from each of the following):	
English (5 cr.): <ul style="list-style-type: none"> English 30-1 English 30-2 English 30-4 	Social Studies (5 cr.): <ul style="list-style-type: none"> Social Studies 30-1 Social Studies 30-2
Mathematics (5 cr.): <ul style="list-style-type: none"> Math 31 (Calculus) Math 30-1 Math 30-2 Math 30-3 	Science (5 cr.): <ul style="list-style-type: none"> Biology 30 Chemistry 30 Physics 30 Science 30
Bible (5 cr.): <ul style="list-style-type: none"> Bible 35 (15 or 25 depending on the year) 	
Complimentary Courses (more details on the following pages):	
Career and Technology Studies <ul style="list-style-type: none"> Sports Performance 15 (3 cr.) Options Module (3-5 cr.) 	<ul style="list-style-type: none"> CALM (3 cr.) Green Certificate Music (1-3 cr.) Drama (1-3 cr.)
Physical Education (3 or 5 cr.): <ul style="list-style-type: none"> PE 30 	<ul style="list-style-type: none"> Spare (0 cr.)
Work Experience <ul style="list-style-type: none"> HCS 3000 Workplace Safety Systems (<i>prerequisite</i>) Work Experience 35 (up to 15 cr.) Registered Apprenticeship Program (RAP) (up to 40 cr.) 	Grade 10 Credits: _____ + Grade 11 Credits: _____ + Grade 12 Credits: _____ Total Credits: _____
Student Signature:	
Parent Signature:	



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YKCS@Home Distance Education Course Request

Distance Education Grade 10

<u>Mandatory</u> Courses (Choose <u>one</u> from each of the following sections):	
<p style="text-align: center;">English (5 cr.):</p> <ul style="list-style-type: none"> English 10-1 English 10-2 English 10-4 	<p style="text-align: center;">Social Studies (5 cr.):</p> <ul style="list-style-type: none"> Social Studies 10-1 Social Studies 10-2 Social Studies 10-4
<p style="text-align: center;">Mathematics (5 cr.):</p> <ul style="list-style-type: none"> Math 10C (combined -1/-2) (65%+) Math 15 (50-65% Gr. 9) Math 10-3 Math 10-4 	<p style="text-align: center;">Science (5 cr.):</p> <ul style="list-style-type: none"> Science 10 Science 14 Science 10-4
<p style="text-align: center;">Bible (5 cr.):</p> <ul style="list-style-type: none"> Bible 15 	<p style="text-align: center;">Physical Education (3 cr.):</p> <ul style="list-style-type: none"> PE 10 (3 or 5 cr.)
Complimentary Courses (more details on the following pages):	
<p>Career and Technology Studies (CTS)</p> <ul style="list-style-type: none"> Options Module (3-5 cr.) 	<ul style="list-style-type: none"> CALM (3 cr.) Green Certificate (5-6 cr.)
<p style="text-align: center;">Work Experience</p> <ul style="list-style-type: none"> HCS 3000 Workplace Safety Systems (<i>prerequisite</i>) (1 cr.) Work Experience 15 (up to 15 cr.) 	<p style="text-align: center;">Total Grade 10 Credits: _____</p>
<p>Student Signature:</p>	
<p>Parent Signature:</p>	



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Distance Education Grade 11

Mandatory Courses (Choose one from each of the following):	
English (5 cr.): <ul style="list-style-type: none"> English 20-1 English 20-2 English 20-4 	Social Studies (5 cr.): <ul style="list-style-type: none"> Social Studies 20-1 Social Studies 20-2 Social Studies 20-4
Mathematics (5 cr.): <ul style="list-style-type: none"> Math 20-1 Math 20-2 Math 20-3 Math 20-4 	Science (5 cr.): <ul style="list-style-type: none"> Biology 20 (and 30) Chemistry 20 (and 30) Physics 20 (and 30) Science 20 Science 24
Bible (5 cr.): <ul style="list-style-type: none"> Bible 25 (15 or 35 depending on the year) 	
Complimentary Courses (more details on the following pages):	
Career and Technology Studies (CTS) <ul style="list-style-type: none"> Options Module (3-5 cr.) 	<ul style="list-style-type: none"> CALM (3 cr.) Green Certificate (5-6 cr.)
Work Experience <ul style="list-style-type: none"> HCS 3000 Workplace Safety Systems (<i>prerequisite</i>) Work Experience 25 (up to 15 cr.) Registered Apprenticeship Program (RAP) (up to 40 cr.) 	Physical Education (3 or 5 cr.): <ul style="list-style-type: none"> PE 20
Grade 10 Credits: _____ <div style="text-align: center;">+</div> Grade 11 Credits: _____ Total Credits: _____	
Student Signature:	
Parent Signature:	



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Distance Education Grade 12

Mandatory Courses (Choose <u>one</u> from each of the following sections):	
<p style="text-align: center;">English (5 cr.):</p> <ul style="list-style-type: none"> English 30-1 English 30-2 English 30-4 	<p style="text-align: center;">Social Studies (5 cr.):</p> <ul style="list-style-type: none"> Social Studies 30-1 Social Studies 30-2
<p style="text-align: center;">Mathematics (5 cr.):</p> <ul style="list-style-type: none"> Math 31 (Calculus) Math 30-1 Math 30-2 Math 30-3 	<p style="text-align: center;">Science (5 cr.):</p> <ul style="list-style-type: none"> Biology 30 Chemistry 30 Physics 30 Science 30
<p style="text-align: center;">Bible (5 cr.):</p> <ul style="list-style-type: none"> Bible 35 (15 or 25 depending on the year) 	
Complimentary Courses (more details on the following pages):	
<p>Career and Technology Studies (CTS)</p> <ul style="list-style-type: none"> Options Module (3-5 cr.) 	<ul style="list-style-type: none"> CALM (3 cr.) Green Certificate (5-6 cr.)
<p>Physical Education (3 or 5 cr.):</p> <ul style="list-style-type: none"> PE 30 	<p style="text-align: center;">Work Experience</p> <ul style="list-style-type: none"> HCS 3000 Workplace Safety Systems (<i>prerequisite</i>) Work Experience 35 (up to 15 cr.) Registered Apprenticeship Program (RAP) (up to 40 cr.)
<p>Grade 10 Credits: _____</p> <p style="text-align: right; margin-right: 50px;">+</p> <p>Grade 11 Credits: _____</p> <p style="text-align: right; margin-right: 50px;">+</p> <p>Grade 12 Credits: _____</p> <p>Total Credits: _____</p>	
<p>Student Signature:</p>	
<p>Parent Signature:</p>	

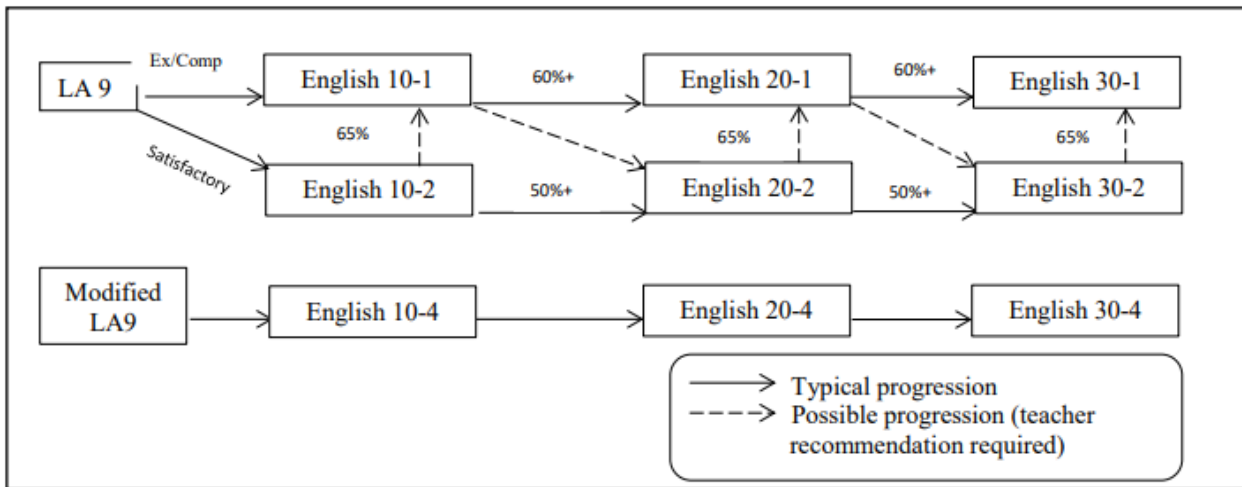


ENGLISH

High School English Language Arts courses are designed to improve communication skills in six areas – listening, speaking, viewing, reading, writing, and representing. English is one of the required programs that students must take at all grade levels. By completing English courses at the grade 10, 11, and 12 levels, graduates are either preparing for continued academic studies or improving their communication skills for the world of work.

- All English courses are five credits.
- English 30-1 and English 30-2 are diploma exam courses. **Completion of one of these courses is required to earn an Alberta High School Diploma**

Suggested Transfer Points and Prerequisite Marks



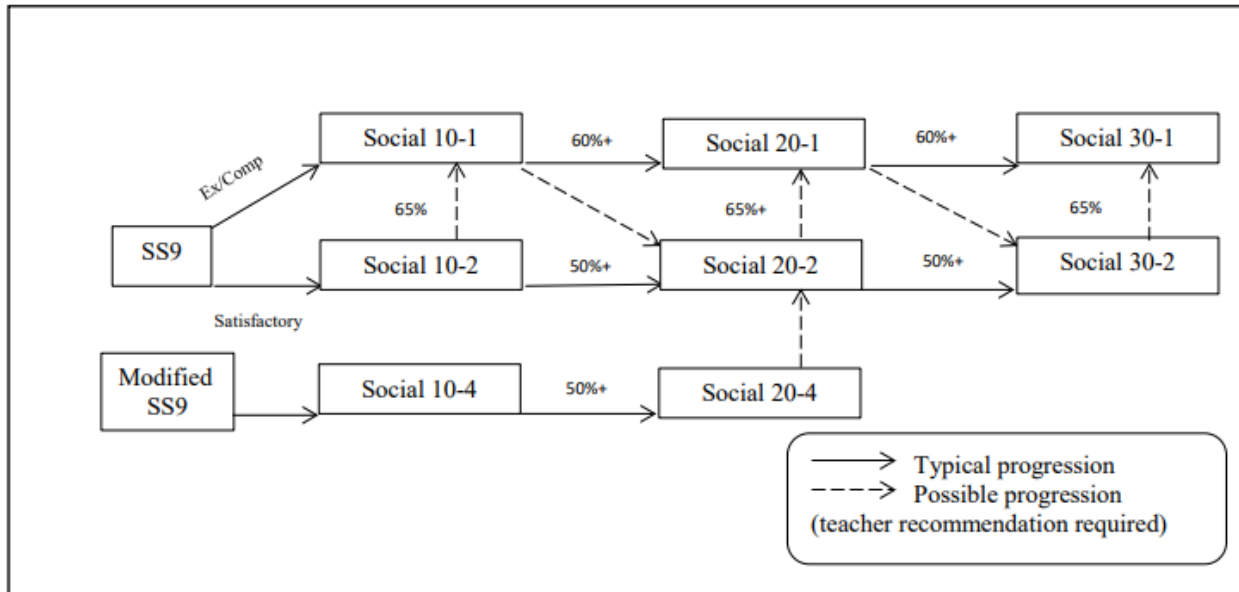
SOCIAL STUDIES

Social Studies provides opportunities for students to become active, informed, and responsible citizens. It is an interdisciplinary subject that draws upon history, geography, ecology, economics, law, philosophy, political science, and other social science disciplines. Social Studies is one of the required programs that students must take at all grade levels. All students must earn credits at the 10, 20, and 30 levels to be eligible for graduation.

- All Social Studies courses are 5 credits each.
- Students should select courses based on their abilities, interests, and career plans.
- Social Studies 30-1 and Social Studies 30-2 are diploma exam courses.

Completion of one of these courses is required to earn an Alberta High School Diploma.

Suggested Transfer Points and Prerequisite Marks



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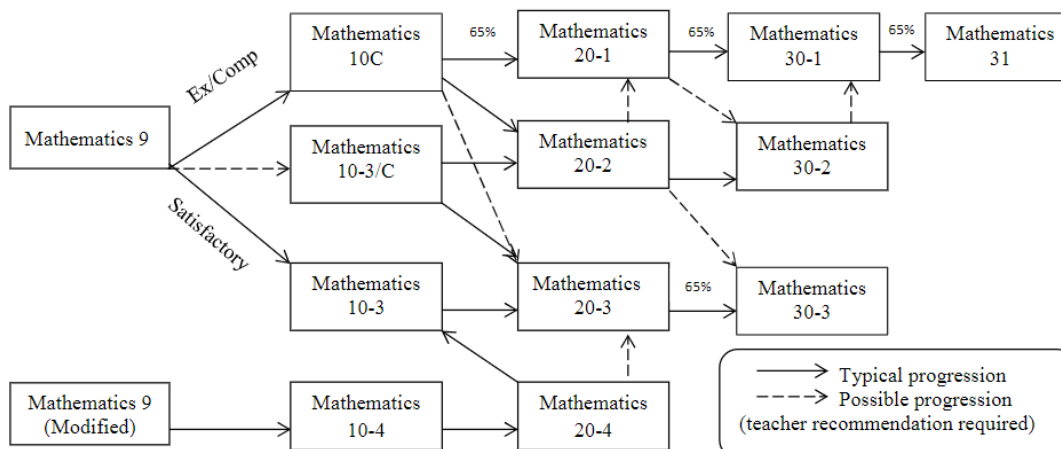
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MATHEMATICS

- All math courses are 5 credits each.
- Diploma exams will be written in Math 30-1 and Math 30-2.
- A school-generated final will be written in Math 30-3 (there is no Diploma exam for Math 30-3).
- The TI-84 will be the calculator used by the teachers in the classroom. A list of other permissible calculators is posted on the Alberta Education website, (under the link called [2022-2023 Calculator Information and Rules for Mathematics and Science](#))
- Upon completion of a math course, the teacher will recommend subsequent course placement.

Students require a 20-level (Grade 11) math course to graduate from high school.

Suggested Transfer Points and Prerequisite Marks



Curriculum Course Sequences:

Mathematics 10C, 20-1, 30-1

For entry into:

post-secondary programs at universities, colleges and technical institutions that may require further study of mathematics:

Engineering
Mathematics
Sciences
Business

Designed for:

students interested in careers emphasizing mathematics or sciences

Topics in this sequence include:

permutations and combinations, relations and functions, sequences and series, trigonometry, logarithms, exponents and statistics

Mathematics 10C, 20-2, 30-2

For entry into:

a variety of programs and faculties at universities, colleges and technical institutions:

Arts program
Medical technologies
Some Apprenticeship programs
Nursing programs
Education programs

Designed for:

students interested in careers in a wide variety of areas

Topics in this sequence include:

relations and functions, equations, probability, trigonometry, logarithms

Mathematics 10-3, 20-3, 30-3

For entry into:

a variety of apprenticeship programs or the workforce:

Trade programs
Some Apprenticeship programs

Designed for:

students interested in trades or direct entry into the workforce

Topics in this sequence include:

finance, geometry, measurement and trigonometry

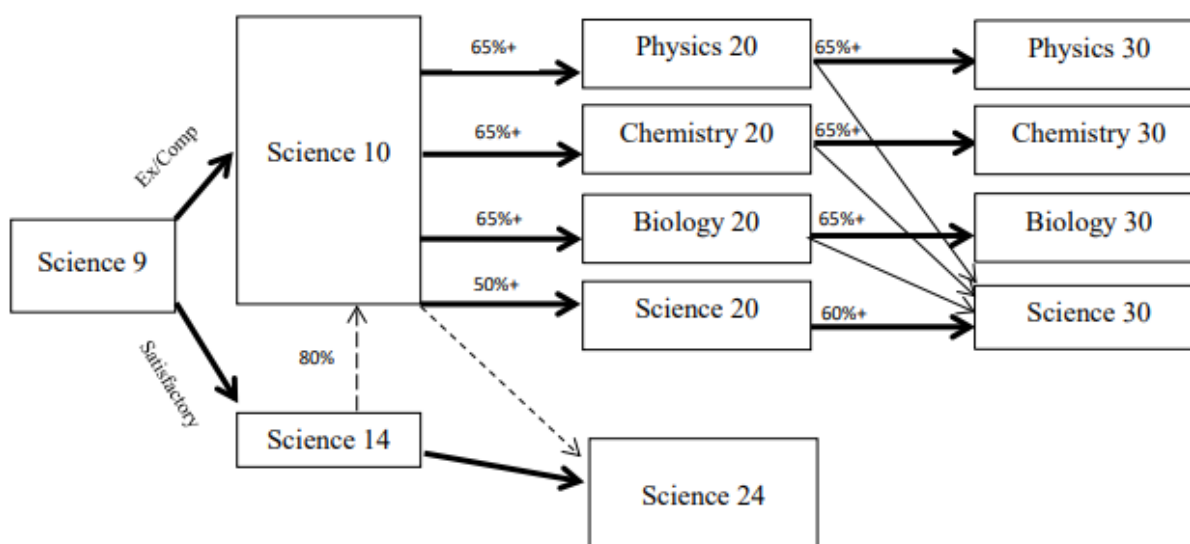


SCIENCE

Senior High Science courses are designed to allow students to understand the scientific world and gain an appreciation for scientific research. In addition, students attain a level of scientific awareness, become scientifically literate, explore careers in science, and make informed decisions.

- All Science courses are 5 credits
- **Completion of a 20-level Science is required for students to earn an Alberta High School Diploma.**

Suggested Transfer Points and Prerequisite Marks



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PHYSICAL EDUCATION

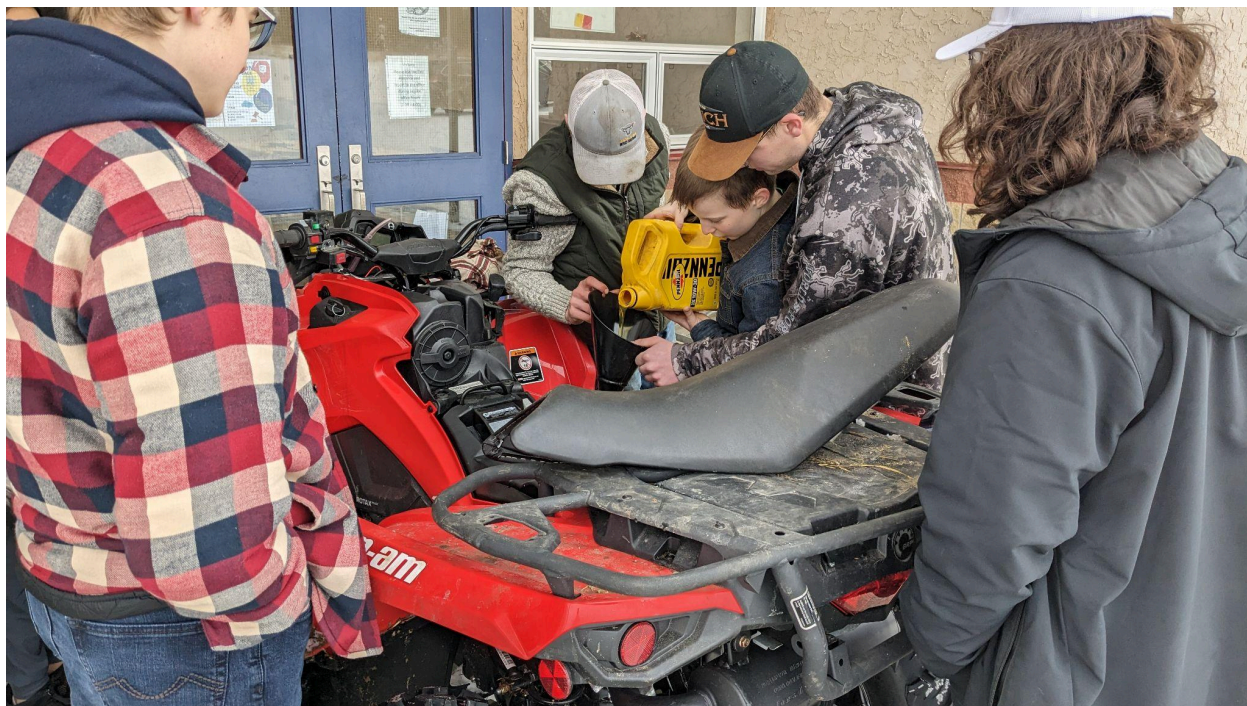


Physical Education is geared towards the active participation of all students. Skills and techniques are taught in class, but they are secondary to the overall goal of making the students feel comfortable, challenged, and aware of the benefits of a healthy lifestyle. Students' participation in Physical Education will see them explore a variety of activities on and off the campus; the goal of all of these courses is to motivate students to embrace a lifelong active lifestyle.

Students must complete PE 10 to earn an Alberta High School Diploma.



CAREER AND LIFE MANAGEMENT



Career and Life Management is an exciting course to prepare you, a high school student, for the real world. This course covers material related to three main areas that will better prepare you for life after high school:

- **Career Choices:** Students will explore potential career choices. Students will also learn things to consider when applying to jobs, preparing documents like resumes, and learning about work-life and other expectations.
- **Finances:** Learning to understand financial management and how it is related to everyday adult experiences, e.g. budgeting, credit, and investments.
- **Health and Wellness:** Exploring individual choices when it comes to living a balanced, healthy life and how the decisions you make affect you on a personal level.

Career and Life Management must be completed to earn an Alberta High School Diploma.

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SPORTS PERFORMANCE

Sports Performance is intended to help provide students with the tools to become the best version of themselves while encouraging ways to achieve a healthier lifestyle. This course is recommended to any motivated students who want to explore an opportunity to improve their athletic skills and understanding of fitness. This program is perfect for students who want to challenge themselves because they want to enhance their knowledge, skills, and attitudes regarding personal fitness. Through a combination of theory and practical exposure to these areas, students will be provided with a multitude of learning opportunities. Learning and participating in this program will allow students to gain an appreciation for how athletics can positively impact all aspects of life.

Sports Performance is one of our teacher-led options courses. This course is offered periodically when there is enough student interest and paired with CALM 20

Sports Performance 15 (3 cr.) includes the following modules:

- REC1040 - Foundations to Training 1
- REC1050 - Sport Psychology
- HSS1020 - Nutrition and Wellness

Possibly available in the future:

Sports Performance 25 (3 or 5 cr.) includes a combination of the following modules:

- REC2040 - Foundations for Training 2
- REC2120 - Coaching 1
- REC2010 - Nutrition and Recreation for Sport
- REC3130 - Officiating
- REC3030 - Speed and Agility



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CAREER AND TECHNOLOGY STUDIES (CTS)

Career and Technology Studies (CTS) link theory and practice, associating and extending the knowledge, skills, and attitudes developed in academic courses within a practical, personally relevant context. Each area is a series of one to five-credit modules. It includes the following strands:

- BIT (Business, Administration, Finance and Information Technology), Accounting, Computer Science, Entrepreneurship, Marketing (Advertising), Office Computer Skills
- NAT Natural Resources
- TMT (Trades, Manufacturing and Transportation) Construction, Fabrication, Mechanics
- HRH (Health, Recreation and Human Services) Cosmetology, Foods, Legal Studies, Personal Fitness, Sports Medicine, Wellness
- MDC (Media, Design and Communication Arts) Communication Technology, Video Broadcasting and Editing, Web Design

(Note: All teacher-led CTS course offerings are dependent upon sufficient enrollment.)

YKCS has recently partnered with eDynamics Learning. An Educational company that builds career-based CTS modules. They have provided us with a library of over 100 modules (3-5 credit courses) that students can choose from to explore careers and build skills through lessons and hands-on projects. eDynamic modules are indicated in **Maroon**.

BIT – Business, Administration, Finance and Information Technology

Information Technology	
<ul style="list-style-type: none">• CSE 1110 - Computer Science• EDL228 Microsoft Outlook• EDL229 Microsoft PowerPoint• EDL298 Touch Systems Data Entry: Keyboard Like a Pro	<ul style="list-style-type: none">• INF1070 - Digital Presentation• EDL232 Microsoft Access• EDL230 Microsoft Word• EDL231 Microsoft Excel
Finance	
<ul style="list-style-type: none">• EDL389 Accounting 1a: Introduction• EDL390 Accounting 1b: Making Sense of the Money• EDL018 Personal and Family Finance• EDL415 Personal Finance and Money Management• FIN1010 - Personal Finance Information	<ul style="list-style-type: none">• EDL223 Principles of Business, Marketing, & Finance 1a: Introduction• EDL224 Principles of Business, Marketing, and Finance 1b: Targeting Your Business Insight



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<ul style="list-style-type: none"> • FIN1015 - Accounting Prep • FIN1020 - Accounting Cycle 1 • FIN1030 - Accounting Cycle 2 	
Business Management and Administration	
<ul style="list-style-type: none"> • EDL271 Business Communications 1a: Introduction • EDL272 Business Communications 1b: Listen, Speak, & Write in the Workplace • EDL215 Business Information Management 1a: Introduction • EDL216 Business Information Management 1b: Data Essentials • EDL273 Business Law 1a: Introduction • EDL274 Business Law 1b: Legal Aspects of Business • EDL377 Human Resource Management 1b: People & Performance • EDL030 International Business: Global Commerce in the 21st Century • EDL275 Legal Admin Specialist 1a: Introduction • EDL276 Legal Admin Specialist 1b: Taking Care of the Legal Office • EDL239 Management 1a: Introduction • EDL240 Management 1b: Insight & Oversight • EDL263 Medical Office Administration 1a: Introduction • EDL264 Medical Office Administration 1b: Visit to the Front Office • MAM3010 - The Business Organization • MAM3030 - Business in the Global Marketplace • MAM3050 - Distributing Goods and Services 	<ul style="list-style-type: none"> • EDL281 Business Business Ownership 1a: Introduction • EDL282 Business Business Ownership 1b: Reach for the Stars • EDL279 Digital Design 1a: Introduction • EDL280 Digital Design 1b: Express Your Ideas Visually • EDL261 Entrepreneurship 1a: Introduction • EDL262 Entrepreneurship 1b: Make Your Idea a Reality • EDL299 Human Resource Management 1a: Introduction • EDL247 Office Administration 1a: Introduction • EDL248 Office Administration 1b: Running the Office • EDL223 Principles of Business, Marketing, & Finance 1a: Introduction • EDL224 Principles of Business, Marketing, and Finance 1b: Targeting Your Business Insight • EDL287 Professional Sales and Promotion 1a: Introduction • EDL288 Professional Sales and Promotion 1b: Secrets of Sales Success • EDL391 Professional Communication • EDL289 Sports & Entertainment Marketing 1a: Introduction • EDL290 Sports & Entertainment Marketing 1b: Promoting the Main Event



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<ul style="list-style-type: none"> • MAM3040 - Promotion Sales Techniques 	
Marketing, Sales, and Service	
<ul style="list-style-type: none"> • EDL064 Advertising and Sales Promotion • EDL291 Digital Marketing 1a: Introduction • EDL292 Digital Marketing 1b: Creating Online Buzz • EDL226 Marketing Foundations 1a: Introduction • EDL227 Marketing Foundations 1b: Building Your Base • EDL269 Marketing 2a: Global Business & Trade • EDL270 Marketing 2b: Developing a Sales Team 	<ul style="list-style-type: none"> • EDL223 Principles of Business, Marketing, & Finance 1a: Introduction • EDL224 Principles of Business, Marketing, and Finance 1b: Targeting Your Business Insight • EDL223 Principles of Business, Marketing, & Finance 1a: Introduction • EDL224 Principles of Business, Marketing, & Finance 1b: Targeting Your Business Insight • EDL059 Social Media: Our Connected World • EDL034 Sports and Entertainment Marketing • EDL289 Sports & Entertainment Marketing 1a: Introduction

NAT – Natural Resources

Agriculture and Resources	
<ul style="list-style-type: none"> • AGR1010 - Introduction to Agriculture • AGR2045 - Companion Animals • AGR 3000 - Agriculture Safety - a prerequisite for Green Certificate • FOR1010 - Forests and Society • EDL044 Agriscience 1: Introduction • EDL398 Agriscience 2a: Exploring Horticulture • EDL399 Agriscience 2b: Sustaining Human Life 	<ul style="list-style-type: none"> • EDL069 Forestry and Natural Resources E • DL070 Principles of Agriculture, Food and Natural Resources • EDL071 Renewable Technologies • EDL012 Veterinary Science: The Care of Animals
Science and Engineering	
<ul style="list-style-type: none"> • EDL112 Biotechnology 1a: Introduction • EDL113 Biotechnology 1b: Unlocking Nature's Secrets 	<ul style="list-style-type: none"> • EDL221 Introduction to Programming 1a: Introduction • EDL222 Introduction to Programming 1b: Problem-Solving



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<ul style="list-style-type: none"> • EDL255 Applied Engineering 1a: Introduction • EDL256 Applied Engineering 1b: Solving Problems Together • EDL361 Biotechnician 1a: Introduction • EDL362 Biotechnician 1b: Advancements in Biotechnology • EDL373 Biotechnician 2a: Moving into the Lab • EDL374 Biotechnician 2b: The Future of Biotechnology • EDL112 Biotechnology 1a: Introduction EDL374 Biotechnician 2b: The Future of Biotechnology • EDL113 Biotechnology 1b: Unlocking Nature's Secrets • EDL087 Coding 1a: Introduction to Programming • EDL105 Coding 1b: Programming • EDL336 Computer Maintenance 1a: Introduction • EDL337 Computer Maintenance 1b: Network Needs • EDL067 Concepts of Engineering and Technology • EDL131 Forensics: The Science of Crime • EDL013 Great Minds in Science: Ideas for New Generation 	<p>Through Programming</p> <ul style="list-style-type: none"> • EDL322 Programming 2a: Procedural Programming • EDL323 Programming 2b: Creative Programming • EDL385 Marine Science 1a: Introduction • EDL150 Principles of Information Technology 1a: Introduction • EDL150 Principles of Information Technology 1a: Introduction • EDL151 Principles of Information Technology 1b: Working with Computers • EDL071 Renewable Technologies • EDL326 Robotics 1a: Introduction • EDL327 Robotics 1b: Intelligent Robots • EDL328 Robotics 2a: Design a Robot • EDL329 Robotics 2b: Build Your Robot
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TMT – Trades, Manufacturing, and Transportation

<ul style="list-style-type: none"> • EDL400 Manufacturing 1a: Introduction • FOD3030 - Creative Baking • FOD3070 - Short Order Cooking • MEC1040 Engine Fundamentals • MEC1090 Electrical System Fundamentals • MEC2020 Vehicle Maintenance • MEC2030 Lubrication & Cooling • MEC2040 Fuel & Exhaust Systems • MEC2050 Alternative Fuel Engines • MEC2100 Power Assist Accessories 	<ul style="list-style-type: none"> • EDL401 Manufacturing 1b: Your Path in Manufacturing • MEC1015 Mechanics Safety and Foundation • MEC1020 Mechanical Careers • MEC1130 Mechanical Systems • MEC1150 Ride & Control Systems • MEC 1165 Mechanical Welding Fundamentals • MEC 20210 Vehicle Details • MEC2060 Ignition Systems • MEC2070 Emission Controls • MEC2090 Electrical Accessories • MEC2120 Hydraulic accessories
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<ul style="list-style-type: none"> • MEC2110 Braking Systems • MEC2140 Transmission/Transaxle • MEC2160 Steering Systems • MEC3050 Engine Replacement • MEC3070 Engine Reconditioning and Engine Block • MEC3090 Computer Systems • MEC3110 Climate Control • MEC3120 Power Assisting • MEC3150 Wheel Alignment 	<ul style="list-style-type: none"> • MEC2130 Drive Line • MEC2150 Wheels and Tires Theory • MEC3030 Engine Diagnosis • MEC3040 Engine Tune-Up • MEC3060 Engine Reconditioning and Cylinder Head • MEC3080 Alternative Energy Systems • MEC3100 Safety Systems • MEC3130 Automotive Transmission • MEC3140 Drive Train Repair
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MDC – Media, Design, and Communication Arts

Arts, A/V Technology & Communications	
<ul style="list-style-type: none"> • COM1205 - Photography Intro • EDL353 3D Modeling 1a: Introduction • EDL354 3D Modeling 1b: Set the Scene • EDL351 Animation 1a: Introduction • EDL352 Animation 1b: Animating Your Creativity • EDL279 Digital Design 1a: Introduction • EDL280 Digital Design 1b: Express Your Ideas Visually • EDL237 Digital Media Fundamentals 1a: Introduction • EDL238 Digital Media Fundamentals 1b: Producing for the Web • EDL320 Digital Media Web Design 2a: Build a Portfolio Website • EDL321 Digital Media Web Design 2b: Build an eCommerce Website • EDL233 Digital Photography 1a: Introduction • EDL234 Digital Photography 1b: Creating Images with Impact! • EDL017 Digital Photography 2: Discovering Your Creative Potential • EDL349 Fashion Design 	<ul style="list-style-type: none"> • EDL243 Foundations of Game Design 1a: Introduction • EDL244 Foundations of Game Design 1b: Storytelling, Mechanics, and Production • EDL350 Interior Design • EDL391 Professional Communication • EDL298 Touch Systems Data Entry: Keyboard Like a Pro • EDL355 Theater, Cinema & Film Production 1a: Introduction • EDL356 Theater, Cinema & Film Production 1b: Lights, Camera, Action! • EDL219 Web Development 1a: Introduction • EDL220 Web Development 1b: Planning and Designing • EDL318 Web Development 2a: Sketching and Scripting • EDL319 Web Development 2b: Website Go Live



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HRH – Health, Recreation and Human Services

Health and Health Services	
<ul style="list-style-type: none"> • HSS1010 - Health Services Foundations • HSS3020 - Mental Health and Wellness • EDL249 Allied Health Assistant 1a: Introduction • EDL250 Allied Health Assistant 1b: Skills and Specialties • EDL148 Anatomy and Physiology 1a: Introduction • EDL149 Anatomy and Physiology 1b: Discovering Form and Function • EDL361 Biotechnician 1a: Introduction • EDL362 Biotechnician 1b: Advancements in Biotechnology • EDL373 Biotechnician 2a: Moving into the Lab • EDL254 Biotechnician 2b: The Future of Biotechnology • EDL253 Dental Assistant 1a: Introduction • EDL254 Dental Assistant 1b: Principles of Clinical Dentistry • EDL308 Dental Assistant 2a: Infection Prevention and Pharmacology • EDL309 Dental Assistant 2b: Exploring Specialized Areas of Dentistry • EDL265 EKG Technician 1a: Introduction • EDL266 EKG Technician 1b: Analysis and Response • EDL300 Emergency Medical Responder 1a: Introduction • EDL301 Emergency Medical Responder 1b: Prepared for Action 	<ul style="list-style-type: none"> • EDL313 Health Science Theory 1b: Health Science Skills • EDL267 Medical Assistant 1a: Introduction • EDL268 Medical Assistant 1b: Medical Assisting in Action • EDL259 Medical Diagnostics Technology 1a: Introduction • EDL260 Medical Diagnostics Technology 1b: Exploring Systems & Procedures • EDL310 Medical Lab Assisting 1a: Introduction • EDL311 Medical Lab Assisting 1b: Clinical Lab Safety & Procedures • EDL263 Medical Office Administration 1a: Introduction • EDL264 Medical Office Administration 1b: Visit to the Front Office • EDL241 Medical Terminology 1a: Introduction • EDL242 Medical Terminology 1b: Discovering Word Foundations • EDL245 Nursing Assistant 1a: Introduction • EDL246 Nursing Assistant 1b: Patient Care • EDL394 Pathophysiology 1a: Introduction • EDL395 Pathophysiology 1b: Beyond the Pathogen • EDL302 Pharmacology 1a: Introduction • EDL303 Pharmacology 1b: Analysis and Effects • EDL304 Sports Medicine 1a: Introduction



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<p>EDL152 Health Science Foundations 1a: Introduction</p> <ul style="list-style-type: none"> • EDL153 Health Science Foundations 1b: Professional Responsibilities • EDL091 Health Science: Public Health • EDL092 Health Science: Nursing • EDL029 Health Science 1: The Whole Individual • EDL054 Health Science 2: Patient Care and Medical Services • EDL312 Health Science Theory 1a: Introduction 	<ul style="list-style-type: none"> • EDL305 Sports Medicine 1b: Injury Prevention • EDL306 Sports Medicine 2a: Working With Clients • EDL307 Sports Medicine 2b: Personalizing Your Practice
Education and Training	
<ul style="list-style-type: none"> • EDL387 Child Development 1a: Journey through Childhood • EDL388 Child Development 1b: Working with Children • EDL118 Early Childhood Education 1a: Introduction • EDL119 Early Childhood Education 1b: Developing Early Learners • EDL293 Human Growth and Development 1a: Introduction 	<ul style="list-style-type: none"> • EDL294 Human Growth and Development 1b: Journey Into Adulthood • EDL404 Teaching & Education 1a: Introduction • EDL405 Teaching & Education 1b: In the Classroom • EDL016 Real World Parenting
Hospitality & Tourism	
<ul style="list-style-type: none"> • EDL235 Culinary Arts 1a: Introduction • EDL236 Culinary Arts 1b: Finding Your Palate • EDL096 Culinary Arts 2: Baking, Pastry, and More! • EDL297 Food Safety: Practices & Procedures • EDL295 Hotel Management 1a: Introduction 	<ul style="list-style-type: none"> • EDL296 Hotel Management 1b: Exploring the Industry • EDL027 Hospitality & Tourism 1: Traveling the Globe • EDL088 Hospitality & Tourism 2a: Hotel & Restaurant Management • EDL111 Hospitality & Tourism 2b: Management, Marketing & Operations • EDL061 Restaurant Management
Human Services	



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<ul style="list-style-type: none"> • EDL046 Cosmetology 1: Cutting Edge Styles • EDL100 Cosmetology 2: The Business of Skin & Nail Care • EDL108 Cosmetology 3a: Introduction to Hair Skills EDL156 Cosmetology 3b: Waving, Coloring, and Advancing Hair Skills • EDL387 Child Development 1a: Journey through Childhood • EDL388 Child Development 1b: Working with Children • EDL118 Early Childhood Education 1a: Introduction • EDL119 Early Childhood Education 1b: Developing Early Learners 	<ul style="list-style-type: none"> • EDL293 Human Growth and Development 1a: Introduction • EDL294 Human Growth and Development 1b: Journey Into Adulthood • EDL261 Entrepreneurship 1a: Introduction • EDL262 Entrepreneurship 1b: Make Your Idea a Reality • EDL093 Human and Social Services 1: Introduction • EDL018 Personal and Family Finance • EDL016 Real World Parenting
Recreation and Sport	
<ul style="list-style-type: none"> • REC 2040 - Foundation for Training 2 • EDL304 Sports Medicine 1a: Introduction • EDL305 Sports Medicine 1b: Injury Prevention • EDL289 Sports & Entertainment Marketing 1a: Introduction 	<ul style="list-style-type: none"> • REC 3140 - Sports and Society • EDL306 Sports Medicine 2a: Working With Clients • EDL307 Sports Medicine 2b: Personalizing Your Practice • EDL290 Sports & Entertainment Marketing 1b: Promoting the Main Event
Criminal Justice and Law	
<ul style="list-style-type: none"> • EDL347 Careers in Criminal Justice 1a: Introduction • EDL348 Careers in Criminal Justice 1b: Finding Your Specialty • EDL008 Criminology: Inside the Criminal Mind • EDL131 Forensics: The Science of Crime • EDL011 Forensic Science 1: Secrets of the Dead • EDL022 Forensic Science 2: More Secrets of the Dead 	<ul style="list-style-type: none"> • EDL003 Law and Order: Introduction to Legal Studies • EDL275 Legal Admin Specialist 1a: Introduction • EDL276 Legal Admin Specialist 1b: Taking Care of the Legal Office • EDL074 National Security • EDL058 Principles of Public Service: To Serve & Protect • LGS1020 - Public Law • LGS2010 - Family Law • LGS2020 - Employment Law • LGS3080 - Criminal Law



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<ul style="list-style-type: none">• General Sociology• General Psychology	
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Life after High School

Here are several online resources that can be used by students and parents to plan for life after high school.

- Alberta Learning Information Service
 - <http://www.alis.alberta.ca/>
- Alberta Apprenticeship and Industry Training
 - <http://www.tradesecrets.alberta.ca/>
- myBlueprint
 - <http://www.myblueprint.ca/>

All post-secondary schools have online information regarding admissions and requirements for diploma, certificate, or degree programs. Some common institutions are listed below. A general web search can be used to find other options

- University of Alberta
 - www.ualberta.ca
- University of Lethbridge
 - www.ulethbridge.ca
- University of Calgary
 - <https://www.ucalgary.ca>
- Concordia University of Edmonton
 - www.concordia.ab.ca
- NAIT – Northern Alberta Institute of Technology
 - www.nait.ca
- MacEwan University
 - www.macewan.ca
- The King’s University
 - www.kingsu.ca
- Ambrose University
 - www.ambrose.edu
- Prairie College
 - www.prairie.edu/
- Briercrest College and Seminary
 - www.briercrest.ca/
- Peace River Bible Institute
 - www.prbi.edu/

