



2025-2026

# Course Registration Calendar

GRANDE PRAIRIE COMPOSITE HIGH SCHOOL

# Contents

<b>Alberta High School Requirements .....</b>	<b>4</b>
Why Finish High School .....	4
Diplomas and Certificates .....	4
Alberta High School Diploma .....	4
Knowledge and Employability Courses .....	6
Alberta Certificate of High School Achievement (K&E) .....	6
Alberta Certificate of High School Completion (ISC) .....	7
<b>Grade 10-12 Core Courses .....</b>	<b>8</b>
English.....	8
Mathematics .....	10
Sciences.....	13
Social Studies.....	15
Career and Life Management.....	16
Physical Education .....	16
<b>International Baccalaureate.....</b>	<b>17</b>
<b>Academy Athletics .....</b>	<b>21</b>
<b>The AVID Program .....</b>	<b>22</b>
<b>Grade 10-12 Elective Courses .....</b>	<b>23</b>
Automotive Studies .....	23
Automotive Apprenticeship.....	24
Business Education .....	25
Computer Studies .....	26
Construction .....	27
Cosmetology.....	29
Cosmetology Apprenticeship .....	30
Culinary Arts .....	31
Fabrication Studies (Welding) .....	32
Art.....	33
Drama .....	33
*New Improvisational Theatre 15.....	33
Film and Media Art .....	34
Musical Theatre .....	34

Fashion.....	35
French .....	35
Spanish.....	36
*New Punjabi Language and Culture 10.....	36
Music .....	37
Visual Communications .....	38
Fitness .....	39
Leadership.....	39
*NEW Fantasy and Science Fiction Appreciation.....	39
Outdoor Education .....	40
*NEW Traditional Land Based Learning.....	40
Social Sciences .....	41
*NEW Story Seeks 25.....	41
*NEW Epic History 15.....	41
*NEW History of Warfare 15-25.....	41
*NEW GameForge 25.....	41
*NEW Athletic Training.....	41
<b><i>Sample 4yr Graduation Plans .....</i></b>	<b>42</b>

# Alberta High School Requirements

## Why Finish High School

Finishing high school is the first step to helping you secure a positive future in post-secondary education or in the workforce. For most jobs in Alberta, you need a minimum of a high school diploma or a high school equivalency diploma. To be accepted into many post-secondary programs, you need specific high school or high school equivalent courses.

## Diplomas and Certificates

Alberta Education diplomas and certificates certify that the holder has successfully completed a prescribed program of instruction.

A student who is awarded a diploma or certificate from this list is a graduate:

- Alberta High School Diploma
- Certificate of High School Achievement
- Certificate of School Completion

Having a diploma or certificate does not necessarily guarantee admission to a post-secondary institution. Students should make an appointment for their graduation meeting in Student Services to discuss post-secondary institution options and admission requirements.

## Alberta High School Diploma

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 30-1 or 30-2; and
- Social Studies 30-1 or 30-2; and
- Mathematics 20-1 or 20-2 or 20-3; and
- Science 20 or 24 or Biology 20 or Chemistry 20 or Physics 20\*; and
- Physical Education 10 or Physical Education 10T; and
- Career and Life Management (CALM 20);

### AND Earn 10 credits, in any combination from:

- Career and Technology Studies (CTS)
- Fine Arts
- Languages
- Physical Education 20 and/or Physical Education 30
- Registered Apprenticeship Program (RAP)
- Knowledge and Employability courses; and

### Earn 10 credits in any 30-level course (in addition to English and Social Studies), in any combination, from:

- 30 level Mathematics, Science, Fine Arts, Second Languages, CTS, or Physical Education and/or
- 30 level locally developed course (learn more about these course options through your High School) and/or
- 35 level Work Experience and/or
- 35 level Registered Apprenticeship Program (RAP) and/or
- 30-4 level Knowledge & Employability courses

- Provincial exams are required in English 30-1 and 30-2, Social Studies 30-1 and 30-2, Mathematics 30-1 and 30-2, Biology 30, Chemistry 30, Physics 30 and Science 30. Final marks in these courses represent a blend of the school-awarded mark (70%) and the diploma examination mark (30%).
- The science requirement may also be met with the 10-credit combination of Science 14 and Science 10.
- Students may earn any number of credits in the study of 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.
- Integrated Occupational Program (IOP) occupational courses may be used in place of Knowledge and Employability occupational courses to fulfill this requirement.
- 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.
- 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.

Information provided and more available at: [www.education.alberta.ca](http://www.education.alberta.ca)

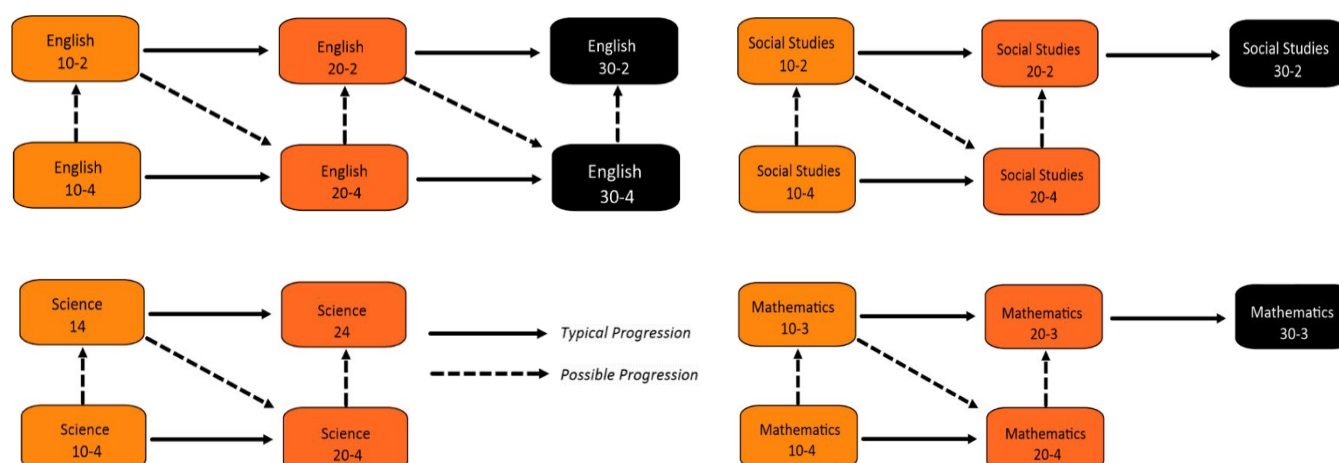
# Knowledge and Employability Courses

Students taking K&E courses may qualify for a Certificate of High School Achievement or they may continue their studies to qualify for an Alberta High School Diploma. To qualify for a Certificate of High School Achievement, students must successfully complete a minimum of one academic K&E course. Knowledge and Employability (K&E) courses are intended for students who have experienced difficulty with learning and have been recommended by teachers as well as parents for these course selections. Students who take any knowledge and employability course will be on a pathway to earn their Alberta Certificate of High School Achievement.

## Alberta Certificate of High School Achievement (K&E)

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 Credits including the following:	
<ul style="list-style-type: none"> <li>English Language Arts 20-2 or 30-4</li> <li>Mathematics 10-3 or 20-4</li> <li>Science 14 or 20-4</li> <li>Social Studies 10-2 or 20-4</li> <li>Physical Education 10 (3 credits)</li> <li>Career and Life Management (CALM)</li> </ul>	
5 Credits in	
<ul style="list-style-type: none"> <li>30-level Knowledge and Employability occupational course, or</li> <li>30-level Career Technology Studies (CTS) course, or</li> <li>30-level locally developed/acquired and authorized course with an occupational focus</li> </ul>	
AND	
5 credits in	
<ul style="list-style-type: none"> <li>30-level Knowledge and Employability Workplace Practicum course, or</li> <li>30-level Work Experience course, or</li> <li>30 level Green Certificate course, or</li> <li>Special Projects 30</li> </ul>	
OR	
5 Credits in	
<ul style="list-style-type: none"> <li>30-level Registered Apprenticeship Program (RAP) course</li> </ul>	

To qualify for a Certificate of High School Achievement, students must successfully complete a minimum of one academic Knowledge and Employability course. Knowledge and Employability courses are identified by “-4” in the course name, *ex English 10-4*.



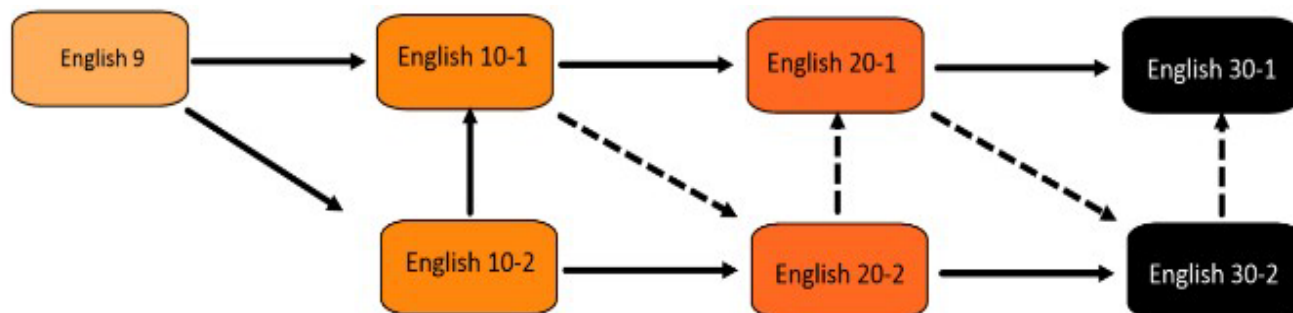
# Alberta Certificate of High School Completion (ISC)

Students with a significant cognitive disability can achieve the Certificate of School Completion if they are unable to achieve an Alberta High School Diploma or a Certificate of High School Achievement (Knowledge and Employability).

ISC (Innovative Support Centre) addresses the individual learning needs of students with various abilities from those requiring a community based self-contained program to those requiring a partial or fully modified educational program of studies. Students in ISC will have the opportunity to participate in Commencement Ceremonies and receive a ***Certificate of School Completion*** at the end of their 12 years. No credits will be awarded.

# Grade 10-12 Core

## English



—————> Typical Progression

- - - - -> Possible Progression

Last Year's English Course	Last Year's Mark	Next Years English Course Selection

	English -1 Stream	English -2 Stream
Description	This route is intended for students who want the option of attending university after high school. There is a greater emphasis on analytical writing, challenging texts, and assignments that require considerable time and effort.	This route focuses on the practical aspects of English Language Arts. There is a greater emphasis on high-interest texts, personal and practical writing, and in-class completion of assignments.

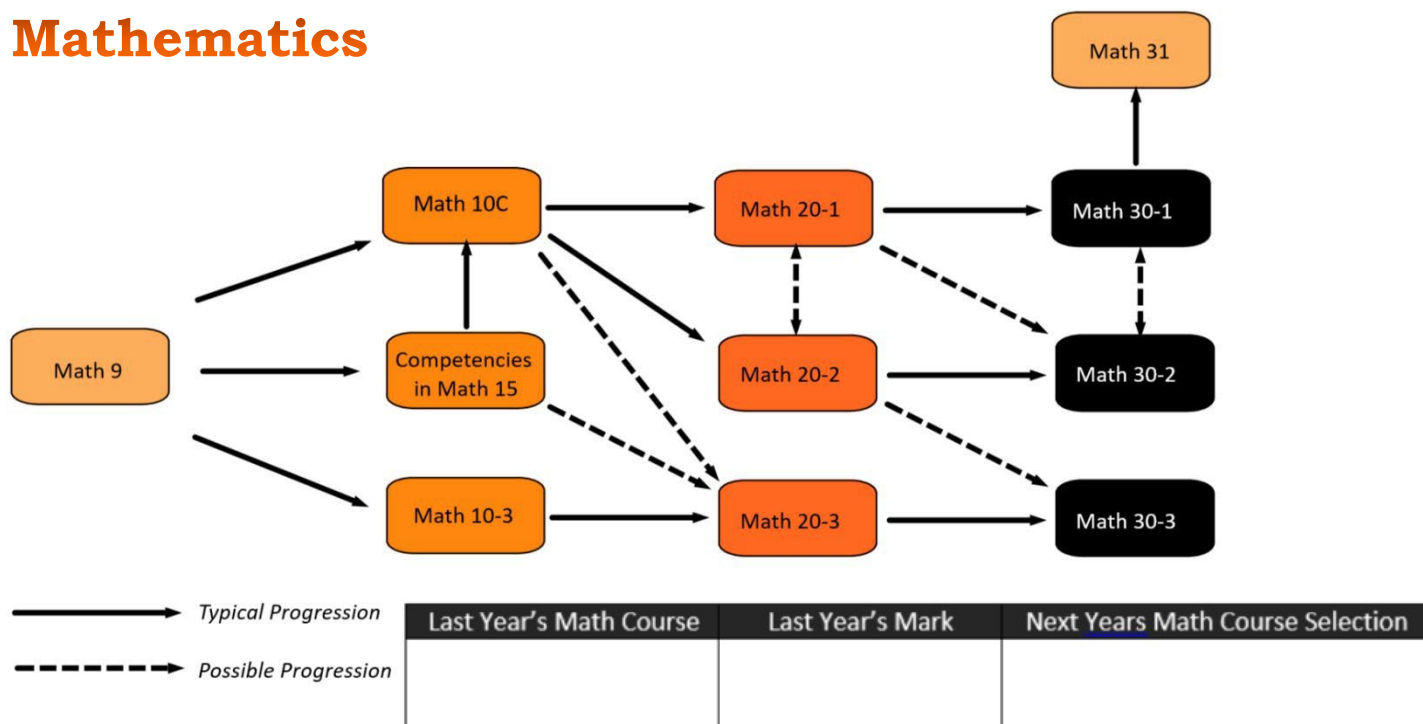
	English 10-1 (5 credits) Prerequisite: English 9 (recommended 60%)	English 10-2 (5 credits) Prerequisite: English 9
Reading	Students will explore a variety of literary genres, including Shakespearean drama.	Students will read a variety of fiction and non-fiction texts, including at least one novel.
Writing	Students will learn to write analytically and personally, in addition to writing a number of other written and oral texts.	Students will focus on the practical application of English Language Arts, including personal, exploratory, and persuasive writing.



	<b>English 20-1</b> (5 credits) <i>Prerequisite: English 10-1(recommended 60%)</i>	<b>English 20-2</b> (5 credits) <i>Prerequisite: English 10-2</i>
Reading	Students will study texts from a variety of genres, including literary fiction, Shakespearean drama, and poetry. Students will be expected to demonstrate their understanding of literary terms and techniques.	Students will read a variety of practical or high-interest texts, including a novel and a play. Students will understand context and identify literary terms and techniques.
Writing	Students will be expected to write several personal and analytical essays, narrative responses, and a script.	Students will be expected to write several personal and persuasive responses, narrative responses, and a script.

	<b>English 30-1</b> (5 credits) <i>Prerequisite: English 20-1(recommended 60%)</i>	<b>English 30-2</b> (5 credits) <i>Prerequisite: English 20-2</i>
Reading	Students will analyze challenging texts from a variety of genres, demonstrating their understanding of literary techniques.	Students will explore a variety of texts that they can connect to their own experience and context
Writing	Students will hone their ability to craft the analytical essay, as well as further developing their personal and creative writing skills	Students will respond to texts personally, analytically, and persuasively, demonstrating their understanding of a variety of types of writing
<ul style="list-style-type: none"> <li>• In addition to reading and writing, all English courses will study and demonstrate their understanding of the other Language Arts strands of Listening, Speaking, Viewing, and Representing.</li> <li>• All English -1 and -2 courses culminate in a final exam with an equally weighted reading comprehension multiple choice exam and a written response exam.</li> </ul>		

# Mathematics



The main goals of mathematics education are to prepare students to:

- use mathematics confidently to solve problems.
- communicate and reason mathematically.
- appreciate and value mathematics.
- make connections between mathematics and its applications.
- commit themselves to lifelong learning.
- become mathematically literate adults, using mathematics to contribute to society.

Students who have met these goals will:

- gain understanding and appreciation of the contributions of mathematics as a science, philosophy and art.
- exhibit a positive attitude toward mathematics.
- engage and persevere in mathematical tasks and projects.
- contribute to mathematical discussions.
- take risks in performing mathematical tasks.
- exhibit curiosity.

## Mathematics “10, 20, 30-1” Course Sequence

- if I want to study mathematics or sciences at a university, college, or technical institute and go on to a related career.
- is for students who plan to enter post-secondary programs such as engineering, mathematics,

sciences, some business studies, or other programs that require advanced math skills. The sequence is a co-requisite for mathematics 31 and may be required for post-secondary calculus courses.

- includes topics such as permutations and combinations, relations and functions, sequences and series, and trigonometry.

## Mathematics “10, 20, 30-2” Course Sequence

- if I want to attend a university or college, or technical institute after high school, but do not need calculus skills.
- is for students wishing to study at the post-secondary level in diverse fields, including arts programs, civil engineering technology, medical technologies, and some apprenticeship programs. This path will fulfill most students’ needs.
- is designed with a great deal of flexibility, so that the student can switch sequences in Grade 11 or Grade 12 if his or her interests change.
- includes topics such as relations, functions and equations, probability, statistics, and trigonometry.

## Mathematics “10, 20, 30-3” Course Sequence

- if I am interested in learning the mathematics needed to enter most trades or if I want to enter the workforce after high school.

- is for students who want to apprentice to a trade or enter the workforce directly after high school. It is designed to meet the entrance requirements of apprentices in most trades programs, specifically levels one to three.
- includes topics such as finance, geometry, measurement, and trigonometry.

### **Math 10C (5 credits)**

*Prerequisite: 50% or higher in Math 9 (recommended 60%) OR Competencies in Math 15 (recommended 60%)*  
This combined course is the starting point for both the “-1” and the “-2” course sequences. Topics of study include:

- Measurement – Measurement Systems, Surface Area and Volume, Right Triangle Trigonometry
- Algebra and Number – Exponents and Radicals, Polynomials
- Relations and Functions – Linear Relations and Functions, Linear Equations and Graphs
- Systems of Equations – Solving Linear Systems Graphically and Algebraically

### **Competencies in Math 15 (5 credits)**

*Recommended Prerequisite: 40-60% in Math 9*  
The Competencies in Math course is designed as a bridge between Math 9 and Math 10C. It covers the essential outcomes from Math 9 as well as some other important skills that will improve a student’s chance of being successful in Math 10C. Topics that will be covered include: Number Skills, Operations with Exponents, Solving Equations (Algebraically), Trigonometry, Measurement, Relations and Functions, and Polynomials. It is designed for the student that received a mark between 40% and 49% in Math 9 who wishes to eventually take Math 10C. This course would also be beneficial for students that received a mark between 50% and 60% in Math 9 but don’t feel they have a strong enough background to be successful in Math 10C.

### **Math 10-3 (5 credits)**

*Recommended Prerequisite: less than 50% in Math 9*

- Geometry – Lines, Angles, Pythagorean Theorem, Polygons, and Trigonometry
- Number – Unit Pricing, Currency Exchange, and Income
- Algebra - Manipulation and application of various formulae
- Measurement – Metric and Imperial Systems and solving problems using these systems

### **Math 20-1 (5 credits)**

*Prerequisite: Math 10C (recommended 70%)*

Math 20-1 consists of the following topics of study:

- Patterns – Sequences and Series, Trigonometry
- Quadratic Functions, Quadratics Equations
- Systems of Equations, Linear and Quadratic Inequalities
- Functions and Equations – Radical Expressions and Equations, Rational Expressions and Equations, Absolute Value and Reciprocal Functions

### **Math 20-2 (5 credits)**

*Prerequisite: Math 10C*

Math 20-2 consists of the following topics:

- Measurement – Proportional Reasoning, Rates, Scale Diagrams
- Geometry – Properties of Angles in Triangles, Acute Triangle Trigonometry
- Number and Logic – Inductive and Deductive Reasoning, Radicals, Puzzles and Games
- Statistics – Statistical Reasoning
- Relations and Functions – Quadratic Functions, Quadratic Equations
- Research Project

### **Math 20-3 (5 credits)**

*Prerequisite: Math 10-3 or 40% in Math 10C or 50% in Competencies in math 15*

- Measurement – Solve problems that involve SI and imperial units in surface area and volume measurements
- Geometry – Scales and Scale Diagrams, Problems Involving Two and Three Right Triangles
- Number – Puzzles and Games, Personal Budgets, Managing Finances, Credit Cards
- Algebra - Manipulation and Application of Various Formulae, Slope, Proportional Reasoning
- Statistics – Create and Interpret Various Graphs – bar graphs, histograms, line graphs, circle graphs

### **Math 30-1 (5 credits)**

*Prerequisite: Math 20-1 (recommended 70%)*

Math 30-1 consists of the following topics:

- Transformations and Functions – Function Transformations, Radical Functions, Polynomial Functions
- Trigonometry – Trigonometry and the Unit Circle, Trigonometric Functions and Graphs, Trigonometric Identities
- Exponential and Logarithmic Functions – Exponential Functions and Equations, Logarithmic Functions and Equations

- Equations and Functions – Rational Functions, Functions Operations, Permutations and Combinations, The Binomial Theorem

### **Math 30-2 (5 credits)**

*Prerequisite: Math 20-2 (recommended 60%)*

- Logical Reasoning and Probability – Set Theory, Permutations and Combinations, Probability
- Relations and Functions – Rational Expressions and Equations, Polynomial Functions, Exponential and Logarithmic Functions, Sinusoidal Functions
- Research Project

### **Math 30-3 (5 credits)**

*Prerequisite: Math 20-3 or 40% in Math 20-2*

Math 30-3 consists of the following topics:

- Measurement – Solve problems that involve limitations of measuring instruments, including precision, accuracy, uncertainty and tolerance
- Geometry – Sine Law
- and Cosine Law, Transformations on 2-D and 3-D objects including translations, rotations, reflections, and dilations
- Number – Puzzles and Games, Buying a vehicle, Viability of small business
- Algebra – Solving problems involving linear relations
- Statistics and Probability – Measures of Central Tendency, Percentiles, Probability

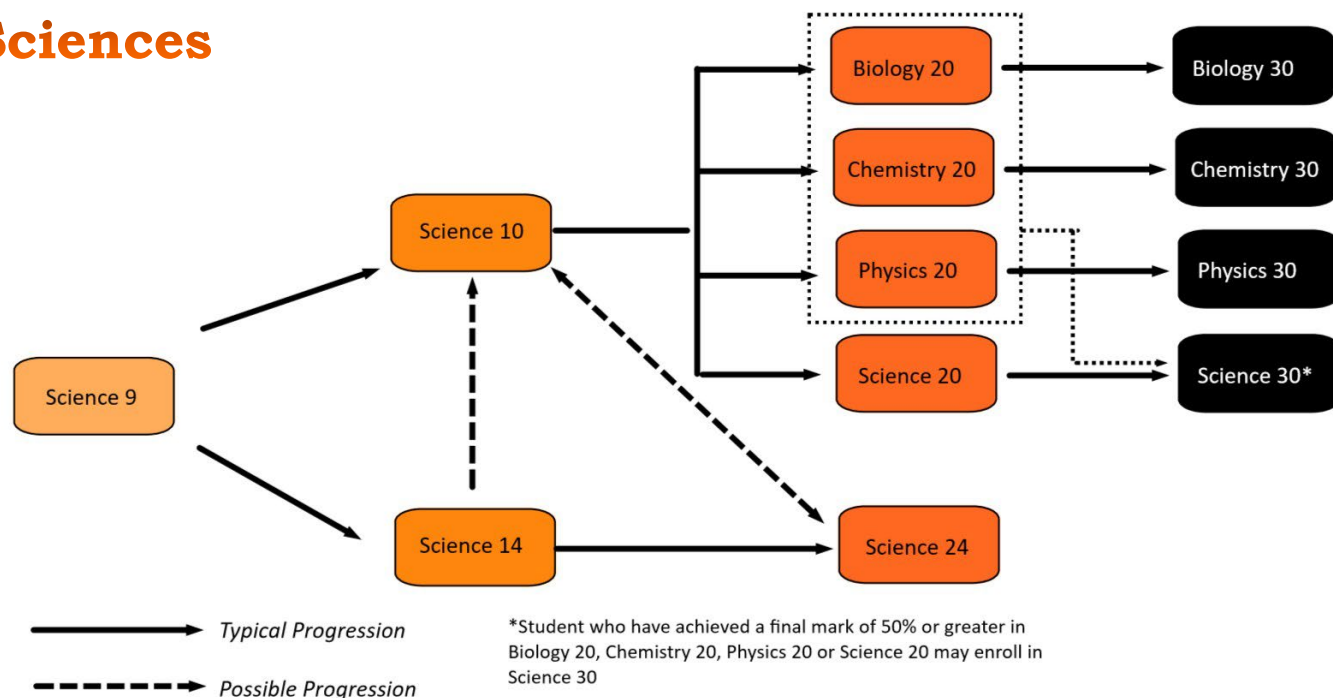
### **Math 31 (5 credits)**

*Prerequisite: Math 31 is generally taken after Math 30-1, however they can be taken concurrently.*

The objectives of Math 31 (Calculus) are:

- To develop an understanding of the algebra of functions and transformations, together with their graphs, and to apply these understandings in different areas of mathematics.
- To develop a fluency in algebraic computations involving rational expressions, inequalities, absolute values and trigonometric functions.
- To achieve an understanding of the principal concepts and methods of differential and integral calculus.
- To develop skills in problem solving and reasoning, using calculus concepts.
- To understand the connections and interplay among various mathematical concepts and between mathematics and other disciplines.

# Sciences



Last Year's Science Course(s)	Last Year's Mark(s)	Next Years Science Course Selection(s)

The senior high science programs will help all students attain the scientific awareness needed to function as effective members of society. Students will be able to pursue further studies and careers in science and come to a better understanding of themselves and the world around them.

## Science 10 (5 credits)

**Recommended Prerequisite:** 60% or higher in Science 9  
 Science 10 is a prerequisite for Science 20, Physics 20, Chemistry 20 and Biology 20. Science 10 consists of four units of study: Chemistry, Physics, Biology and Climate Change.

## \*New Science 14-24 (10 credits)

For the 24/25 school year, Science 14 and Science 24 will be offered as a combined course in one semester. This course designed for students who received less than 50% in science 9 or failed Science 14 in the 2023-2024 school year. This will meet graduation requirements for Science. Students wishing to go on to post-secondary or trades can then opt to take Science 10 in subsequent semesters.

## Biology 20 (5 credits)

**Prerequisite:** Science 10 (recommended 60% in Biology Unit)

Biology 20 consists of the following units of study: Ecology, Population Change, Photosynthesis, Cellular Respiration and 5 Human Body Systems.

## Chemistry 20 (5 credits)

**Prerequisites:** Science 10 (recommended 60% in Chemistry Unit)

Chemistry 20 consists of four units of study: The Diversity of Matter and Chemical Bonding, Forms of Matter: Gases, Matter as Solutions, Acids and Bases and Quantitative Relationships in Chemical Changes.

**Physics 20** (5 credits)

*Prerequisites: Science 10 (recommended 60% in Physics Unit)*

Physics 20 consists of four units of study: Kinematics, Dynamics, Circular Motion, Work and Energy and Oscillatory Motion and Mechanical Waves.

**Science 20** (5 credits)

*Prerequisite: Science 10 (recommended 60%)*

An integrated academic course that consists of four units of study: Chemistry, Physics, Ecology and Geology. This course is similar in rigor and math skill requirement to Science 10.

**Science 24** (5 credits)

*Prerequisites: Science 14 or 40% in Science 10.*

Science 24 consists of four units of study: Chemistry, Physics, Disease Defense, and Transportation Safety.

**Biology 30** (5 credits)

*Prerequisite: Biology 20 (recommended 60%)*

This course is designed for students who are planning to attend university or college. Please refer to the universities or colleges you may attend to see if Biology 30 is required for your chosen field of study. Biology 30 consists of the following units of study: Nervous and Endocrine Systems, Reproduction, Human Development, Cell Division, Classical Genetics, Molecular Biology and Population and Communities.

**Chemistry 30** (5 credits)

*Prerequisite: Chemistry 20 (recommended 60%)*

This course is designed for students who are planning to attend university or college. Please refer to the universities or colleges you may attend to see if Chemistry 30 is required for your chosen field of study. Chemistry 30 consists of four units of study: A. Thermochemical Changes B. Electrochemical Changes C. Chemical Changes of Organic Compounds D. Chemical Equilibrium Focusing on Acid-Base Systems.

**Physics 30** (5 credits)

*Prerequisite: Physics 20 (recommended 60%)*

This course is designed for students who are planning to attend university or college. Please refer to the universities or colleges you may attend to see if Physics 30 is required for your chosen field of study. Physics 30 consists of four units of study: Momentum and Impulse, Forces and Fields, Electromagnetic Radiation, and Atomic Physics

**Science 30** (5 credits)

*Prerequisites: Students must have passed Science 20 or any other 20 level science course to take Science 30.*

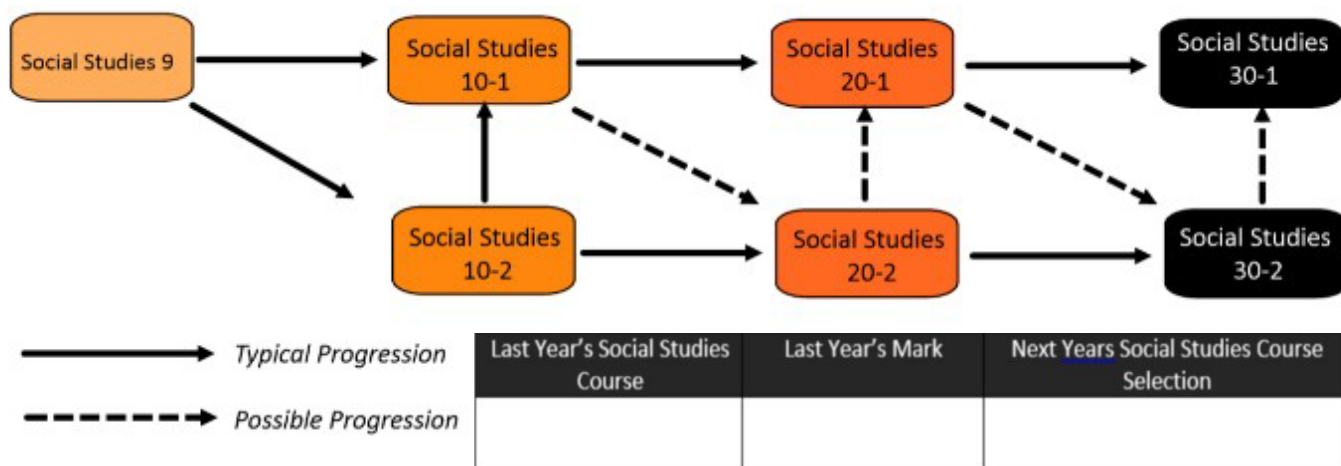
This course is designed for students who are planning to attend university or college. Please refer to the universities or colleges you may attend to see if Science 30 is accepted for your chosen field of study. Science 30 consists of four environmentally focused units of study: Human Systems (Biology); Chemistry and the Environment; Electromagnetic Energy Production; and Alternative Energy and the Environment.

**\*NEW Competencies in Science 15 (Credits: 5)**

**Prerequisite:** None

Competencies in Science 15 is designed for students who want to strengthen their foundational science knowledge and skills before taking Science 10. This course focuses on developing scientific inquiry, reasoning, and problem-solving abilities through hands-on investigations, data analysis, and application of scientific models. Students will enhance their ability to evaluate information, interpret scientific texts, and communicate their findings effectively.

# Social Studies



Competency	Social Studies 10-1, 20-1, 30-1	Social Studies 10-2, 20-2, 30-2
<b>Writing Skills</b>	Emphasis in the written component is on <b>complexity</b> and relationships among the issues.	Emphasis in the written component is on <b>identification</b> of issues and determining the value of a position.
<b>Reading Comprehension Skills</b>	Emphasis involves in-depth and <b>challenging</b> vocabulary in a broad range of formats.	Emphasis involves a <b>practical</b> application of vocabulary in range of formats.
<ul style="list-style-type: none"> <li>All high school Social Studies courses are required to complete a final exam with both a multiple choice and written component. At the grade 12 level this is the Provincial Diploma Exam.</li> <li>All Grade 9's are required to write the Provincial Achievement Test (Multiple Choice).</li> </ul>		

## Social 10-1: Exploring Globalization

*Prerequisite: Social Studies 9 (recommended 60%)*

Students explore multiple perspectives on globalization at the local, national, and international levels by way of the impacts of globalization on identity, lands, cultures, economies, human rights and international relations; with specific attention to the role of residential schools in historical and contemporary settings.

## Social 10-2: Living in a Globalized World

*Recommended Prerequisite: less than 60% in Social Studies 9*

Students examine multiple perspectives on globalization at the local, national, and international levels by way of the impacts of globalization on identity, lands, cultures, economies, human rights and international relations;

with specific attention to the role of residential schools in historical and contemporary settings.

## Social 20-1 Exploring Nationalism

*Prerequisite: Social Studies 10-1 (recommended 60%)*

Students explore the complexities of nationalism in the Canadian and international contexts. Included is the study of the origins of nationalism and the influence of nationalism on regional, national, and international relations.

## Social 20-2 Understandings of Nationalism

*Prerequisite: Social Studies 10-2*

Students examine nationalism in the Canadian and international contexts. Included is the study of the origins of nationalism and the influence of nationalism on regional, national and international relations.

### Social 30-1: Perspectives on Ideology

*Prerequisite: Social Studies 20-1 (recommended 60%)*

Students explore the development, complexities, and a multitude of perspectives on the origins of ideologies with a focus on liberalism. Specific attention is focused on an investigation of the reasons for and against the application of ideological principles in contemporary political, social, and economic practice.

Completion of Social Studies 30-1 requires the writing of a provincial diploma examination.

### Social 30-2: Understandings of Ideology

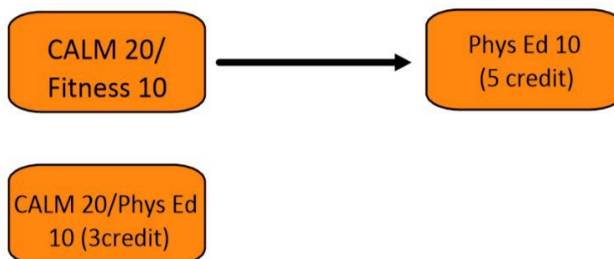
*Prerequisite: Social Studies 20-2*

Students examine the origins and components of ideology with a focus on liberalism. A variety of perspectives on the application of ideology in contemporary political, social, and economic practice is examined.

Completion of Social Studies 30-2 requires the writing of a provincial diploma examination.

## Career and Life Management

- Student who wish to take Phys Ed 10T (3 credit) will register in CALM 20/Phys Ed 10 (3 credit)
- Students who wish to take Phys Ed 10 (5 credit) will also register in CALM 20/Fitness 10



### CALM 20 (3 credits)

Career and Life Management (CALM 20) is a course that provides senior high students with opportunities to engage in authentic, useful and meaningful activities that help to develop and practice their skills in real life-based discussions and assignments. The aim of CALM is to enable students to make well-informed, considered decisions and choices in all aspects of their lives and to

develop behaviors and attitudes that contribute to the well-being and respect of self and others, now and in the future. Over the course of the quarter, presenters from various local organizations maybe invited in to talk to students about real life issues that are prevalent to their age group and beyond. These presentations give students the opportunity to ask questions and allow for self-reflection, expression and personal growth.

## Physical Education

The aim of the Physical Education program is to enable individuals to develop the knowledge, skills, and attitudes necessary to lead an active, healthy lifestyle. The Physical Education program emphasizes active living with a focus on physical activity that is valued and integrated into daily life. All Physical Education courses are participation based and, therefore, require daily effort, proper active wear and indoor shoes in order to be successful.

### Phys Ed 10 (5 credits)

is designed for those students who really enjoy being active and participating in sport at a higher level of intensity. Greater emphasis will be placed on skill and skill development in this course.

### Phys Ed 10T (3 credits)

Designed for those students who would like to meet the minimum requirements to graduate (3 credits of PE). There may be more emphasis on the activities that promote an active lifestyle and less emphasis on competitive sports.

*Note: There may be an opportunity (dependent on interest and scheduling) to have classes that are all boys or all girls. Please indicate on your registration form if you would prefer such a class.*

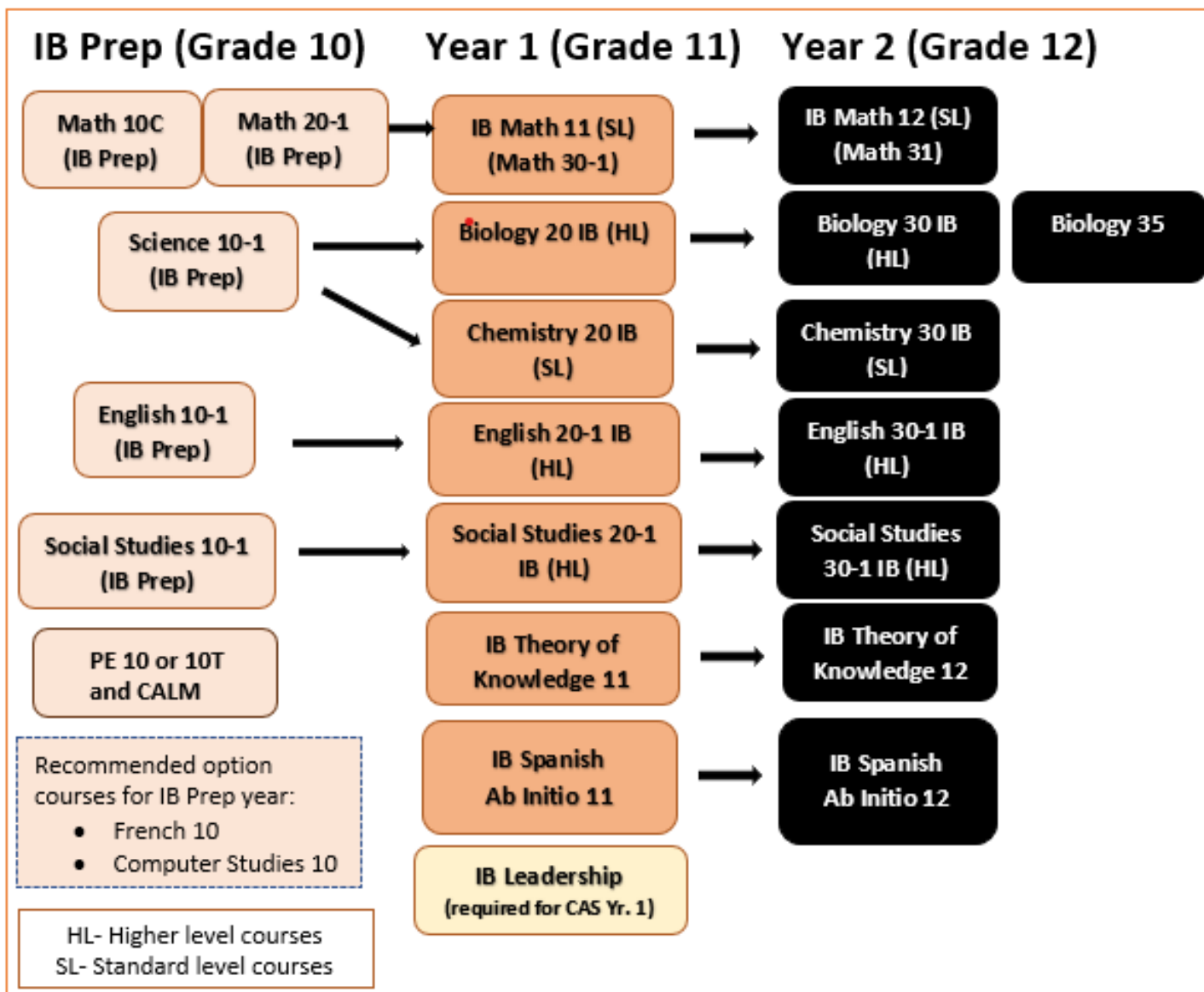
### Phys Ed 20 and Phys Ed 30 (5 credits)

*Course Fee: \$40.00*

are available to those who would like to continue their learning and were successful in PE10. Students will be given input in the selection of course activities which may include field trips into the community.



# International Baccalaureate



**English 10-1 IB Prep** (5 credits) *Prerequisite: ELA 9 (recommended 65% or teacher recommendation)*

This course is strongly recommended for students planning on pursuing an IB diploma, as it will provide the groundwork for IB English (English 20 HL, English 30 HL and Works in Translation 35). This course is recommended for students thinking about pursuing a career with rigorous academic requirements. Students will receive a grounding in important literary concepts and conventions and will apply them to literature as well as the world around them. Expression through writing, collaboration, and classroom participation are all essential for success.

**IB English 20-1 IB HL** (5 credits)

*Prerequisite: English 10-1 GPCHS IB Prep (recommended 65%) or teacher recommendation.*

This is the one of three English courses required for IB English (English A: Literature Higher Level) and is taken in the student's Grade Eleven year. However, eligible students enrolled in this class may choose to opt out of the IB component of the course (Internal Oral Presentation) at any time while still maintaining their enrollment. There is a heavy emphasis on literary texts and critical analysis in this course, providing a foundation for the demands of future IB assessments, the provincial diploma exam, and post-secondary studies.

\*Students will earn credit in English 20-1

**IB English 30-1 HL** (5 credits)

*Prerequisite: English 20 HL (recommended 65%)*

Taken in Grade 12, this course is the third of the three English courses required for IB English (English A: Literature Higher Level). Students will write numerous literary commentaries in addition to the writing tasks in English 30-1. The genre focus will be on the novel, though other genres will also be explored. For IB assessments, students will complete their Written Assignment and Internal Oral Commentary and

Discussion. Students will also prepare for their IB exams and the provincial diploma examination.

\*Students will earn credit in English 30-1

**Social Studies 10-1 IB Prep** (5 credits) *Prerequisite:*

*Social Studies 9 (recommended 65% or teacher recommendation)*

Students explore multiple perspectives on globalization at the local, national, and international levels by way of the impacts of globalization on identity, lands, cultures, economies, human rights, and international relations. Formative inquiry-based projects introduce students to the study of history and the ethos of the IB program.

Key course questions:

1. *To what extent should globalization shape identity?*
2. *To what extent should contemporary society respond to the legacies of historical globalization?*
3. *To what extent does globalization contribute to sustainable prosperity for all people?*
4. *To what extent should I, as a citizen, respond to globalization?*

**IB History 20 HL** (5 credits)

*Prerequisite: Social Studies 10-1 GPCHS IB Prep (recommended 65%) or teacher recommendation*

A concentration on the study of the 20<sup>th</sup> century and regional focus on the history of Europe. Learners will demonstrate an awareness of key historical concepts, interpretations and relationships through the construction of arguments reflecting an understanding of continuity of change and impact of cause and effect.

IB History HL topics

1. The French Revolution and Napoleon I (1774–1815)
2. Europe and the First World War (1871-1918)
3. European states in the interwar years (1918-1939)
4. Versailles to Berlin: Diplomacy in Europe (1919–1945)
5. The move to global war 1931-1941

Causes and effects of 20<sup>th</sup> Century wars: The Cold War Superpower tensions and rivalries (20<sup>th</sup> Century)

\*Students will receive credit in Social Studies 20-1

**IB History 30 HL (5 credits)**

*Prerequisite: Successful completion of IB History 20*

A concentration on the study of the 20<sup>th</sup> century and regional focus on the history of Europe. Learners will demonstrate an awareness of key historical concepts, interpretations, and relationships through the construction of arguments reflecting an understanding of continuity of change and impact of cause and effect.

IB History HL topics

1. The French Revolution and Napoleon I (1774–1815)
2. Europe and the First World War (1871-1918)
3. European states in the interwar years (1918-1939)
4. Versailles to Berlin: Diplomacy in Europe (1919–1945)
5. The move to global war 1931-1941
6. Causes and effects of 20<sup>th</sup> Century wars: The Cold War Superpower tensions and rivalries (20<sup>th</sup> Century)

Full IB credit students are required to complete:

- Internal Assessment (IA) comprising a 2,000-word historical inquiry.
- 3 IB exam papers in May of the grade 12 year

\*All students are also required to complete the Alberta Social Studies 30-1 provincial diploma examination to receive credit in Social Studies 30-1.

**IB Theory of Knowledge (TOK) (6 credits)**

*Prerequisite: Grade 12 TOK requires the successful completion of TOK 11*

TOK is a course that is taken in two parts over the grade 11 and 12 years which allows students to seek an awareness of how individuals and communities construct knowledge & how this is critically examined through the following:

- Develop a fascination with the richness of knowledge as a human endeavor, and an understanding of the empowerment that follows from reflecting upon it
- Develop an awareness of how knowledge is constructed, critically examined, evaluated, and renewed, by communities and individuals.
- Encourage an interest in the diversity of ways of thinking and ways of living of individuals and communities, and an awareness of personal and ideological assumptions, including participants' own.

\*Credits will be earned in Origins of Western Philosophy 20 (3 credit) and Philosophies of Man 30 (3credit)

*Prerequisite: Math 9 (recommended 65%) or teacher recommendation.*

This course follows the regular Math 10C curriculum, however, select concepts from the IB curriculum will be used to enrich the course.

**IB Math 20 SL (5 credits)**

*Prerequisite: Math 20-1 GPCHS IB Prep (recommended 65%)*

*This course comprises Math 30-1 and students will take the diploma exam at the end of the course.*

**IB Math 20 SL (10 credits)**

*Prerequisite: Math 10C GPCHS IB Prep (recommended 65%)*

**IB Math 30 SL (5 credits)**

*Prerequisite: IB Math 20 SL or Math 30-1 (recommended 65%)*

Grade 12 year consists of Math 31 (Calculus) with a few extra IB topics. In this year, students are required to complete a Mathematics Internal Assessment. This is a research paper that includes some aspects of Mathematics.

**Science 10 GPCHS IB Prep (5 Credits)**

*Prerequisite: Science 9 (recommended 65% or teacher recommendation)*

The aim of this course is to offer the Science 10 curriculum to a more detailed extent using the Biology HL International Baccalaureate (IB) curriculum and the Chemistry SL International Baccalaureate (IB) curriculum. Students will sit the same exams as the Science 10 course.

**IB Leadership**

*Prerequisite: Grade 11 IB students planning to complete CAS- see IB Coordinator for details*

Students will begin their exploration of Creative Action Service (CAS) component of the IB program The emphasis of the course is leadership, character development and social responsibility in local and global contexts. Students will actively engage in the delivery and scope of this class by leading various in-class and out of class activities, events, and projects. This engagement will empower students to take a leadership role and apply what they have learned through the exploration of leadership. Through this involvement, students will also define their leadership style, including their personal interests, passions, and an understanding of their social responsibilities.

\*Credits will be earned in Leadership 15 (3 credits)

**Math 10C GPCHS IB Prep (5 credits)**

**IB Biology 20 HL/IB Chemistry 20 SL (10 credits)**

*Prerequisite: It is highly recommended that you have a mark of 65% or higher in science 10 GPCHS IB Prep to be successful in Biology 20/Chemistry 20 IB.*

This is a full year course that aims to offer the same curriculum as Biology 20 and Chemistry 20 but to a more detailed extent using the Biology HL International Baccalaureate (IB) curriculum and the Chemistry SL International Baccalaureate (IB) curriculum. Students will take the same exams as the Biology 20 and Chemistry 20 courses. This course will be of benefit to those students who plan to go to university to study science, medicine, or engineering.

**IB Chemistry 30 IB (5 credits)**

*Prerequisite: Chemistry 20 IB*

The aim of Chemistry 30 IB is to offer the same curriculum as Chemistry 30 but to a more detailed extent using the Chemistry SL International Baccalaureate (IB) curriculum. Students will take the same exams as the Chemistry 30 courses, including the Chemistry 30 diploma. This course will be of benefit to those students who plan to go to university to study science, medicine, or engineering.

**Biology 30 HL (5 Credits)**

*Prerequisite: IB Biology 20 HL*

The aim of this course is to offer the same curriculum as Biology 30 but to a more detailed extent using the Biology HL International Baccalaureate (IB) curriculum.

Students will take the same exams as the biology 30 courses, including the Biology 30 diploma. This course will be of benefit to those students who plan to go to university to study science, medicine, or engineering.

**IB Biology 35 (5 Credits)**

*Prerequisite: Biology 30 IB*

The aim of Bio35 is to review all Biology HL International Baccalaureate (IB) curriculum from science 10 through Biology 30 and an optional IB unit to prepare for the IB exams. You will also design, run, and write up an investigation on a topic that you have personal engagement in to submit as an Internal Assessment to IB. This course will be of benefit to those students who plan to go to university to study science, medicine, or engineering.

**IB Spanish Ab Initio**

*Prerequisite: None*

You do not have to take the IB exams to be registered for this course. However, a strong desire to communicate in Spanish is essential for success. Conversational and written communication are the focus of the class, in preparation for the IB assessments. Themes studied are childhood, technology, professions, entertainment, and customs of the Spanish-speaking world. The language is explored through many authentic French sources such a radio, video, film and music.

## Academy Athletics

*Program Fee: \$250/year and is subject to change.*

*Fees will cover the cost of specialist training and transportation to offsite facilities.*

The Academy Athletics Program is designed to meet the needs of athletes looking to develop their physical skills through a variety of sport experiences and an individualized approach to training.

As a foundation to support students' growth and development, Academy Athletics will be guided by Canadian Sport for Life - Long Term Athlete Development Model (LTAD): Students will develop Physical Literacy through building fundamental sport skills and progress to improving sport performance by building physical and mental capabilities.

<b>Learn to Train</b>	Learn overall sport skills and knowledge
<b>Train to Train</b>	Build aerobic base, develop speed and strength, further develop, and consolidate sport-specific skills
<b>Train to Compete</b>	Optimize fitness preparation and sport, individual, and position specific skills as well as performance

### Academy Athletics 10

Athletes will engage in a full year program that focuses on providing a multi-sport model to improve athletic performance, leadership and teamwork while developing a personal training program tailored to the specific needs of the student athlete. Students will receive a minimum of 11 credits of instruction per year which will include Physical Education 10, Calm 20 and Fitness 10.

### Academy Athletics 11 -12

Athletes will engage in a full year program that focuses on developing a personal training program tailored to the specific needs of the student athlete. Students will receive a minimum of 10 credits of instruction per year which will include Physical Education 20 or 30 and Fitness 20 or 30. There will be an opportunity to complete modules related to fitness and sport to earn students 30 level credits.

***Program offerings are dependent on meeting minimum enrollment numbers.***

# The AVID Program

The AVID program gives students the opportunity to take courses currently not offered at GPCHS or provides the flexibility to take courses that don't fit into a student's timetable. Within the program students have the opportunity to take a wide range of core or elective courses online in a teacher supported classroom.

Elective Courses available include:

- Languages: French, German, and Chinese
- Career and Life Management
- Social Sciences
- Aboriginal Studies
- Agriculture
- Career Transitions
- Communications Technology
- Community Care Services
- Computing Science
- Design Studies
- Human and Social Services
- Health Care Services
- Information Processing
- Legal Studies
- Recreation Leadership
- Travel and Tourism

AVID is only available as a supplement to regular in-person programming at Grande Prairie Composite. It is not a full-time online program.

## Grade 10-12 Elective Courses

*(all course fees are subject to change pending School Board Review)*

### Automotive Studies



**\*Please note fees are subject to change**

#### **Junior Automotive (5 credit)**

*Prerequisite: None*

*Course Fee: \$80.00*

In Junior Automotive students will learn the proper names, uses, and care of common automotive tools and fasteners. They will learn how to do basic maintenance on vehicles, such as checking the oil, changing the oil, changing a tire, and overall care of a vehicle. Students will learn how an engine operates, the parts of an engine, and basic repair procedures. Both two stroke and four stroke will be covered. Safety is taught at every level of all CTS (Career and Technology Studies) courses and is the foundation of our programs. Modules to be completed include:

MEC1015: Mechanics Tools & Materials,

MEC1020: Vehicle Service & Care

MEC1040: Engine Fundamentals

MEC1110: Pneumatics & Hydraulics

MEC1150: Ride & Control Systems

*\*the remaining two credits will be offered based on student interest, available materials and class focus.*

#### **Senior Automotive (5 credit)**

*Prerequisite: Junior Automotive*

*Course fee: \$80.00*

This program is designed for the student who has not yet decided on a career path or just wants to learn how to fix their own vehicle. Safety is taught at every level of all CTS (Career and Technology Studies) courses and is the

foundation of our programs. Students may enroll in Senior Automotive multiple times as they work to complete modules such as:

MEC2010: Vehicle Detailing

MEC2020: Vehicle Maintenance

MEC2160: Steering Systems

MEC2150: Suspension Systems

MEC3150: Wheel Alignment

MEC2100: Power Assist Accessories

MEC2110: Braking Systems

MEC2120: Hydraulic Accessories

MEC3100: Safety Systems

MEC3120: Power Assisting

MEC2130: Drive Line

MEC2140: Transmissions/Transaxles

MEC3140: Drive Train Repair

MEC3130: Automatic Transmissions

MEC2050: Alternative Fuel Engines

MEC2040: Fuel & Exhaust Systems

MEC2070: Emission Controls

MEC3010: Buying & Selling Vehicles

MEC3080: Alternative Energy Systems

MEC3090: Computer Systems

MEC1090: Electrical Fundamentals

MEC2060: Ignition Systems

MEC3030: Engine Diagnosis

MEC3040: Engine Tune-Up

MEC3060: Engine Reconditioning – Head

MEC3070: Engine Reconditioning – Block

# Automotive Apprenticeship

## For automotive apprenticeship please select Senior Automotive

This program is designed for students who are planning on going into the automotive trade. The apprenticeship program consists of nineteen courses. The program is delivered over two semesters in two parts. Part A is 12 credits over one semester for two teaching blocks. Part B is seven credits over one semester for one teaching block. When a student completes all nineteen courses with a grade of 70% or higher, and becomes a registered apprentice in the trade, they will be eligible to challenge the First period Automotive Apprenticeship exam. The course fee for the complete program is \$120.00. \$80.00 is for part A and \$40.00 for part B.

Students will learn:

- how to apply the Occupational Health and Safety (OHS) Act, Regulation and Code, as well as the changes from Bill C-45.
- to practice workshop health and safety, communicate and plan for a career.
- learn the proper names, uses, and care of common automotive tools and fasteners.
- learn how to use electronic service information and scan tools in the servicing and repair of vehicles.
- to understand how electricity is created, stored and used to support the requirements of the automobile.
- to service and repair electrical circuits.
- to diagnose service and repair electrical systems and develop an understanding of active and passive restraint systems.
- to service and repair electric assist and hydraulic assist steering systems.
- to service and repair suspension and steering systems. Students will learn how to perform wheel *alignment, repair steering columns, and service air bags.*
- to develop the knowledge, skills, and attitudes necessary to service and maintain vehicle wheel hubs, tires and drive shafts.

During Practicum A and B Students, on the work site, continue to develop and refine those competencies developed in related Career and Technology Studies (CTS) occupational areas, previous practicums and other experiences. This practicum course may be delivered on- or off-campus. Instruction must be delivered by a qualified teacher. Students on the work site continue to develop and refine those competencies developed in

related Career and Technology Studies (CTS) occupational areas, previous practicums and other experiences. This practicum course may be delivered on- or off-campus. Instruction must be delivered by a qualified teacher.

### **Automotive Apprenticeship A (12 credits)**

*Prerequisite: Junior Automotive*

*Course Fee: \$80*

ASA3900: Apprenticeship Safety

ASA3400: Basic Tools & Materials

ASA3402: Vehicle Service Information

ASA3405: Electrical Principles

ASA3410: Electrical Circuits

ASA3412: Electrical Service

ASA3420: Steering Systems

ASA3425: Suspension Systems

ASA3430: Alignment Procedures

ASA3450: Wheels & Drive Lines

ASA3455: ASA Practicum A

ASA3460: ASA Practicum B

### **Automotive Apprenticeship B (7 credits)**

*Prerequisite: Automotive Apprenticeship A*

*Course Fee: \$40*

ASA3435: Brake Fundamentals

ASA3440: Disc & Drum Brakes

ASA3445: Brake System Repairs

ASA3465: ASA practicum C

ASA3470: ASA practicum D

ASA3452: Maintenance & Trailers

ASA3415: Frames & Undercarriage



# Business Education

## **Business 10-20-30** (5 credit)

*Prerequisite: None*

*\*Students will complete Business 10 and 20 throughout the semester*

### **Business 10**

Students will identify, compare, and assess a variety of venture opportunities and ideas. They will also learn the elements of the venture planning process and compare various sources of financing and choose the method that is best for financing a venture. They will complete a minimum of 3 ENT (Enterprise and Innovation) modules:

ENT1010: Challenge & Opportunity

ENT1020: Elements of a Venture Plan

ENT2020: Financing Ventures

### **Business 20**

Students will enhance the knowledge and skills acquired in Business 10 through a variety of ENT and MAM (Management and Marketing) modules. There will be some opportunity to pursue specific interests. Students will complete a minimum of 3 modules. Potential

modules include: ENT2010: Analyzing Ventures

ENT2030: Marketing the Venture MAM1010: Marketing

& Management ENT3010: Managing the Venture

MAM1040: E-Commerce 1

### **Business 30** (5 credits)

*Prerequisite: Business 20*

Students taking Business 30 will further enhance their understanding and skill introduced in Business 20.

Students will deepen their experience with regards to Business, Management, Marketing and Finance.

### **Law 20** (5 credits)

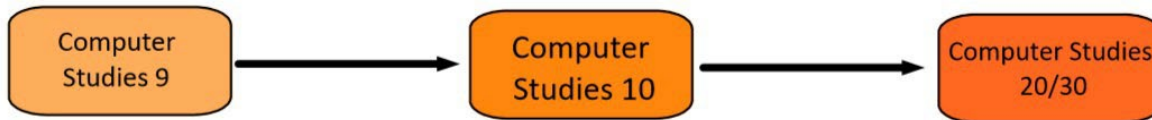
Law 20 is intended to be an introductory look at a wide range of law topics including contracts, wills and testaments, renting property, consumer law, criminal law, torts, marriage and divorce law, family law, and labor law. With the study of law being a vast area of topics, students will spend an appropriate amount of time to grasp important concepts in each area allowing them to study the many different concepts.

### **Law 30** (5 credits)

*No prerequisite required- open to any grade 10-12 students*

Law 30 is an extensive study in five areas of law including Criminal, Torts, Consumer and Property, Business, and Controversial Law Topics. Students will be given an opportunity to learn about each area of law through real case studies with a focus on Canadian Law as well as looking at an international point of view when applicable. Each student will be able to apply their learning in the different areas of law in their own day-to-day life situations as they arise.

# Computer Studies



## **Computer Studies 10 (5 credit)**

*Prerequisite: none*

Course fee: \$50

Students enrolled in Computer Studies 10 will complete one module in each of the following areas. As second module in each area is available for enhanced learning when the 5 required modules are complete.

1. Computer Science
2. 3D printing
3. Robotics Electronics
4. Database SQL
5. Networking

## **Computer Studies 20 (5 credits each)**

*Prerequisite: Computer Studies 10*

Course Fee: \$50

Students enrolled in Computer Studies 20 will choose their desired pathway from the following four strands:

1. Computer Science
2. Information Processing
3. Robotics
4. Networking

## **Computer Studies 30 (5 credits each)**

*Prerequisite: Computer Studies 20*

Course fee: \$50

Students enrolled in Computer Studies 30 will choose their desired pathway from the following four strands:

1. Computer Science
2. Information Processing (Microsoft)
3. Front-End Web Development
4. Networking

# Construction

## Junior Construction (5 credit)

*Prerequisite: None*

*Course Fee: \$60*

This Course may be offered as both a quarter course (3 credit), or a full semester course (5 credit). In this class you will be learning about the tools and the materials of the carpentry trade. You will learn how to safely operate a variety of shop tools to make some handy little projects, from a stool, to a folding chair or bench. This course does require working with power tools as well as hand tools and will require your full attention and effort. This is the introductory level Construction courses. The Courses that will be covered in this class are listed below.

CON1010: Construction Tools & Materials

CON1130: Solid Stock Construction

CON1120: Product Management

CON1160: Manufactured Materials

CON1910: Con Project

## Senior Building Construction (5 credit)

*Prerequisite: Construction 10*

*Course Fee: \$60(5 credit)*

This intermediate level course has the potential to head into two very different aspects of the Carpentry trade, either Building Construction or Furniture Construction. Students will have the opportunity to work in both aspects or can choose to focus on one or the other. The Building Construction students will work on actual full-sized buildings, e.g. Storage Sheds, etc. The Furniture Construction Students will work on a small nightstand drawer, and or have the chance to design a small cabinet or piece of furniture of their own. This class is offered in both 5 and 10 credit options, the exact setup and delivery of these courses may vary, slightly from the list below based on student inquiry and skill set.

Senior Building Construction 20	Senior Furniture Construction 20
<b>5 and 10 credit</b>  CON1070: Building Construction CON2035: Framing Systems- Floor CON2045: Framing Systems- Wall CON2050: Roof Structures 1 CON2910: Con Project B <b>10 credit</b> CON2010: Site Preparation CON2020: Concrete Forming CON2030: Alternative Foundations CON2060: Doors, Windows, and Siding CON2920: Con Project C	<b>5 and 10 credit</b>  CON2130: Furniture- Box Construction CON2140: Furniture- Frame and Panel CON2160: Cabinetmaking – Web & Frame Face CON2170: Cabinetmaking – Door and Drawer CON2910: Con Project B <b>10 credit</b> CON2120: Multiple Materials CON2150: Finishing and Refinishing CON2180: Wood Forming CON2200: Product Development CON2920: Con Project C

**Senior Building Construction (5 credit)**

*Prerequisite: Construction 10*

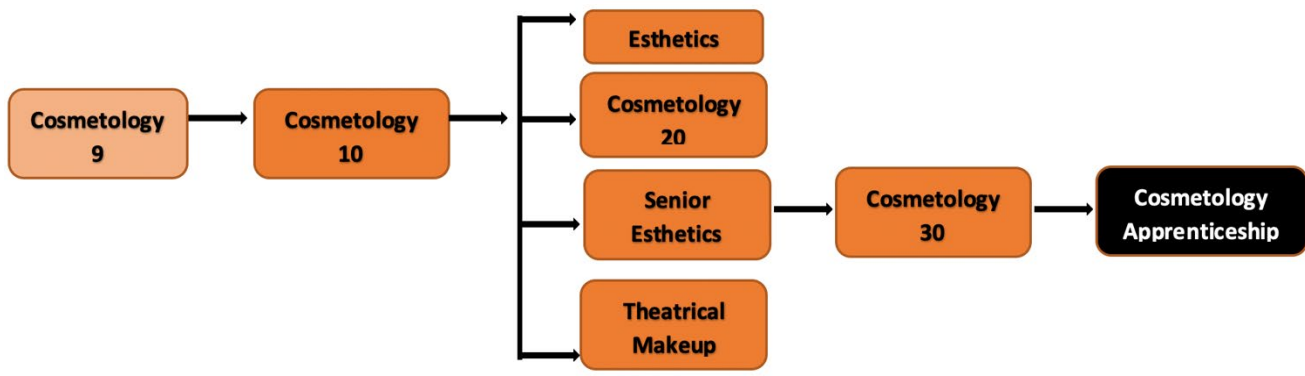
*Course Fee: \$60 (5 credit)*

This is the final stage of high school Construction. Here you will have the opportunity to work on the playhouses for the Pregnant and Parenting Teens Raffle, as well as the opportunity to further investigate the carpentry trade. This course does require working with power tools and hand tools and will require your full attention and effort. The Courses that will be covered in this class will require you to draw on your experiences from your past shop classes to create bigger and better things. There is always the possibility that the courses that are covered in class may vary slightly from the list below based on student inquiry and skill set.

Senior Building Construction 30	Senior Furniture Construction 30
<b>5 &amp; 10 credit</b> CON3120: Tool Maintenance CON3010: Concrete – Structure & Finishes CON3050: Roof Structures 2 CON3910: Con Project D CON3920: Con Project E <b>10 credit</b> CON3040: Stair Construction CON3060: Doors and Trim CON3160: Cabinetmaking – Cabinet &Countertops CON3090: Renovations/Restorations CON3030: Wall and Ceiling Finishing	<b>5 and 10 credit</b> CON3120: Tool Maintenance CON3130: Furniture – Leg & Rail CON3140: Furniture – Surface Enhancement CON3910: Con Project D CON3920: Con Project E <b>10 Credit</b> CON3040: Stair & Construction CON3060: Doors & Trim CON3160: Cabinetmaking – Cabinet &Countertops CON3090: Renovations/Restorations CON3150: Furniture Repair

# Cosmetology

The CTS Cosmetology Strand is accredited by the Alberta Apprenticeship and Trade Certification program. The strand offers full technical training in the Barbering and Hairstyling Trade upon the completion of designated credits. This means, after completing the program in High School, students can directly enter the work force as an apprentice in a salon. Additional information for the cosmetology program is available from our Cosmetology staff. Some students may require extra time to complete the full program. In courses in high demand, preference will be given to students that are taking the Apprenticeship Program and students that have a good standing in the program.



## **Cosmetology 10** (5 credit)

*Prerequisite: None*

*Course Fee: \$60*

Cosmetology 10 is designed as a general interest course but is the introduction to the apprenticeship program. It contains courses that cover basic knowledge for infection control, consultation and draping, hair shampooing and styling and long hair design. Students can earn up to 8 credits during this timeframe.

## **Theatrical Makeup** (5 credit)

*Recommended Prerequisite: Cosmetology 10*

*Course Fee: \$60*

In Theatrical Makeup students will have the opportunity to learn about safety and sanitation in the theatrical makeup industry. As a prerequisite, students will learn foundational skin care and makeup skills. Some of the skills students will learn include creating bruises, cuts, bullet wounds, broken bones, face painting, and the attachments of prosthesis. Students will be expected to work in individual and group environments.

## **Esthetics** (5 credit)

*Recommended Prerequisite: Cosmetology 10 Course*

*Fee: \$60*

This aesthetics course is designed to train students in a variety of spa services within the industry. Students will choose from a variety of 5 credits, focusing on nails, skincare, makeup, and spa awareness. Daily attendance is required to meet course requirements. Students must give and receive all services as they partner in class, work on clientele from the public and begin to build their own clientele. This course is recommended, in addition to the apprenticeship program.

## **Senior Esthetics** (5 credit)

*Prerequisite: Esthetics*

*Course Fee: \$60*

Senior Aesthetics is designed to extend student knowledge, train students in a variety of spa services within the aesthetics industry and prepare students for working in a spa. Students will choose from a variety of 5 advanced credits, focusing on nails, skincare, makeup, waxing, body adornment and spa awareness. Daily attendance is required to meet course requirements. Students must give and receive all services, work on clientele from the public and actively build their own clientele. This course is recommended, in addition to the apprenticeship program.

**Cosmetology 20** (10 credit)

*Prerequisite: Cosmetology 10*

*Course Fees: \$80*

Students learn the basics in hair cutting, styling, braiding, hair and scalp treatments, hair coloring, and permanent waving. There is a strong theory component and lots of guided practical which is done on mannequins, classmates, and clients. Daily attendance is mandatory to obtain all the benefits of demonstrations and guided practice. 70 percent is recommended in all courses to move on in the program. Students can earn up to 14 credits when taken during this timeframe.

**Cosmetology 30** (10 credit)

*Prerequisite: Cosmetology 20 (Recommended 70% in each module)*

*Course Fee: \$80*

This course deals with expanding the knowledge and skills learned in the previous courses and prepares students for client work as they work on skill level building to industry standards of client services. Added areas of study include hair lightening, long hair styling, advanced hair cutting, chemical relaxing and straightening. It is important that students have a professional attitude in this senior level course as they will be booked with clients from the school and community.

# Cosmetology Apprenticeship

## **Cosmetology Apprenticeship** (10 credit)

*Prerequisite: Cosmetology 20 (Recommended 70% in each module)*

*Course Fee: \$100*

At this level students have likely decided to pursue Cosmetology as a career. To help students to prepare for the work environment, a strong client service component is included where students are required to build their own clientele as well as perform services on members of the community. A professional attitude and daily attendance are required. For students wanting to complete the Barbering or Hairdressing Apprenticeship, more time may be required than this timeframe.

# Culinary Arts

## **Foods 10** (5 credits)

*Prerequisite: None*

*Course Fee: \$70*

## **Foods 20** (5 credits)

*Prerequisite: Foods 10*

*Course Fee: \$70*

## **Foods 30** (5 credits)

*Prerequisite: Foods 20*

*Course Fee: \$70*

Foods 10	Foods 20	Foods 30
Possible Modules included in this course: FOD1010 Food Basics FOD1020 Contemporary Baking FOD1030 Snacks & Appetizers FOD1040 Meal Planning FOD2040 Cake & Pastry FOD2070 Soups & Sauces FOD2090 Creative Cold Foods Enrichment: FOD1070 Farm to Table Enrichment: FOD1910 Project A	Possible Modules included in this course: FOD2030 Food Decisions & Health FOD2050 Bread Products FOD2060 Milk Products & Eggs FOD2110 Fish & Poultry FOD2130 Vegetarian Cuisine FOD2150 Safe Food Handling FOD3060 Food Presentation Enrichment: FOD2910 Project B	Possible Modules included in this course: FOD3030 Creative Baking FOD3040 Yeast Products FOD2050 Advanced Soups & Sauces FOD3080 Advanced Meat Cookery FOD3100 Entertaining with Food FOD3120 Food Evolution/Innovation FOD3160 Regional Cuisine Enrichment: FOD3920 Project E

*\*Students enrolled in Foods 10, 20 or 30 will earn a minimum of 5 credits*

The Foods program is designed to meet the culinary learning needs of all students by advancing their food prep, culinary, and baking skills. Through partnership and small group activities, students will explore a wide range of cooking theory and techniques. Topics covered include, but are not limited to: food safety, nutrition, classic sauce preparation, meal planning, food photography, menu costing, molecular gastronomy, budget cooking, meat cutting, basic through advanced cake decorating, basic and advanced yeast breads, international cuisine, and cooking for an audience. The grading balance of each course (module) typically consists of 65% hands-on work with 35% covered by theory, the course exam and reflective exercises.

Students produce food that is tasted and assessed by the teacher, their classmates, other classes and teachers throughout the school, as well as the public during events like the Spring Arts Gala.

Any Foods students with a special interest in cooking who wish to take their baking or culinary fortitude to a more refined level have the opportunity to train for the Skills Alberta competitions which happen in April and May or participate in an apprenticeship with the Head Chef in the cafeteria.



# Fabrication Studies (Welding)

## Junior Welding (5 credit)

*Prerequisite: None*

*Course Fee: \$150*

The first module is devoted to workplace safety and the hazards and protective gear necessary in the field of welding. Welding process basics will be introduced and exemplified. The second module will introduce the art of Oxyacetylene welding process and techniques. Students will learn proper operations of startup and shutdown procedures before venturing towards producing quality puddles, beads, corners and lap welds. The third module will introduce the art of Arc welding process and techniques. Students will learn and practice basic types of welds using various electrodes on differing metal thicknesses. A final practical exam will be set for both Oxy Acetylene and Arc welding modules set by the instructor. *Students should be aware that welding may aggravate conditions like asthma.*

Modules included in this course at this level:

FAB1010: Fabrication Tools & Materials  
FAB1048: Semi-Automated/Automated Welding  
FAB1050: Basic Electric Welding  
FAB1090: SHEET Fabrication 1  
FAB1100: Fabrication Principles  
FAB1110: Bar & Tubular Fabrication  
FAB1910: Fab Project A

## Senior Welding (5 credit)

*Prerequisite: Introductory Welding 10*

*Course Fee: \$150*

Students wishing to further their skills in welding will complete the following modules:

FAB2020: Print Reading and/or  
FAB 3020: Metallurgy  
FAB 2050: (Arc flat position)  
FAB 2060 (Arc horizontal position)  
FAB 2030 (Oxy/Acet)

Once students have completed the above senior modules they may move on and register for other advanced FAB modules. Prerequisites are in place for each module as the student moves forward. There will be room for those wishing to work on fabrication projects to be discussed and planned with the instructor.

Many modules are included for selection such as:

FAB2030: Oxyfuel Welding  
FAB2040: Thermal Cutting  
FAB2048: Flux Cored Arc Welding 1  
FAB2050: Arc Welding 1  
FAB2060: Arc Welding 2  
FAB2070: Gas Metal Arc Welding 1  
FAB2090: Sheet Fabrication 2  
FAB2100: Sheet Fabrication 3  
FAB2160: Custom Fabrication  
FAB2170: Pipe Fitting  
FAB2910: Fab Project B  
FAB2920: Fab Project C  
FAB2950: Fab Intermediate Practicum  
FAB3020: Metallurgy Fundamentals  
FAB3030: Gas Tungsten Arc Welding  
FAB3040: Specialized Welding  
FAB3048: Flux Cored Arc Welding 2  
FAB3050: Arc Welding 3  
FAB3060: Arc Welding 4  
FAB3070: Pipe & Tubular Welding  
FAB3080: Automated Welding  
FAB3090: Sheet Fabrication 4  
FAB3110: Sheet Fabrication 5  
FAB3160: Prefabrication Principles  
FAB3170: Gas Metal Arc Welding 2  
FAB3910: Fab Project D  
FAB3920: Fab Project E  
FAB3950: Fab Advanced Practicum

## Art

All Art students are expected to think and behave as artists. Students must be open minded and dedicated. They should possess a spirit of creativity. Lessons and projects will derive inspiration from International, Canadian/FNMI historical and current artists and art movements. Tours of the Art Gallery of Grande Prairie Gallery will be organized throughout the term when appropriate and relevant.

### **Art 10** (5 credits)

*Prerequisite: NONE*

*Course Fee: \$45*

Art 10 focuses primarily on skill development and the understanding of The Elements of Art; *line, shape, color, value, form, texture and space*. Students will develop technical skills within the various disciplines of drawing, painting, printmaking, and sculpture. Students will learn to draw basic shapes and use value to enhance their drawings. Students will demonstrate, through painting projects, an understanding of basic color theory. Students will learn basic linoleum printing techniques, as well as how to register prints and safe use of the printing press. Students will learn basic sculpting methods such as coil making, etching into clay, as well as additive and subtractive techniques.

### **Art 20** (5 credits)

*Prerequisite: Art 10*

*Course Fee: \$45*

Students in Art 20 will build on the learning and skills obtained in Art 10 with a greater emphasis placed on media exploration. Students will continue to complete projects in drawing, painting, sculpture, and printmaking. Students will explore a variety of drawing projects, as well as collagraph printmaking, three dimensional sculptures derived from nature, acrylic painting using additives and much more.

### **Art 30** (5 credits)

*Prerequisite: Art 20*

*Course Fee: \$45*

Students will continue developing their skills and creativity, within drawing, painting, printmaking, and sculpture, with a greater emphasis on Independent Study and development of their own personal style. Students will explore various drawing projects, as well as dry point etching, clay plug sculpting, encaustic and painting on silk.

## Drama

### **Drama 10** (5 credits)

*Prerequisite:*

*Course Fee: \$40*

Do you like getting to know new people? Do you enjoy working in groups to create ideas? Drama 10 may be the course for you. Drama has two main goals. The first is to help students develop self-confidence and improve self-esteem. This is accomplished by giving students opportunities to perform, mainly for classmates, and occasionally for outside audiences. The second goal is to teach basic drama skills and to assist students in developing those skills as a performer, technician, historian, and critic. Drama 10 is designed to give students a general introduction to a number of different theatre forms, allowing students to gauge their interest in drama as a hobby or as a potential career.

### **Drama 20** (5 Credits)

*Prerequisite: Drama 10*

*Course Fee: \$40*

Drama 20 builds upon the foundation established in Drama 10 by allowing the student an opportunity to expand her drama experience through production and performance. Drama 20 is designed to give students an in-depth study of a number of different theatre forms, and allowing them to gauge their interest in drama as a hobby or as a potential career. Application of terminology and technique is emphasized. At least one event will be produced for an audience. Past productions have included dramas, comedies, Shakespeare, and musicals. Opportunities will be provided for guest speakers and field trips to areas of interest. A majority of the work is group oriented.

### **Drama 30** (5 Credits)

*Prerequisite: Drama 20*

*Course Fee: \$40*

Drama 30 builds upon the foundation established in Drama 10 and 20 by allowing the student an opportunity to expand his drama experience through writing, directing, production and performance. Drama 30 is designed to give students an in-depth study of a number of different theatre forms, allowing students to gauge their interest in drama as a hobby or as a potential career. Application of terminology and technique is emphasized. At least one event will be produced for an audience. Past productions have included dramas, comedies, Shakespeare, and musicals. Opportunities will be provided for guest speakers and field trips to areas of interest. A majority of the work is group oriented. Drama 30 students will be expected to take a leadership role in events produced by the class

# Film and Media Art

## Film and Media Art 15 (5 Credits)

*Prerequisite: NONE*

*Course Fee: \$ 20*

Do you like to watch and talk about movies and other popular media? Film and Media Art 15 is open to students who are interested in cinema and film language. It involves actively viewing and discussing visual communication that has literary merit. Media will be studied and meaning explored in a variety of contexts including short subjects, cartoons, television, documentaries and feature film. Thinking in terms of “film language” will be emphasized in discussion and in a variety of assignments. Guest speakers from the local film community and from around the world will be invited to share their passion with Film and Media Art students.

## Film and Media Art 25 (5 Credits)

*Prerequisite: Film and Media Art 15*

*Course Fee: \$20*

Film and Media Art 25 builds upon the foundation of knowledge and concepts studied and applied in Film 15. Film 25 continues the journey of examining films and their meaning, often focusing on a series of works by one director. At least two major projects will be required in addition to regular classroom activities and assignments. Students may have the opportunity to attend and even host film festivals and filmmakers will be invited to share their experiences.

## Film and Media Art 35 (5 Credits)

*Prerequisite: Film and Media Art 25*

*Course Fee: \$20*

Film and Media Art 35 builds upon the foundation of knowledge and concepts studied and applied in Film 15 and Film 25. Film 35 continues the study of films and their meaning, with a focus on auteurs and their classic work from around the world. At least two major projects will be required in addition to regular classroom activities and assignments. Students may have the opportunity to attend film festivals and filmmakers will be invited to share their experiences.

## \*New Improvisational Theatre 15 “Say Yes to Spontaneity!” (5 credits)

Are you ready to think on your feet, embrace the unexpected, and laugh with your classmates?

**Improvisational Theatre 15** sets the stage for exploring your creativity in real time. In this high-energy course, you’ll learn how to create characters, build scenes, and collaborate with an ensemble—**without a script!**

# Fashion

## Fashion 10 (5 credits)

*Prerequisite: None*

*Course Fee: \$80*

In Fashion 10, students focus on how to safely use and care for sewing and pressing equipment and apply these skills during project assembly. Students learn how to determine pattern size, choose a suitable pattern for woven and knit fabric, make pattern alterations, and prepare the fabric and pattern for layout. Students will apply these skills during the assembly of a simple garment (pajama pants). Students will also experiment with creative ways to redesign, recycle, or restore a project by repairing, customizing or embellishing, and use basic sewing skills and techniques to construct a home or personal accessory. Students are responsible for purchasing all fabrics, patterns, thread, and notions required for their chosen project.

## Fashion 20 (5 credits)

*Prerequisite: Fashion 10*

*Course Fee: \$80*

Students will continue to develop their sewing skills while learning new skills like pattern manipulation and embellishment. Students research, experiment with and produce a project, using a specialty fabric, and/or learn about activewear fabrics and how to make a unique, attractive, and wearable activewear garment. Students are responsible for purchasing all fabrics, patterns, thread, and notions required for their chosen project

## \*New Fashion 30 (5 credits)

*Prerequisite: Fashion 20*

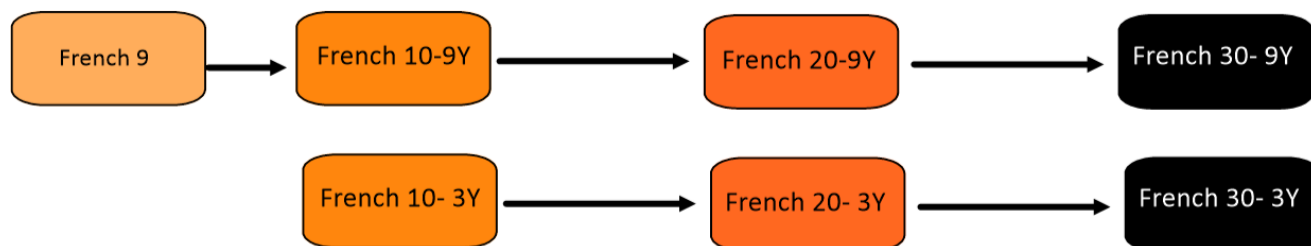
*Course Fee: \$80*

In Fashion 30, students elevate their garment construction skills and creative design approaches. Building on the fundamental sewing, pattern manipulation, and embellishment techniques from Fashion 20, students explore more sophisticated methods of pattern drafting, tailoring, and finishing. They will experiment with advanced textiles and refine their ability to alter patterns for unique fabric behaviors and garment silhouettes.

Emphasis is placed on producing high-quality, wearable projects that incorporate professional-level detailing, such as advanced closures, specialty trims, and couture-inspired handwork. and notions for their chosen projects.

# French

\*\*At the 10, 20 and 30 levels, students will have the opportunity to complete the DELF A1 and A2 level exam. This European based French proficiency test will evaluate the student's oral and written comprehension and production. Upon successful completion of the exam, students will receive an official certificate from France that is a great addition to their resume.



## **French 10 9Y** (5 credits)

*Prerequisite: French 9 9Y*

At the high school level, students enrolled in the French as a second language program will begin to learn new language concepts such as past tenses and simple future tenses as well as new theme-specific vocabulary to enrich the quality of their oral and written communication.

## **French 20 9Y** (5 credits)

*Prerequisite: French 10 9Y*

This course aims to further develop the student's language acquisition through authentic and engaging learning activities. Students will add more sophisticated vocabulary to their repertoire as well as new verb tenses.

## **French 30 9Y** (5 credits)

*Prerequisite: French 20 9Y*

Students will be introduced to new grammatical concepts that will help prepare them for university level French courses. Students will also find themselves participating in more group-based learning activities that will help improve and fine tune their oral communication. They will also have the opportunity to work with grade 2 immersion students at the end of the term.

## **French 10 3Y** (5 credits)

*Prerequisite: NONE*

You haven't studied French before? Don't fret! As long as you have the passion and willingness to learn, this class is for you. Through fun and creative activities, we will introduce you to basic grammar concepts and provide you with the tools to communicate in French at a beginner level.

## **French 20 3Y** (5 credits)

*Prerequisite: French 10 3Y*

In this course we will continue to explore the French language, learn new vocabulary and verb tenses to vary the ways they express themselves. In basic situations, will find themselves more comfortable communicating in French.

## **French 30 3Y** (5 credits)

*Prerequisite: French 20 3Y*

Students will be introduced to new and exciting grammar concepts that will help to enrich the quality of their oral and written communication. At the end of the semester, students will have the opportunity to work with younger French language learners and have them participate in activities they create themselves.

# Spanish

## **Spanish 10-3Y**

*Prerequisite: None*

This introductory course aims to provide the basics of the language through the teaching of vocabulary and basic grammatical structures. Students will be introduced to everyday Spanish with relatively simple expressions and oral exercises as well as short presentations regarding culture and civilization.

## **Spanish 20—3Y**

*Prerequisite: Spanish 10 3Y*

This course is designed to provide students coming from Spanish 10 or with a strong Spanish background with the opportunity to continue and improve oral proficiency and writing skills. Emphasis is placed on areas, which cause difficulties for Anglophone students, as well as an appreciation of Spanish culture worldwide. This course is also intended to help students who are already proficient in oral Spanish to improve their basic writing skills, especially for native or semi-native speakers with no formal instruction in Spanish grammar.

## **Spanish 30-3Y**

*Prerequisite: Spanish 20 3Y*

This course is intended as a continuation of Spanish 20. This course is designed to increase and consolidate vocabulary, oral proficiency and to develop skills for writing in Spanish. Aspects of Spanish and Latin American culture and civilization will be examined.

# \*New Punjabi Language and Culture 10

## **Punjabi Language and Culture 10 (5 credit)**

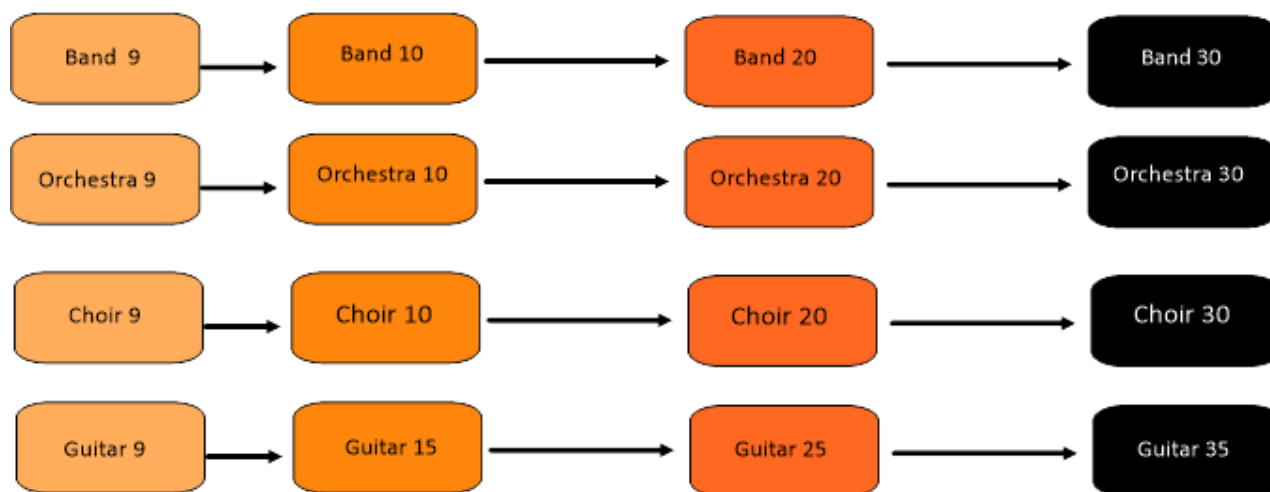
### **Course Overview**

Punjabi Language and Culture 10-3Y is an engaging and interactive introduction to one of the world's most widely spoken languages. This course is designed for students who are new to Punjabi and want to develop foundational skills in speaking, reading, writing, and understanding the language. Beyond language acquisition, students will explore the rich cultural traditions, history, and global influence of Punjabi-speaking communities.

### **What You Will Learn**

- Develop Communication Skills – Learn how to introduce yourself, engage in basic conversations, and express ideas in Punjabi.
- Read & Write in Gurmukhi – Gain proficiency in the Punjabi script and build literacy skills through engaging activities.
- Explore Punjabi Culture – Discover the significance of Punjabi festivals, traditions, music, and dance, including Bhangra and Bollywood influences.
- Culinary Traditions – Learn about traditional Punjabi cuisine and its cultural importance.
- Global Connections – Understand Punjabi's role in Canada and around the world, fostering intercultural awareness and global citizenship.

# Music



We believe in a music program that

- Allows learners to reach their full potential as music performers and appreciators.
- Creates a community where all students feel included and valued.
- Promotes critical thinking and problem-solving skills, both individually and collectively
- Helps students develop the tools and skills for personal improvement and growth in all areas of their lives.

Students will have the opportunity to participate in a variety of performances throughout the school year, such as seasonal concerts and regional music festivals. In the past, music students in band, choir, and orchestra have had the opportunity to travel provincially, nationally, and internationally. Previous destinations include: New Orleans, Cuba, Austria, Slovenia, Croatia, Italy, Vancouver, Quebec City, Montreal, England, and Scotland.

Music students, and their parents, are encouraged to participate in our advocacy and fundraising organization, *The Grande Prairie Music Parents' Association*.

**Band 10, 20, 30** (5 Credits each)

**Prerequisite: None**

Students in band will meet the goals of the music program through the study and performance of a wind or percussion instrument. Although experience on one of these instruments is encouraged, beginners are welcome to join the program.

\*Students receive credit in Instrumental Music and/or General Music 10, 20, or 30

**Choir 10, 20, 30** (5 Credits each)

**Prerequisite: None**

Students in choir will meet the goals of the music program through the study and performance of the voice as an instrument. Previous vocal experience is not required, and all ability and skill levels are welcome.

\*Students receive credit in Instrumental Music and/or General Music 10, 20, or 30

**Guitar 15, 25, 35** (5 credits each)

**Prerequisite: None**

Students in guitar will meet the goals of the music program through the study and performance of guitar. Previous experience with guitar is not required, and all abilities and skill levels are welcome.

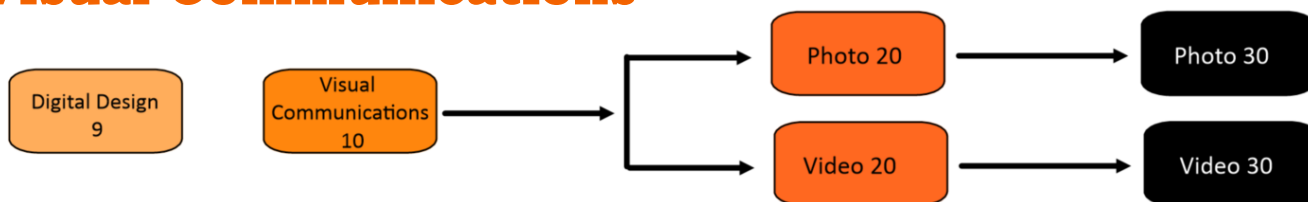
**Orchestra 10, 20, 30** (5 credits each)

**Prerequisite: None**

Students in orchestra will meet the goals of the music program through the study and performance of a string instrument. Although experience on a string instrument is encouraged, beginners are welcome to join the program.

\*Students receive credit in Instrumental Music and/or General Music 10, 20, or 30

# Visual Communications



We have state of the art design labs, compiled of Alienware PC computers, Canon, and Nikon DSLRs, GoPros and DJI Ronin Gimbals, a massive green screen, laser CNC cutter/ printer, full recording studio and best of all, FUN and CREATIVITY!!

## Visual Communications 10 (5 credit)

*Course Fee: \$25*

This first course of Visual Communications CTS is a gateway to all courses in Visual Communications. This class is the prerequisite course for photography, videography, graphic art, and any other class hybrid possible at any grade level. You will be creating commercials, taking studio photographs, generating Photoshop artwork and recording your very own music. The sequence of the class is as follows:

Visual Composition COM1005

Graphics Tools COM1035

Students select a focus for the other three Modules:

### Animation

Animation 1 COM1145

Animation 2 COM2145

Animation 3 COM3145

### Photography

Photo Introduction COM1205

Digital Processing 1 COM1275

Exposure COM1215

### Videography

Media COM1015

Audio/Video COM1105

Av Preproduction1

## Visual Communications 20 (5 credits)

**Prerequisite:** Visual Communications 10

*Course Fee: \$25*

In this course students will build on the skills and knowledge acquired in visual communication 10. Students will become more skilled at photo and video techniques

## Visual Communications 30 (5 credits)

**Prerequisite:** Visual Communications 20 (previously Photo 20 Video 20)

*Course Fee: \$25*

Visual communication 30 will allow students to develop and master advanced skills in photography and video.

## Broadcast Video 15(5 credits)

Students will learn about the economic practices and ethical considerations within the industry, as well as the relationship between broadcast production and various techniques. This will include hands on experience producing videos for school news, sports, and other school event.

## Game Design and Development 15 (5 credits)

Students will solve problems and create content, building the design and technical skills necessary to develop their own video games. Students will build skills in communication, project management and creative problem solving while focusing on different aspect of asset creation, design, and coding.



# Fitness

<b>Fitness 10</b> <ul style="list-style-type: none"> <li>➤ REC 1040 Foundations for Training I</li> <li>➤ REC 1045 Group Exercise Trends</li> <li>➤ HSS 1020 Nutrition and Wellness</li> </ul>	<b>FITNESS 20</b> <ul style="list-style-type: none"> <li>➤ REC 2040 Foundations for Training II</li> <li>➤ REC 2010 Nutrition for Recreational Activities and Sport</li> <li>➤ REC 2045 Core Muscles</li> <li>➤ REC 1050 Sport Psychology I</li> <li>➤ REC 2050 Sport Psychology II</li> </ul> <b>POWERLIFTING 20</b>	<b>FITNESS 30</b> <ul style="list-style-type: none"> <li>➤ REC 3015 Flexibility Training</li> <li>➤ REC 3025 Cardiovascular Training</li> <li>➤ REC 3030 Speed and Agility</li> <li>➤ REC 3045 Periodization</li> <li>➤ REC 3050 Sport Psychology III</li> </ul> <b>POWERLIFTING 30</b>
--	---	---

**Fitness 10 (3 credits paired with CALM), 20, 30 (5 credits each)**

*Course Fee: \$20*

Fitness provides students with opportunities to further develop their physical fitness and provides an advantage to those who want to participate in competitive sports. Course work includes cardiovascular, muscle fitness, flexibility training, fitness testing and fitness theory and nutrition. This is an activity-based course and requires daily participation and proper active wear in order to be successful.

**Powerlifting 20(5 credits)**

**Prerequisites Fitness 10**

*Course Fee: \$20*

If you are an athlete with the desire to bring your game to the next level, or a person that just wants to be more athletic, then Power Lifting is the course for you. With power development comes speed and with speed one can outplay one's opponents. Learn what the true sport of power actually is and how to train to perform at your best. This is an activity-based course and requires daily participation and proper active wear in order to be successful.

- HCS 1080 Cardiovascular System
- HSS 1010 Health Services
- HCS 1050 Musculoskeletal System
- REC 1020 Injury Management
- REC 2030 Anatomy of Joints

**Powerlifting 30(5 credits)**

**Prerequisites Powerlifting 20**

*Course Fee: \$20*

If you are an athlete or student looking to further your knowledge of the fitness industry this course is geared towards you. Course work includes:

- REC 3010 Human Movement
- REC 3040 Training and Conditioning
- REC 3140 Sport & Society
- REC 3070 Fitness Instruction Leadership
- REC 3085 Olympic Weightlifting

This is an activity- based course and requires daily participation and proper active wear in order to be successful.

**Yoga 15-25-35 (5 credit)**

This course offers the students the opportunity to study yoga in a focused setting. It introduces safe basic postures, breathing techniques and relaxation methods of yoga. It also introduces the historical roots of yoga and provides an understanding of anatomy and physiology as it applies to the discipline.



# Astronomy

## **Astronomy 15-25 (6 credits)**

While inundated with space and astronomy in modern media, many students remain unaware that the sky is constantly changing above them. Using a variety of astronomical tools; telescopes, binoculars, lenses, students in the Astronomy sequence will experience first-hand observations that foster foundational understandings.

# Forensic Studies

## **Forensic Studies 25-35 (6 credits)**

### **Prerequisites Science 10 or Science 14**

In this course we will connect scientific concepts and technologies related to solving crime and learn about topics like crime scene investigation, forensics, toxicology and ballistics, police protective equipment, criminal profiling, arson and police service canines.

# Leadership

## **Leadership 10, 20, 30 (5 credits each)**

Leadership is a course designed for students to give back to their school and community. Students are encouraged to enroll in this course if they desire to work with likeminded individuals, to step outside their comfort zone and engage in acts of service both in and outside the classroom setting. Student leaders will work together to improve their interpersonal and management skills, conflict resolution, public speaking, and peer mentorship. Students will also be required to complete 15 hours of community volunteerism not associated with in-class activities.

# Fantasy and Science Fiction Appreciation

## **Fantasy and Science Fiction Appreciation 15 (5 credits)**

Provides opportunities for students to experience a wide range of fantasy and science fiction works from around the world and from different time periods. Students will learn about unique and fantastic worlds that could potentially include Middle Earth, Earthsea, Camelot, the Star Wars Galaxy, Narnia, Star Trek, Babylon 5, and/or the Hunger Games. To gain an appreciation for the various subgenres of fantasy and science fiction, students will be exposed to variety of fantasy and science fiction texts such as films, television programs, screenplays, short stories, novellas, novels, graphic novels, poetry, or even interactive fantasy role-playing games

## **\*NEW Fantasy and Science Fiction Appreciation 25 (5 credits)**

Love epic adventures, out-of-this-world stories, and exploring new worlds? *Fantasy and Science Fiction Appreciation 25* is your ticket to dive deeper into the coolest realms of imagination! Get ready to explore legendary places like Middle Earth, Earthsea, Camelot, the Star Wars Galaxy, Narnia, Star Trek, Babylon 5, or the Hunger Games, while discovering new worlds you've never even heard of. We'll break down the art of world-building, unforgettable characters, and wild concepts like time travel, magical battles, dystopian futures, and the battle between good and evil. This course is all about experiencing stories in every form – films, TV shows, novels, graphic novels, short stories, poetry, and even role-playing games. With plenty of chances for creative projects, group discussions, and sharing what you love, you'll come away with a deeper appreciation for the best genres ever invented. If you love fantasy, sci-fi, or just want to explore the limits of imagination, this course is for you.

## **\*NEW Story Seekers 25: Dive into Worlds, Unravel Stories, Expand Your Imagination**

### **Story Seekers 25: Dive into Worlds, Unravel Stories, Expand Your Imagination (5 credits)**

Get ready to dive into a world of captivating stories and endless possibilities in Story Seekers readers! Whether you're already a bookworm or just discovering your passion for reading, in this course you bring your own favorite books to class where you'll dig into an author's artistic purpose, investigate contemporary ethical issues, and even apply literary theories to uncover deeper meanings in the texts. Ultimately, this course expands your literary horizons, strengthens your reading culture, and fuels a lifelong enthusiasm for reading and writing that goes far beyond the traditional classroom experience.

In Story Seekers, you'll:

- Express Your Ideas – Through writing, creative projects, and presentations, bring your unique perspective to the books you read. Whether it's crafting thoughtful essays, composing personal reflections, or creating multimedia projects, you'll have the freedom to showcase your understanding in ways that inspire you.
- Set Your Own Reading Goals – Choose books that challenge and excite you, track your progress, and push yourself to explore new perspectives and literary styles.
- Connect Literature to the Real World – Discover how stories reflect history, culture, and contemporary issues, and explore how literature shapes and is shaped by society.
- Experience Literature Beyond the Page – Engage in book talks, author studies, and creative activities that bring stories to life.

## **\*NEW Epic History 15: Unraveling the Universe**

### **Epic History 15: Unraveling the Universe - Prerequisite: Social 10—1 (5 credits)**

Epic History 15 isn't just another history class—it's the ultimate story of everything! From the Big Bang to the rise of Human civilizations and even the future, this course connects history, science, and society to help you make sense of the world. You'll explore history's biggest turning points—how space, technology, and ancient civilizations shaped the present—and tackle big questions that challenge the way you think. If you're curious about how everything is connected and want a class that goes beyond textbooks, Epic History 15 is for you!

In Epic History 15, you will:

- Examine Major Historical Thresholds – Discover key turning points that shaped the universe, life on Earth, and human societies.
- Integrate Multiple Disciplines – Connect concepts from history, biology, physics, anthropology, and more to form a deeper understanding of our world.
- Think Critically and Challenge Ideas – Learn how knowledge evolves over time and how to test claims about history and science.
- Explore Collective Learning – Understand how human knowledge grows, spreads, and influences our future.
- Engage in Research and Inquiry – Conduct independent investigations and complete a "Little Big History" project, where you trace a single topic from the beginning of time to the present.

## **\*NEW History of Warfare 15-25: The Evolution of Conflict**

### **History of Warfare 15/25 (6 credits)**

**The Evolution of Conflict** is a single, immersive journey through humanity's most pivotal—and often devastating—moments, from the ancient world to the modern era. You'll examine how empires rose and fell, study industrialized warfare and its impact on entire continents, and uncover how these conflicts continue to mold cultures, societies, and our very understanding of what it means to fight—and why.

Key highlights include:

- Examining the causes and consequences of war
- Exploring changing strategies and weapon innovation
- Engaging with personal stories of soldiers and leaders
- Debating the morality of warfare and just war theory
- Analyzing famous battles that reshaped history

## **\*NEW GameForge 25: Worldbuilding and Quest for Epic RGP Design**

### **GameForge 25: Worldbuilding and quest for epic RPG design (6 credits)**

Ever wanted to design your own game? Love storytelling, strategy, and creativity? Tabletop Game Design is an interactive course where students will explore, design, and develop their own tabletop role-playing game. From world-building and character creation to game mechanics and storytelling, this course will teach you how to bring your imagination to life in a fully playable game.

In this course, you will:

- Explore Classic and Modern Tabletop Games – Analyze what makes a great game by studying popular role-playing and strategy games.
- Create Your Own Game World – Develop immersive settings, maps, and lore that form the foundation of your unique game.
- Design Characters and Storylines – Build compelling characters, engaging narratives, and exciting quests to drive gameplay.
- Improve Social and Leadership Skills – Learn how role-playing and game mastering enhance teamwork, problem-solving, and decision-making.
- Develop Game Mechanics and Rules – Craft balanced gameplay systems that make your game fun, challenging, and rewarding.
- Test and Refine Your Game – Playtest your design, get feedback, and improve it through iterative development.

## **\*NEW Athletic Training**

### **Athletic Training (up to 8 credits)**

Want to train smarter, perform better, and prevent injuries? Athletic Training is a hands-on course designed for students interested in sports, fitness, and physical health. Whether you're an athlete, aspiring coach, or just passionate about staying active, this course will give you the knowledge and skills to enhance athletic performance, prevent injuries, and understand the science behind movement.

In this course, you will:

- Develop Strength and Conditioning Techniques – Learn how to build muscle, improve endurance, and maximize athletic performance.
- Understand Injury Prevention and Rehabilitation – Explore common sports injuries, treatment methods, and recovery strategies used by professionals.
- Learn Sports Nutrition and Hydration – Discover how fueling your body properly enhances performance and aids in recovery.

- Master the Mental Side of Sports – Study sports psychology techniques like goal setting, focus, and mental toughness to gain a competitive edge.
- Get Certified in First Aid & Emergency Response – Gain hands-on skills in basic first aid and injury management to keep yourself and others safe.

# Outdoor Education

## **Outdoor Pursuits 10**(5 credits)

*Course Fee: \$80.00*

This activity-based course provides opportunities for in-depth practical studies and experiences. This direct approach should appeal to all students, particularly those who learn best from physical involvement. Some things that students should expect to learn would include how to: use knives, build fires and emergency shelters, cook over a fire, use a compass and GPS, tie knots, as well as learning about some current environmental topics. Students will also get certified in first aid. Students who sign up for OP 15 should enjoy being active and be prepared to go outside in all types of weather. Overnight and day trips throughout the course provide great learning experiences, as well as providing an opportunity to showcase many of the skills that students have learned throughout the course.

WLD 1100: Outdoor Cooking Theory

WLD 1060: Wilderness Navigation

HCS 2020: First Aid/CPR/AED

WLD 1130: Outdoor Survival Skills

## **Outdoor Pursuits 20** (5 credits)

*Course Fee: \$ 80.00*

Pursuits 25 will build on what was learned in OP 15. This activity-based course provides opportunities for in-depth practical studies and experiences. This direct approach should appeal to all students, particularly those who learn best from physical involvement. Some things that students should expect to learn/improve would include, how to: paddle a canoe, build fires and emergency shelters, prepare food in the outdoors, tie knots, as well as learning about some current environmental topics. Students who sign up for OP 25 should enjoy being active and be prepared to go outside in all types of weather. Overnight and day trips throughout the course provide great learning experiences, as well as providing an opportunity to showcase many of the skills that students have learned throughout the course.

WLD 1010 – Introduction to Wildlife

WLD 2100 – Outdoor Cooking Practice

WLD 2130 – Outdoor Excursion

## **Outdoor Pursuits 30** (5 credits)

*Course Fee: \$80.00*

Outdoor Pursuits 35 will build on what was learned in OP 25 and OP 15. This activity-based course provides opportunities for in-depth practical studies and experiences. This direct approach should appeal to all students, particularly those who learn best from physical involvement. Some things that students should expect to learn/improve would include, how to: paddle a canoe, build fires and emergency shelters, prepare food in the outdoors, lead a group in the outdoors, tie knots, as well as learning about some current environmental topics. Students who sign up for OP 35 should enjoy being active and be prepared to go outside in all types of weather. Overnight and day trips throughout the course provide great learning experiences, as well as providing an opportunity to showcase many of the skills that students have learned throughout the course.

WLD 2090 – Issues in Wildlife

WLD 3130 – Outdoor Leadership

WLD 3910 – WLD Project D

## **Traditional Land Based Learning 25** (5 credits)

*Course Fee: \$60*

This course will provide opportunities for students to acquire, demonstrate, and reflect on their knowledge of traditional land use. The primary goal is to allow students to participate in experiential land use activities that are culturally relevant. The activities will provide students with an opportunity to articulate and expand their knowledge and skills through traditional food gathering and preparation in an outdoor environment, development of environmental stewardship through an Indigenous lens, and knowledge and skill acquisition of wildlife, forestry and construction. Opportunities to demonstrate and reflect on culturally significant protocols and use of the Indigenous language (e.g. Cree) will be infused throughout this course.

## **\*NEW Traditional Land Based Learning 35** (5 credits)

Prerequisite– Land Based Teaching 25

*Course Fee: \$60*

The Land-Based Teaching 35 course provides students with experiential learning opportunities centered around traditional Indigenous knowledge, environmental stewardship, and hands-on skill development in an outdoor setting. Students will engage in traditional food gathering and preparation, wildlife and forestry studies, and land-based survival skills under the guidance of Elders and Knowledge Keepers. The course emphasizes the interconnections between land, culture, and sustainability, fostering a strong sense of identity and environmental responsibility.



# Social Sciences

## **Psychology 20** (6 credits)

*Prerequisite: NONE*

In Psychology 20, students will learn about both general and personal psychology. Welcome to In General Psychology, we explore the history of psychology, as well as how we learn, think, and cope with challenges. Get ready for a journey of discovery and self-reflection in General Psychology!

Personal Psychology invites you to explore what makes us tick! We'll start by understanding the basics of psychology: what it is, where it fits among other sciences, and what it isn't. We'll even delve into cool stuff like hypnosis and parapsychology! Then, the remaining themes take us deeper into understanding ourselves and others. We'll learn about personality development, how our behavior changes over time, what makes us smart, and how our genes and surroundings shape who we are. From the workings of our brains to how we see and hear the world around us, we'll uncover the secrets of perception. Through fun activities and discussions, get ready to discover what makes you, you!

## **Psychology 30** (6 credits)

*Prerequisites: General Psychology 20 or Personal Psychology 20.*

Psychology 30 is a course that combines Abnormal Psychology 35 (3 credits) and Experimental Psychology 30. Abnormal Psychology 35 examines what is considered normal and abnormal behaviour. The course begins with a look at how mental disorders have been treated throughout history and explores the diagnoses, causes, and treatments of several mental disorders. Experimental Psychology 30 offers an exciting journey into the world of psychological research. Throughout the course, you'll explore how psychology has evolved as a science, from its early beginnings to modern-day methods. By the end of the course, you'll be equipped with the skills to apply your knowledge to real-life situations, preparing you for further studies or careers in psychology.

## **Sociology 20-30** (6 credits)

*Prerequisites: NONE*

This course combines General Sociology 20 and Applied Sociology 30.

General Sociology begins with an examination of sociology as a social science and then explores various aspects of culture and personality before moving on to a study of society, looking at social class and social mobility.

Applied Sociology 30 (3 credits), students examine social influences on human behaviour with a focus on youth rebellion, education, culture, crime, mate choice and marriage. Students will learn to see themselves as part of society and understand its influence on their lives.

## **Philosophy 20-30 of Man 30** (3 credits)

*Prerequisite: NONE*

This course combines Origins of Western Philosophy 20 (3 credit) and Philosophies of Man 30 (3credit).

Philosophy examines what philosophy is, the need for philosophy, the nature of man, how free is man and political philosophy

The origins of philosophy trace the evolution of Western thought from mythology to reason, shaping perspectives on reality, ethics, and knowledge. It fosters critical thinking, encouraging individuals to compare ideas, apply concepts, and refine their reasoning. Philosophy addresses fundamental human questions, integrating with life's experiences and prompting self-examination. Engaging with great thinkers helps develop a deeper understanding of existence, morality, and truth, embracing the idea that without reflection, man is nothing.

# Sample 4yr Graduation Plans

## Sample 4yr Graduation Plan Bachelor of Arts, Education or Social Work

### Year 1:

Grade 9				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English Language Arts 9 and Social Studies 9 (Year-Long)			
Block 2	Mathematics 9 and Science 9 (Year-Long)			
	Lunch	Lunch	Lunch	Lunch
Block 3	Physical Education 9 and Health 9 (Year-Long)			
Block 4	Elective #1	Elective #2	Elective #3	Elective #4

### Year 2:

Grade 10				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 10-1	English 10-1	Social Studies 10-1	Social Studies 10-1
Block 2	Science 10	Science 10	Mathematics 10C	Mathematics 10C
	Lunch	Lunch	Lunch	Lunch
Block 3	PE 10 or 10T	CALM 20	*Art, Music, Drama or Lang. 10	*Art, Music, Drama or Lang. 10
Block 4	*Comm. or Animation 10	*Elective or Option	*Elective or Option	*Elective or Option

### Year 3:

Grade 11				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 20-1	English 20-1	Social Studies 20-1	Social Studies 20-1
Block 2	Mathematics 20-1 or 20-2	Mathematics 20-1 or 20-2	Science, Biology, Chemistry 20	Science, Biology, Chemistry 20
	Lunch	Lunch	Lunch	Lunch
Block 3	*Art, Music, Drama or Lang. 20	*Art, Music, Drama or Lang. 20	*Video, Photo or Comm. Art 20	*Video, Photo or Comm. Art 20
Block 4	*Elective or Option	*Elective or Option	*Elective or Option	*Elective or Option

### Year 4:

Grade 12				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 30-1	English 30-1	Social Studies 30-1	Social Studies 30-1
Block 2	Mathematics 30-1 or 30-2	Mathematics 30-1 or 30-2	Science, Biology or Chemistry 30	Science, Biology or Chemistry 30
	Lunch	Lunch	Lunch	Lunch
Block 3	*Art, Music, Drama or Lang. 30	*Art, Music, Drama or Lang. 30	*Video, Photo or Comm. Art 30	*Video, Photo or Comm. Art 30
Block 4	*Elective, Option or Study Blk	*Elective, Option or Study Blk	*Elective, Option or Study Block	*Elective, Option or Study Block

\*denotes hypothetical elective option

\*\*There are additional courses that may be used to meet post-secondary entrance requirements (I.E. Mathematics 31, Physics 30, Computing Science 30, etc.)

This 4yr Graduation Plan to enroll in Bachelor of Arts, Education or Social Work degree program will not only meet graduation requirements for an Alberta High School Diploma but will also meet post-secondary entrance requirements for all three Degree Programs. ([https://www.gprc.ab.ca/files/forms\\_documents/WEB\\_ONLY\\_Admission\\_to\\_University\\_Studies.pdf](https://www.gprc.ab.ca/files/forms_documents/WEB_ONLY_Admission_to_University_Studies.pdf))



Sample 4yr Graduation Plan  
Bachelor of Science in Nursing

Year 1:

Grade 9				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English Language Arts 9 and Social Studies 9 (Year-Long)			
Block 2	Mathematics 9 and Science 9 (Year-Long)			
	Lunch	Lunch	Lunch	Lunch
Block 3	Physical Education 9 and Health 9 (Year-Long)			
Block 4	Elective #1	Elective #2	Elective #3	Elective #4

Year 2:

Grade 10				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 10-1	English 10-1	Social Studies 10-1	Social Studies 10-1
Block 2	Science 10	Science 10	*Art 10	*Art 10
	Lunch	Lunch	Lunch	Lunch
Block 3	PE 10T	CALM 20	Mathematics 10C	Mathematics 10C
Block 4	*Construction 10	*Robotics 10	*Foods 10	*Foods 10

Year 3:

Grade 11				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 20-1	English 20-1	Social 20-1	Social 20-1
Block 2	Biology 20	Biology 20	Chemistry 20	Chemistry 20
	Lunch	Lunch	Lunch	Lunch
Block 3	Mathematics 20-2	Mathematics 20-2	*Art 20	*Art 20
Block 4	*Law 20	*Communications 10	*Physics 20	*Physics 20

Year 4:

Grade 12				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 30-1	English 30-1	Social Studies 30-1	Social Studies 30-1
Block 2	Biology 30	Biology 30	Chemistry 30	Chemistry 30
	Lunch	Lunch	Lunch	Lunch
Block 3	Mathematics 30-2	Mathematics 30-2	*Art 30	*Art 30
Block 4	**Elective Option	**Elective Option	**Study Block	**Study Block

\*denotes hypothetical elective option

\*\*denotes students can choose to fill space with an elective or a study block

This 4yr Graduation Plan to enroll in a Bachelor of Science (Nursing) program would also meet the requirements for a number of other degree programs. Students would graduate with over 115 credits and meet all of Alberta High School Diploma Requirements.

### Sample 4yr Graduation Plan

#### Pre-Professional (Chiropractic, Dentistry, Medicine, Optometry, Veterinary Medicine, Radiation Therapy)

##### Year 1:

Grade 9				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English Language Arts 9 and Social Studies 9 (Year-Long)			
Block 2	Mathematics 9 and Science 9 (Year-Long)			
	Lunch	Lunch	Lunch	Lunch
Block 3	Physical Education 9 and Health 9 (Year-Long)			
Block 4	Elective #1	Elective #2	Elective #3	Elective #4

##### Year 2:

Grade 10				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 10-1	English 10-1	Social Studies 10-1	Social Studies 10-1
Block 2	Science 10	Science 10	Mathematics 10C	Mathematics 10C
	Lunch	Lunch	Lunch	Lunch
Block 3	PE 10 or 10T	CALM 20	*Elective or Option	*Elective or Option
Block 4	*Elective or Option	*Elective or Option	*Elective or Option	*Elective or Option

##### Year 3:

Grade 11				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 20-1	English 20-1	Chemistry 20	Chemistry 20
Block 2	Mathematics 20-1	Mathematics 20-1	Physics 20	Physics 20
	Lunch	Lunch	Lunch	Lunch
Block 3	Biology 20	Biology 20	Social Studies 20-1	Social Studies 20-1
Block 4	*Elective or Option	*Elective or Option	*Elective or Option	*Elective or Option

##### Year 4:

Grade 12				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 30-1	English 30-1	Chemistry 30	Chemistry 30
Block 2	Mathematics 30-1	Mathematics 30-1	Physics 30	Physics 30
	Lunch	Lunch	Lunch	Lunch
Block 3	Biology 30	Biology 30	Social Studies 30-1	Social Studies 30-1
Block 4	*Elective, Option or Study Block	*Elective, Option or Study Block	*Elective, Option or Study Block	*Elective, Option or Study Block

\*denotes hypothetical elective option

This 4yr Graduation Plan to enroll in a post-secondary Pre-Professional Program would not only meet the requirements for an Alberta High School Diploma but it will also meet post-secondary entrance requirements in a Pre-Professional Degree program.

([https://www.gprc.ab.ca/files/forms\\_documents/WEB\\_ONLY\\_Admission\\_to\\_University\\_Studies.pdf](https://www.gprc.ab.ca/files/forms_documents/WEB_ONLY_Admission_to_University_Studies.pdf))

\*\*\* (Pre-Professional Degree programs are very competitive, and completion of these courses does not guarantee acceptance.

**Students should aim for an average of 80% in their required Core Classes**).

## Sample 4yr Graduation Plan

### Engineering

#### Year 1:

Grade 9				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English Language Arts 9 and Social Studies 9 (Year-Long)			
Block 2	Mathematics 9 and Science 9 (Year-Long)			
	Lunch	Lunch	Lunch	Lunch
Block 3	Physical Education 9 and Health 9 (Year-Long)			
Block 4	Elective #1	Elective #2	Elective #3	Elective #4

#### Year 2:

Grade 10				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 10-1	English 10-1	Social Studies 10-1	Social Studies 10-1
Block 2	Science 10	Science 10	Mathematics 10C	Mathematics 10C
	Lunch	Lunch	Lunch	Lunch
Block 3	PE 10 or 10T	CALM 20	*Elective or Option	*Elective or Option
Block 4	*Elective or Option	*Elective or Option	*Elective or Option	*Elective or Option

#### Year 3:

Grade 11				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 20-1	English 20-1	Chemistry 20	Chemistry 20
Block 2	Mathematics 20-1	Mathematics 20-1	Physics 20	Physics 20
	Lunch	Lunch	Lunch	Lunch
Block 3	*Elective or Option	*Elective or Option	Social Studies 20-1	Social Studies 20-1
Block 4	*Elective or Option	*Elective or Option	*Elective or Option	*Elective or Option

#### Year 4:

Grade 12				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 30-1	English 30-1	Mathematics 31 (Calculus)	Mathematics 31 (Calculus)
Block 2	Mathematics 30-1	Mathematics 30-1	Physics 30	Physics 30
	Lunch	Lunch	Lunch	Lunch
Block 3	Chemistry 30	Chemistry 30	Social Studies 30-1	Social Studies 30-1
Block 4	*Elective, Option or Study Block	*Elective, Option or Study Block	*Elective, Option or Study Block	*Elective, Option or Study Block

\*denotes hypothetical elective option

This 4yr Graduation Plan to enroll in a post-secondary Engineering Program would not only meet the requirements for an Alberta High School Diploma but it will also meet post-secondary Entrance requirements in an Engineering program.

([https://www.gprc.ab.ca/files/forms\\_documents/WEB\\_ONLY\\_Admission\\_to\\_University\\_Studies.pdf](https://www.gprc.ab.ca/files/forms_documents/WEB_ONLY_Admission_to_University_Studies.pdf))

\*\*\* (Engineering programs are very competitive, and completion of these courses does not guarantee acceptance.)

**Sample 4yr Graduation Plan**  
**Kinesiology (The study of Human Movement)**

**Year 1:**

Grade 9				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English Language Arts 9 and Social Studies 9 (Year-Long)			
Block 2	Mathematics 9 and Science 9 (Year-Long)			
	Lunch	Lunch	Lunch	Lunch
Block 3	Physical Education 9 and Health 9 (Year-Long)			
Block 4	Elective #1	Elective #2	Elective #3	Elective #4

**Year 2:**

Grade 10				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 10-1	English 10-1	Social Studies 10-1	Social Studies 10-1
Block 2	Science 10	Science 10	Mathematics 10C	Mathematics 10C
	Lunch	Lunch	Lunch	Lunch
Block 3	PE 10 or 10T	CALM 20	*Art, Music, Drama or Lang. 10	*Art, Music, Drama or Lang. 10
Block 4	*Elective or Option	*Elective or Option	*Elective or Option	*Elective or Option

**Year 3:**

Grade 11				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 20-1	English 20-1	Social Studies 20-1	Social Studies 20-1
Block 2	Mathematics 20-1 or 20-2	Mathematics 20-1 or 20-2	Science, Biology, Chemistry 20	Science, Biology, Chemistry 20
	Lunch	Lunch	Lunch	Lunch
Block 3	*Physical Education 20	*Physical Education 20	*Video, Photo or Comm. Art 20	*Video, Photo or Comm. Art 20
Block 4	*Art, Music, Drama or Lang. 20	*Art, Music, Drama or Lang. 20	*Elective or Option	*Elective or Option

**Year 4:**

Grade 12				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 30-1	English 30-1	Social Studies 30-1	Social Studies 30-1
Block 2	Mathematics 30-1 or 30-2	Mathematics 30-1 or 30-2	Science, Biology or Chemistry 30	Science, Biology or Chemistry 30
	Lunch	Lunch	Lunch	Lunch
Block 3	*Physical Education 30	*Physical Education 30	*Video, Photo or Comm. Art 30	*Video, Photo or Comm. Art 30
Block 4	*Art, Music, Drama or Lang. 30	*Art, Music, Drama or Lang. 30	*Elective, Option or Study Block	*Elective, Option or Study Block

\*denotes hypothetical elective option

\*\* The standard 5 courses are English 30-1, Mathematics 30-1 or 30-2, a Science at the 30 level (Biology, Physics, Chemistry or Science), Social Studies 30-1 and Physical Education 30

This 4yr Graduation Plan to enroll in the Kinesiology degree program will not only meet graduation requirements for an Alberta High School Diploma but will also meet post-secondary entrance requirements for a Kinesiology Degree Program.

([https://www.gprc.ab.ca/files/forms\\_documents/WEB\\_ONLY\\_Admission\\_to\\_University\\_Studies.pdf](https://www.gprc.ab.ca/files/forms_documents/WEB_ONLY_Admission_to_University_Studies.pdf))

Sample 4yr Graduation Plan  
Automotive Apprenticeship

Year 1:

Grade 9				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English Language Arts 9 and Social Studies 9 (Year-Long)			
Block 2	Mathematics 9 and Science 9 (Year-Long)			
	Lunch	Lunch	Lunch	Lunch
Block 3	Physical Education 9 and Health 9 (Year-Long)			
Block 4	Elective #1	Elective #2	Elective #3	Elective #4

Year 2:

Grade 10				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 10-1 or 10-2	English 10-1 or 10-2	Social Studies 10-1 or 10-2	Social Studies 10-1 or 10-2
Block 2	Science 10	Science 10	Auto Tech 10	*Welding 10
	Lunch	Lunch	Lunch	Lunch
Block 3	PE 10 or 10T	CALM 20	Mathematics 10C or 10-3	Mathematics 10C or 10-3
Block 4	*Elective or Option	*Elective or Option	*Elective or Option	*Elective or Option

Year 3:

Grade 11				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 20-1 or 20-2	English 20-1 or 20-2	Senior Automotive	Senior Automotive
Block 2	Mathematics 20 (-1, -2 or -3)	Mathematics 20 (-1, -2 or -3)	Social Studies 20-1 or 20-2	Social Studies 20-1 or 20-2
	Lunch	Lunch	Lunch	Lunch
Block 3	Senior Automotive	Senior Automotive	*Senior Welding (Welding 20)	*Senior Welding (Welding 30)
Block 4	*Elective or Option	*Elective or Option	Science, Chemistry or Physics 20	Science, Chemistry or Physics 20

Year 4:

Grade 12				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	Auto Apprenticeship Part A	Auto Apprenticeship Part A	Social Studies 30-1 or 30-2	Social Studies 30-1 or 30-2
Block 2	Auto Apprenticeship Part A	Auto Apprenticeship Part A	Auto Apprenticeship Part B	Auto Apprenticeship Part B
	Lunch	Lunch	Lunch	Lunch
Block 3	English 30-1 or 30-2	English 30-1 or 30-2	Science, Chemistry or Physics 30	Science, Chemistry or Physics 30
Block 4	Mathematics 30 (-1, -2 or -3)	Mathematics 30 (-1, -2 or -3)	*Elective, Option or Study Block	*Elective, Option or Study Block

\*denotes hypothetical elective option

This 4yr Graduation Plan to enroll in Automotive Apprenticeship would meet the requirements for an Alberta High School Diploma as well as the Alberta Apprenticeship and Industry Training Trade Entrance Requirements ([http://tradesecrets.alberta.ca/SOURCES/PDFS/Entrance\\_Requirements.pdf](http://tradesecrets.alberta.ca/SOURCES/PDFS/Entrance_Requirements.pdf)).

Sample 4yr Graduation Plan  
Cosmetology Apprenticeship

Year 1:

Grade 9				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English Language Arts 9 and Social Studies 9 (Year-Long)			
Block 2	Mathematics 9 and Science 9 (Year-Long)			
	Lunch	Lunch	Lunch	Lunch
Block 3	Physical Education 9 and Health 9 (Year-Long)			
Block 4	Elective #1	Elective #2	Elective #3	Elective #4

Year 2:

Grade 10				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 10-1 or 10-2	English 10-1 or 10-2	Social Studies 10-1 or 10-2	Social Studies 10-1 or 10-2
Block 2	Science 10	Science 10	Cosmetology 10	Cosmetology Nail Tech
	Lunch	Lunch	Lunch	Lunch
Block 3	PE 10 or 10T	CALM 20	Mathematics 10C or 10-3	Mathematics 10C or 10-3
Block 4	*Elective or Option	*Elective or Option	*Elective or Option	*Elective or Option

Year 3:

Grade 11				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English 20-1 or 20-2	English 20-1 or 20-2	Cosmetology 20	Cosmetology 20
Block 2	Mathematics 20 (-1, -2 or -3)	Mathematics 20 (-1, -2 or -3)	Cosmetology 20	Cosmetology 20
	Lunch	Lunch	Lunch	Lunch
Block 3	Cosmetology Skin Care	Cosmetology Skin Care	Social Studies 20-1 or 20-2	Social Studies 20-1 or 20-2
Block 4	*Elective or Option	*Elective or Option	Science, Chemistry or Physics 20	Science, Chemistry or Physics 20

Year 4:

Grade 12				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	Cosmetology 30	Cosmetology 30	Cosmetology 40	Cosmetology 40
Block 2	Cosmetology 30	Cosmetology 30	Cosmetology 40	Cosmetology 40
	Lunch	Lunch	Lunch	Lunch
Block 3	English 30-1 or 30-2	English 30-1 or 30-2	Social Studies 30-1 or 30-2	Social Studies 30-1 or 30-2
Block 4	Mathematics 30 (-1, -2 or -3)	Mathematics 30 (-1, -2 or -3)	Science, Chemistry or Physics 30	Science, Chemistry or Physics 30

\*denotes hypothetical elective option

This 4yr Graduation Plan to enroll in Cosmetology Apprenticeship would meet the requirements for an Alberta High School Diploma as well as the Alberta Apprenticeship and Industry Training Trade Entrance Requirements ([http://tradesecrets.alberta.ca/SOURCES/PDFS/Entrance\\_Requirements.pdf](http://tradesecrets.alberta.ca/SOURCES/PDFS/Entrance_Requirements.pdf)). In addition, students will be more than prepared to complete hours in the field and write their examination to receive their Journeyman ticket.

Sample 4yr Graduation Plan for a Certificate of Achievement  
Knowledge and Employability Graduation Requirements

Year 1:

Grade 9				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	English Language Arts 9 and Social Studies 9 (Year-Long)			
Block 2	Mathematics 9 and Science 9 (Year-Long)			
	Lunch	Lunch	Lunch	Lunch
Block 3	Physical Education 9 and Health 9 (Year-Long)			
Block 4	Elective #1	Elective #2	Elective #3	Elective #4

Year 2:

Grade 10				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	PE 10 or 10T	CALM 20	*CTS Elective or Option	*CTS Elective or Option
Block 2	*Elective or Option	*Elective or Option	*CTS Elective or Option	*CTS Elective or Option
	Lunch	Lunch	Lunch	Lunch
Block 3	English 10-4	English 10-4	Social Studies 10-4	Social Studies 10-4
Block 4	Science 10-4	Science 10-4	Mathematics 10-4	Mathematics 10-4

Year 3:

Grade 11				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	*20 level CTS Elective or Option	*20 level CTS Elective or Option	*20 level CTS Elective or Option	*20 level CTS Elective or Option
Block 2	*Elective or Option	*Elective or Option	*Elective or Option	*Elective or Option
	Lunch	Lunch	Lunch	Lunch
Block 3	English 20-4	English 20-4	Social Studies 20-4	Social Studies 20-4
Block 4	Science 20-4	Science 20-4	Mathematics 20-4	Mathematics 20-4

Year 4:

Grade 12				
Semester 1 (September – End of January)			Semester 2 (February – End of June)	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Block 1	Workplace Practicum	Workplace Practicum	*Elective or Option	*Elective or Option
Block 2	Workplace Practicum	Workplace Practicum	*Elective or Option	*Elective or Option
	Lunch	Lunch	Lunch	Lunch
Block 3	English 30-4	English 30-4	*Elective or Option	*Elective or Option
Block 4	*30 level CTS Elective or Option	*30 level CTS Elective or Option	*Elective, Option or Study Block	*Elective, Option or Study Block

\*denotes hypothetical elective option

\*\* There are a variety of 30 Level CTS Electives or Option classes that will meet Alberta Certificate of Achievement Requirements (i.e. Foods 30, Law 30, Computers 30, HCS @ the 30 level, Mechanics 30, Construction 30, Cosmetology 30, etc)

This 4yr Graduation Plan to will meet Alberta Certificate of Achievement requirements but will not meet post-secondary degree requirements. Academic upgrading will be required for a degree program. However, the Knowledge and Employability requirements 4yr plan will meet some trade, certificate, and diploma programs with minimal academic upgrading.

**Students will need to upgrade their core Academic Classes (English, Social Studies, Mathematics and Science)**



# Apprenticeship and Industry Training

## APPRENTICESHIP EDUCATION ENTRANCE REQUIREMENTS



### MINIMUM REQUIREMENTS

Successful completion of the following courses:

### RECOMMENDED PATH

Alberta High School Diploma that includes the following courses:

<b>CATEGORY A</b>	English 10-2 Math 10-3 OR A pass mark in all five Canadian General Educational Development (GED) tests OR Entrance Exam	English 30-2 Math 30-3 Physics 20 OR Chemistry 20 OR Science 20 Related Career and Technology Studies (CTS) courses
<b>CATEGORY B</b>	English 20-2 Math 20-3 Science 10 OR A pass mark in all five Canadian General Educational Development (GED) tests OR Entrance Exam	English 30-2 Math 30-3 Physics 30 OR Chemistry 30 OR Science 30 Related Career and Technology Studies (CTS) courses
<b>CATEGORY C</b>	English 10-2 Math 10-3 Science 10 OR A pass mark in all five Canadian General Educational Development (GED) tests OR Entrance Exam	English 30-2 Math 30-3 Physics 20 OR Chemistry 20 OR Science 20 Related Career and Technology Studies (CTS) courses

**CATEGORY A**

- Baker
- Barber
- Bricklayer
- Cabinetmaker
- Carpenter
- Concrete Finisher
- Cook
- Crane and Hoisting Equipment Operator
- Floor Covering Installer
- Glazier
- Hairstylist
- Insulator (Heat and Frost)
- Ironworker
- Lather (Interior Systems Mechanic)
- Locksmith
- Metal Fabricator (Fitter)
- Painter and Decorator
- Parts Technician
- Water Well Driller
- Welder

**CATEGORY B**

- Agricultural Equipment Technician
- Appliance Service Technician
- Automotive Service Technician
- Boilermaker
- Communication Technician
- Electric Motor Systems Technician
- Electrician
- Elevator Constructor
- Gasfitter
- Heavy Equipment Technician
- Industrial Mechanic (Millwright)
- Motorcycle Mechanic
- Natural Gas Compression Technician
- Plumber
- Power System Electrician
- Powerline Technician
- Sheet Metal Worker
- Sprinkler Systems Installer
- Steamfitter-Pipefitter
- Transport Refrigeration Technician

**CATEGORY C**

- Auto Body Technician
- Landscape Horticulturist
- Machinist
- Outdoor Power Equipment Technician
- Recreation Vehicle Service Technician

**CATEGORY D\***

- Roofer
- Instrumentation and Control Technician
- Refrigeration and Air Conditioning Mechanic

\*See the individual trades on [tradesecrets.alberta.ca](http://tradesecrets.alberta.ca) for Category D trade entrance requirements.

Equivalencies will be considered for entrance requirements.

If you have an existing trade certificate, it can serve as your entrance requirement when registering in an additional apprenticeship program.