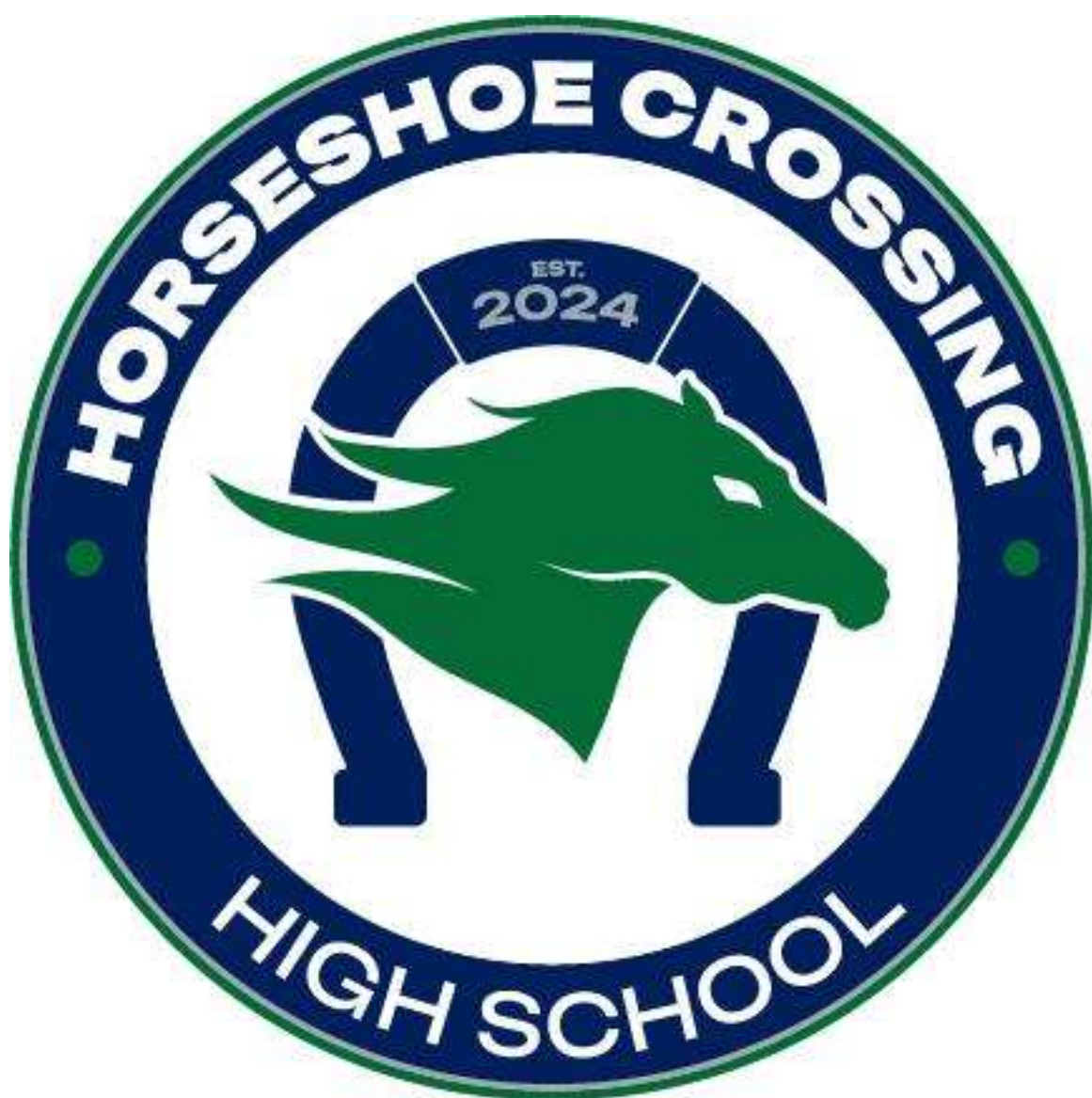


# HORSESHOE CROSSING HIGH SCHOOL

## High School Course Planner

2025-2026

Also available online at <http://horseshoecrossing.rockyview.ab.ca>



Horseshoe Crossing High School, 167 Mowat Street, Langdon, AB, Canada, T0J 1X2

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Website: <http://horseshoecrossing.rockyview.ab.ca>



# **HORSESHOE CROSSING HIGH SCHOOL**

## **Course Planner Handbook 2025-2026**

167 Mowat Street

Langdon, Alberta T0J 1X2

School Office Phone: 403-936-9288

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**Jordan Fenton**

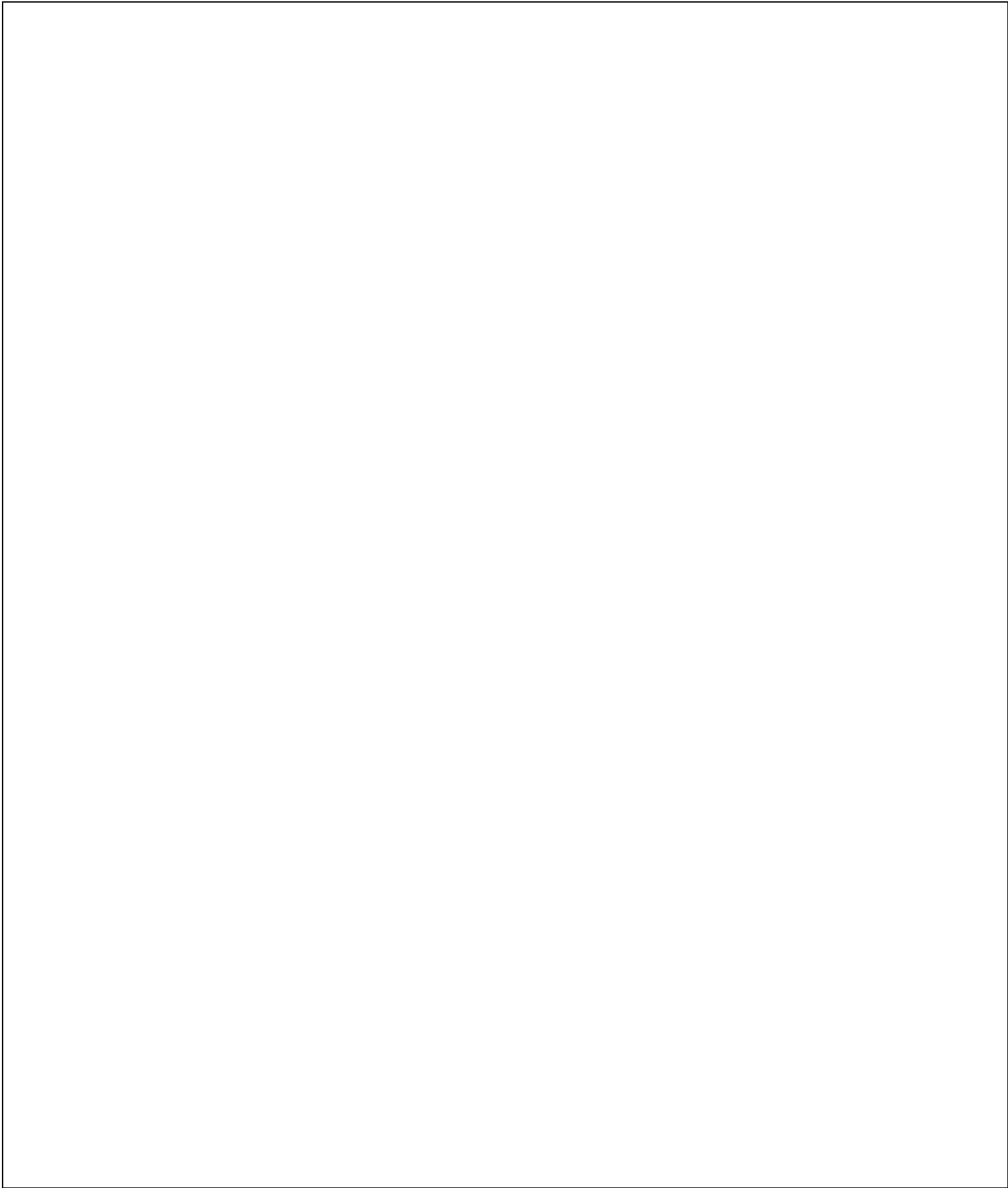
Principal

**Marie Cumberland**

Assistant Principal

**Theresa De Rosier**

School Counsellor





# TABLE OF CONTENTS

WELCOME TO HORSESHOE CROSSING HIGH SCHOOL .....	6
ALBERTA HIGH SCHOOL DIPLOMA REQUIREMENTS .....	8
CERTIFICATE OF HIGH SCHOOL ACHIEVEMENT REQUIREMENTS .....	9
ENGLISH.....	10
SOCIAL STUDIES .....	11
MATHEMATICS .....	12
SCIENCES.....	13
PHYSICAL EDUCATION .....	15
CAREER & LIFE MANAGEMENT (CALM).....	16
LEADERSHIP 10-20-30.....	16
FINE ARTS .....	16
CAREER AND TECHNOLOGY STUDIES (CTS) COURSES .....	17
LEARNING SUPPORT .....	20
WECONNECT .....	20
OFF CAMPUS EDUCATION .....	21
GREEN CERTIFICATE.....	21
KNOWLEDGE & EMPLOYABILITY (K&E) COURSES .....	21
CERTIFICATE OF SCHOOL COMPLETION.....	22
SHARED PROGRAM CHOICES .....	23

# Welcome to Horseshoe Crossing High School

At Horseshoe Crossing High School we strive for excellence and preparing students to become contributing citizens in our ever-changing global community. Through our core academic program and complementary course offerings, our students are provided opportunity to personalize their learning to suit their individual needs. Our programs are designed by staff, so all learners embrace a 'growth mindset' to use skills, knowledge and values to become responsible, productive citizens and lifelong learners.

## Planning Your Courses

This guide is designed to help students plan their school programming. Course selection should be based on a student's current achievement, capabilities, interests, goals and teacher recommendations. Students register for courses in accordance with achievement and teacher's recommendations. 50% is the minimum mark to continue to the next level in any course sequence; however, the **recommended** marks to successfully continue to the next level may be higher. Recommended marks for advancement are indicated along the arrows in the course flow charts. Flow charts for more complex course sequences are provided within this booklet.

It is the responsibility of the student and parent to ensure the courses that the student selects meet the requirements for graduation.

## Selecting Your Courses

The programs in this guide are organized by core and complementary courses. All students are required to take core courses. Students select from the range of complementary courses in keeping with career pathways and personal interests. Consider the following before selecting courses:

1. Ensure completion of the necessary pre-requisites.
2. Consult teachers or our school counsellor, if you are not sure about the course sequence you should select.
3. Review the courses needed to complete the Alberta High School Diploma (on next page).
4. Confirm the courses will meet requirements for post-secondary goals. Refer to your myBlueprint planner.

## Course & Timetable Changes

Essential timetable changes for both **Semester One** and **Semester Two**, are to be undertaken at the start of the school year. Waiting until the second semester to make changes for that semester, may result in your requested courses not being available.

Each spring, students select core and complementary courses that form the basis of their schedules. The master timetable is designed and built from these course requests to meet the majority of students' programming needs. Course selection in our spring registration is also the single most critical element in staffing and budgeting for the next school year.

Students must choose carefully as only changes to classes, based on status of pre-requisites, will be considered. Changes after timetable issuance are based on educational reasoning only. *Requests for timetable changes based on teacher preference, or placement with peers, will not be approved.*

Overall, please ensure you make your course selections very thoughtfully and carefully.

## myBlueprint

myBlueprint is the foundational educational planning tool used for the four-year journey at HCHS. All students will have myBlueprint accounts to assist with setting goals, tracking high school diploma requirements, and exploring postsecondary options. Our school uses myBlueprint to gather information on student needs and interests. The tool facilitates planning by ensuring that individual student's educational interests and aspirations are known by our school staff. The interactive component of myBlueprint provides students with an opportunity to plan their education. It is highly customized to meet curriculum expectations and learning outcomes and to build on opportunities and experiences related to occupational interests. Students build a forward-thinking plan and visually track school-specific completed, in-progress and planned courses. The ability to create multiple "what-if" plans, encourages students to explore options to meet their needs and interests. Our learners can explore a wealth of information on post-secondary opportunities across Canada based on personal preferences and saved high school plans. Options can be compared side-by-side to save time and make the most informed decisions about the future. Head to [www.myblueprint.ca](http://www.myblueprint.ca) and use their @rvschools.ab.ca account to log in.

### Course Load

Grade 10 students enroll in a full course load within the regular bell schedule and may not have spares (41 credits).

**Grade 11 students who earn 41 credits in grade 10 are eligible for a spare as they are only required to earn 35 credits in their Grade 11 year.**

Grade 12 students enroll in courses to complete their requirements for graduation (this may be anything from 4-8 courses). Students will also want to ensure they have completed the requirements for their post-secondary program of choice. If students have questions about requirements, they are welcome to make an appointment to see our school counsellor.

### Acceleration

In order to accelerate in an academic course sequence at a higher grade level, a student must have 80% or higher in the prerequisite course (and 85% in the Grade 9 pre-requisite), have a teacher recommendation and there must be space in the class. If you are interested in accelerating, request a meeting with your grade level administrator.

### Course Offerings

**Please note that complementary courses must have sufficient enrollment in order to be offered in the timetable.**

# Alberta High School Diploma Requirements

**Students must earn a minimum of 100 credits and complete the following courses:**

- English Language Arts 30-1 or 30-2
- Social Studies 30-1 or 30-2
- Math 20-1 or Math 20-2 or Math 20-3
- Science 20 or 24 or Biology 20 or Chemistry 20 or Physics 20
- Physical Education 10 (3 or 5 credits)
- Career and Life Management (CALM) (3 credits)

**Earn 10 credits in any combination from:**

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

**Earn 10 credits in any 30-level course**

(in addition to 30 level English and 30 level Social Studies), including:

- 30 level Mathematics, Science, Fine Arts, Languages, CTS, or Physical Education
- Advanced level (3000 series) in Career and Technology Studies Courses
- 35 level locally developed/acquired and locally authorized courses
- 35 level Work Experience
- 35 level Registered Apprenticeship Program courses
- 30-4 level Knowledge & Employability courses

## **MYPASS:**

[my Pass](https://myPass.alberta.ca) is a secured self-service through Alberta Education. The website ([myPass.alberta.ca](https://myPass.alberta.ca)) is intended to enable high school students to view their academic information including credit count and diploma exam results. **Students will use myPass to order high school transcripts and to register to rewrite a diploma exam. This is also the ONLY access for students to view their diploma results.**

Students, who are registered to write a diploma exam and are not already signed up through myPass, will receive a registration letter from Alberta Education containing a PIN code. This PIN code expires so you will need to register promptly. As Alberta Education will send this letter to the address the school has on record, it is important that we have your correct address. When signing up for myPass, do not use your RVSchools email address, as this email will expire once you graduate.

# Certificate of High School Achievement Requirements

**Students must earn a minimum of 80 credits and complete the following courses:**

- English Language Arts 20-2 or 30-4
- Mathematics 10-3 or 20-4
- Science 14 or 20-4
- Social Studies 10-2 or 20-4
- Physical Education 10 (3 or 5 credits)
- Career and Life Management (CALM) (3 credits) **Earn 5 credits in:**
- 30-level Knowledge and Employability occupational course, **or**
- 30-level Career and Technology Studies (CTS), **or**
- 30-level locally developed course with an occupational focus

**AND**

**Earn 5 credits in:**

- 30-level Knowledge and Employability Workplace Practicum course, **or**
- 30-level Work Experience course, **or**
- 30-level Green Certificate course, **or**
- 30-level Special Projects

**OR**

**Earn 5 credits in:**

- 30-level Registered Apprenticeship Program (RAP) course

## How credits are awarded:

Each course is assigned a credit value based on hours of instruction (usually 5 credits) as determined by Alberta Education. To receive credits in a course, a student must achieve a mark of 50%. Credits can only be earned once in any course. A grade of 50% must be obtained to proceed to the next course in the sequence. Students achieving between 40% and 49% in a core course may, instead of repeating the course, take a course in a lower alternative sequence. For example, if receiving a mark of 42% in English 10-1, the student can proceed to English 20-2. If that course is passed, the student will receive retroactive credits in English 10-2. Students who successfully complete the next grade level course in the alternative sequence will then be granted retroactive credit for the prerequisite course. Most Grade 11 and 12 courses require prerequisite courses.

## Provincial Diploma Exams

Provincial Diploma Exams are required in English 30-1 and 30-2, Social Studies 30-1 and 30-2, Mathematics 30-1 and 30-2, Science 30, Biology 30, Chemistry 30, and Physics 30. The final mark in these courses is a combination of a school mark and the provincial diploma mark, with the diploma portion being weighted at a percentage to be determined by Alberta Education (currently 30%).

## Alberta Education Website

Visit <https://education.alberta.ca/> for more information about curriculum and exams.

**\*\*\*Please note that all fees listed throughout the High School Course Planner are based on 2024-2025 and are subject to revision for the 2025-2026 school year. \*\*\***

# ENGLISH

## English -1

This program sequence is designed for students with strong reading and communication skills and an interest in literature. Students will be asked to respond critically and personally to a wide variety of texts. Successful completion of English 30-1 is a requirement for entrance to all Canadian universities and many other post-secondary programs.

## English -2

This program sequence is designed to help students build confidence as they develop their English skills for school success, future careers and life goals. Successful completion of this program provides access to most certificate/diploma programs in colleges and technical institutions.

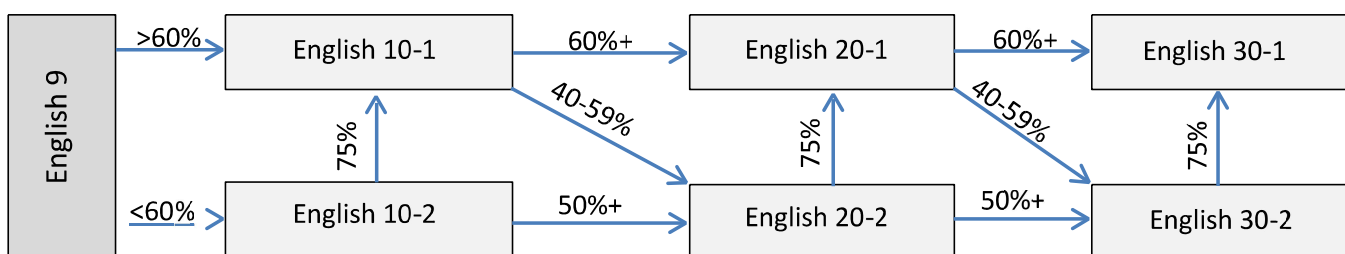
## English Complementary Courses

### Creative Writing 15-25-35

**Pre-requisite: None**

**Additional Fee Required: \$25**

Creative 15-25-35 are designed for students with an interest in communication and written expression above and beyond what is presented in the standard English classroom. Students will receive instruction in a variety of genres, encouraging students to experiment with new ideas, concepts, and processes in their writing. Primarily, the class will deal with the creation of prose fiction, but time will also be devoted to other genres and the development of a writing portfolio. The class will also spend time exploring various aspects of publishing, including how to submit their own work.



\*To successfully progress from English -2 to -1, it is recommended that a student achieve a mark of 75% or higher in the -2 stream.

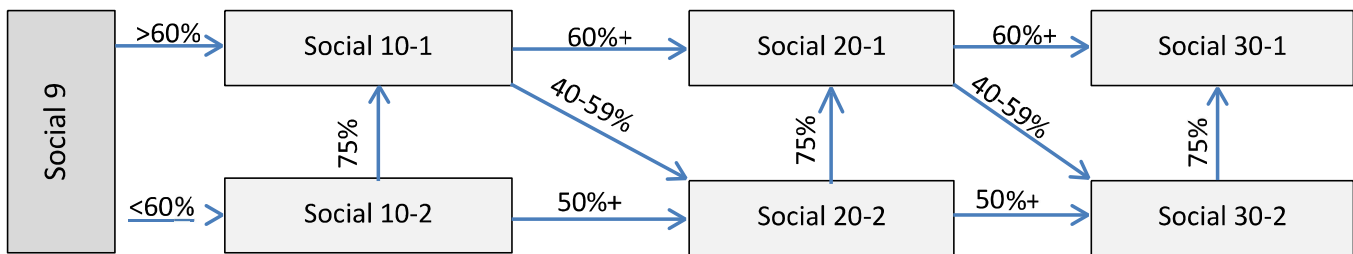
# SOCIAL STUDIES

## Social Studies -1

This program sequence is designed for academic students with strong communication skills. Students in Social 10-1 explore the origins of globalization and its impact, locally, nationally, and internationally, on culture, economies, human rights and quality of life. Social 20-1 students explore the complexities of nationalism in Canadian and international contexts. Students in Social 30-1 explore the origins and complexities of ideologies and examine multiple perspectives regarding the principles of classical and modern liberalism.

## Social Studies -2

This program sequence begins in Social 10-2 in which students explore the history of globalization and its effects on land, culture, human rights and quality of life. Students in Social 20-2 examine historical and contemporary understandings of nationalism in Canada and the world. In Social 30-2, students examine the origins, values and components of competing ideologies.



\*To successfully progress from the Social Studies -2 to -1 streams, it is recommended that a student achieve a mark of 75% or higher in -2 prior to registering in -1.

### Social Sciences Complementary Courses

#### Philosophy 20/30 \*

Pre-requisite ELA10-1 or SS 10-1

Are you curious about life's biggest questions? In Philosophy 20/30, you'll dive into debates about ethics, free will, reality, and the meaning of life. Through thought-provoking discussions, films, and real-world scenarios, you'll develop critical thinking skills, sharpen your reasoning, and challenge society's fundamental assumptions. We will look at ancient thinkers like Plato to modern dilemmas in technology and society. Join us to question everything, debate with peers, and discover new ways of thinking. Just bring your curiosity!

***\*Please note that these two classes will be taught in the same block over the semester. Students will be taking both courses to earn a total of 6 credits.***

# MATHEMATICS

## Math 10 Combined (Math 10C)

Mathematics 10C is the starting point for both the Mathematics 1 and 2 course sequences. Each topic area requires that students develop a conceptual knowledge base and skill set that will be useful to whatever course sequence they have chosen. The topics covered within a course sequence are meant to build upon previous knowledge and to progress from simple to more complex conceptual understandings.

## Mathematics 15

Math 15 is designed for students who received a grade between 50% and 60% in Math 9 but who aspire to successfully complete Math 10-C. The course is designed to strengthen students' numeracy skills in areas related to the Math 10-C curriculum before taking Math 10C. Upon successful completion of Math 15 (5 credits) in Semester 1 with a minimum mark of 60%, students can register in Math 10-C (5 credits) in Semester 2. Students who select Math 15 should also register for Math 10-C on their *Grade 10 Course Planning Form* (pick sheet). Students who achieve a mark between 40 and 59% in Math 15 will be allowed to register in Math 20-3 in Grade 11. Upon successful completion of Math 20-3 (5 credits), students will also earn retroactive credits in Math 10-3 (5 credits).

**\*\*NOTE:** It's important to remember that Math 15 is an option course, it does not meet the Alberta Education requirement for Math at the grade 10 level. It is simply designed to help students experience success in Math 10C.

## Mathematics -1: Pre-Calculus

This program sequence is designed for students interested in post-secondary programs that further study of mathematics such as Calculus (e.g. Engineering and Mathematical Sciences). Mathematics 31 is a complementary course designed to prepare students for post-secondary Calculus. Mathematics 30-1 is a co-requisite to Mathematics 31 (can be taken simultaneously).

## Mathematics -2: Principles of Mathematics

This program sequence is designed for students interested in post-secondary programs that do not require the study of Calculus. This sequence provides students with the flexibility to change course sequences if their interests change.

## Mathematics -3: Workplace & Apprenticeship

This course sequence is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include algebra, geometry, measurement, number, statistics, and probability.

## Mathematics 31 – Calculus

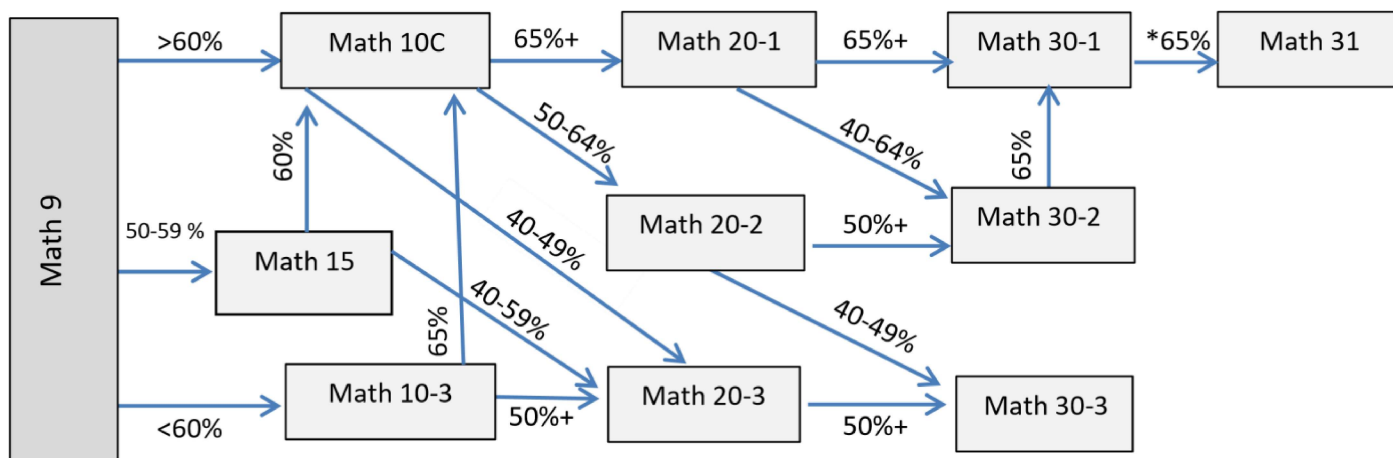
### Suggested Pre-requisite: 65% in Mathematics 30-1

Mathematics 31 is designed for any student who, in all likelihood, will be attempting a calculus course at the post-secondary level. This could be in fields of studies such as Engineering, Science, Commerce and the like. Students are strongly encouraged to investigate the requirements necessary for their post-secondary goals, and if undergraduate mathematics is part of that program, the student should register in Mathematics 31. Topics are oriented toward the dynamic mathematics involved in the study of calculus and give students the necessary background to further their studies at a post-secondary level.

To view the High School Mathematics Requirements for Post-Secondary Entrance: <http://alis.alberta.ca/ec/ep/aas/ta/mathreq.html>  
Please be advised that the majority of university or college entrance requirements need Math 30-2. These courses are highly rigorous and academically focused. A small amount of specialized university programs need students to take Math 30-1.

Click to view the Parent Information page for the [Math Curriculum](#) .





\*Recommended

## SCIENCES

### Science 10-20-30

This program sequence provides students with a unified view of the biological, chemical, physical and Earth sciences and an awareness of the connections among them. Science 10 is the prerequisite for all 20 level science courses. Students may take Science 30 with a grade of 50% or higher in any 20-level science course. Science 30 is accepted for entrance into several university and post-secondary programs.

### Science 14-24

This program sequence meets the basic requirements for an Alberta High School Diploma. It is designed primarily for students planning to directly enter the workforce.

### Biology 20-30

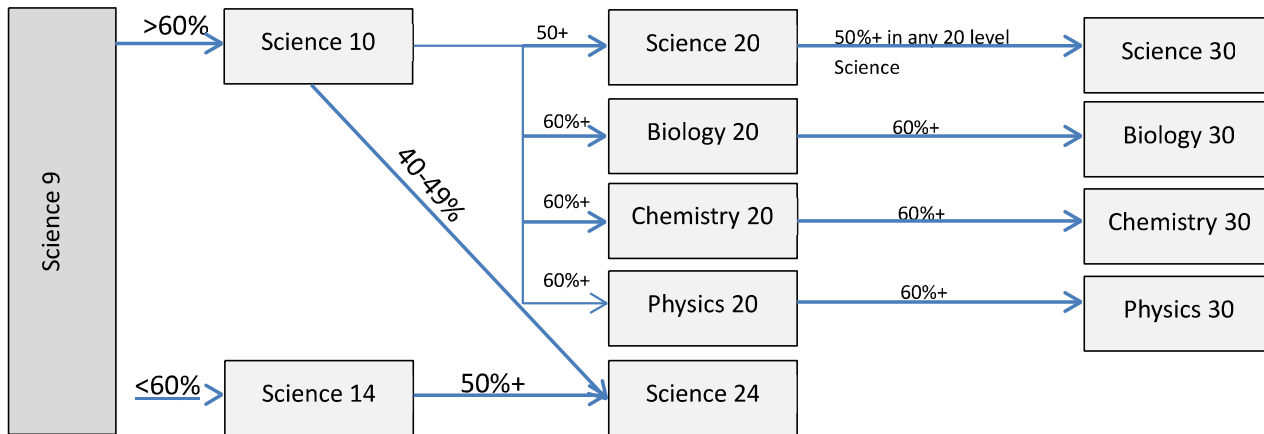
This program sequence begins in Biology 20 with a study of Energy & Matter Exchange in the Biosphere, Ecosystems & Population Change, Photosynthesis & Cellular Respiration and Human Systems. Biology 30 emphasizes adaptation and change and covers Nervous & Endocrine Systems, Reproduction & Development, Cell Division, Genetics & Molecular Biology and Population & Community Dynamics.

### Chemistry 20-30

This program sequence is designed to study matter and its changes. Chemistry 20 students explore the Diversity of Matter and Chemical Bonding, Forms of Matter: Gases, Solutions, Acids & Bases and Quantitative Relationships in Chemical Changes. Chemistry 30 examines Thermochemical Changes, Electrochemical Changes, Chemical Changes of Organic Compounds and Chemical Equilibrium Focusing on Acid-Base Systems.

### Physics 20-30

This program sequence begins in Physics 20 with a study of Kinematics, Dynamics, Periodic Motion and Conservation of Energy. Physics 30 students study Momentum & Impulse, Forces & Fields, Electromagnetic Radiation and Atomic Physics. It is recommended that students should have successfully completed Math 20-1 or Math 20-2 prior to taking Physics 20 or 30.



### Science Complementary Courses

#### Forensic Studies 25/35

**Pre-requisite: Science 10**

**Additional Fee Required \$20**

This program sequence begins in Forensics 25 with a study of crime scenes, physical evidence, microscopic trace evidence, body fluid evidence, DNA, document analysis, polygraph testing, and alcohol's involvement in crimes. Forensics 35 students will study fire investigation, forensic accounting, forensics in technology areas, forensic pathology, forensic anthropology, forensic entomology, forensic odontology, forensic psychology, and forensic psychiatry.

# PHYSICAL EDUCATION

## Physical Education 10-20-30

**Physical Education 10 pre-requisite: None**

**Physical Education 20, 30 pre-requisites: Previous Levels**

**Additional Fee Required for PE 20/30: \$78**

In this program sequence students develop knowledge, skills, and attitudes necessary to lead active, healthy lifestyles. Students participate in activities from all five dimensions of the PE curriculum: Dance, Games, Flexibility, Activities in an Alternative Environment, and Individual Activities. PE 10 is a compulsory course offered for 3-credits. PE 20 and PE 30 are full semester courses that explore a variety of activities that further develop healthy habits and lifestyles.

## Sports Complementary Courses

### Sports Medicine 10-20-30

**Sports Medicine 10 pre-requisite: None**

**Sports Medicine 20, 30 pre-requisite: Previous Level**

**Additional Fee Required \$50**

In this program sequence, students will learn about the various facets of sports injuries, first aid care, training room management and career opportunities related to sports medicine, anatomy and physiology. At the intermediate levels, students continue to study the immediate core, prevention and management of athletic injuries. Areas of study also include taping techniques, anatomy, rehabilitation and the maintenance and administrative skills required to run a training facility. Practicum experiences are required. Sports Medicine at each level is based on a series of 5, one credit courses.

### Sports Performance 10-20-30

**Sports Performance 20, 30 pre-requisites: Previous Levels**

**Sports Performance 10 pre-requisite: None**

**Additional Fee Required \$25**

Students in this program of studies develop their physical abilities in all areas of sport. This course combines theory and practical application in the areas of personal health, wellness, and performance. Topics include proper weight training techniques, current training principles, performance enhancement, sports psychology, nutrition, sports studies, sports injuries, philosophy of sport and personal development through participation in sport. Sports Performance at each level is based on a series of 5, one credit courses.

### Sports Performance Hockey/Ringette 10-20-30

**Sports Performance 20, 30 pre-requisites: Previous Levels**

**Sports Performance 10 pre-requisite: None**

**Additional Fee Required \$350 (to participate in the next level, students must have paid their previous year fee)**

Horseshoe Crossing High School offers a comprehensive hockey/ringette skill development program for all students in grades 10 and 11. Students are provided the opportunity to follow their passion by participating in three training sessions each week during regular school hours. Two classroom sessions are provided to reinforce training methodology and provide opportunities for leadership and coaching. Through this combination of rigorous academic and athletic programs, aspiring athletes are taught the skills necessary for success on and off the ice.

**Yoga 15-25-35****Yoga 15 pre-requisite: None****Yoga 25-35 pre-requisites: Previous Levels****Additional Fee Required \$25**

Yoga 15 is an introduction to the poses, postures and breathing techniques of Yoga. This course is designed to develop strength, flexibility and relaxation in students. This course is designed for students who are interested in combining disciplined physical training with breath work in order to improve focus, reduce stress and anxiety, increase flexibility, and promote overall wellbeing. As Yoga is a very individualized practice, all students will be encouraged to challenge themselves at their own level. No experience in Yoga is required to take Yoga 15.

## **CAREER & LIFE MANAGEMENT (CALM)**

CALM is a compulsory course every student must take at some point during high school about the practical responsibilities of adulthood. In this course students will learn about and build upon personal strengths. They will discuss issues relevant to their lives that deal with self-awareness, communication, well-being, relating to others, careers and living independently. Learners will be required to complete an Employability Skills Portfolio which will help to assess skills and plan for the future. CALM 20 may also include consumer and investment choices, entrepreneurship, dealing with crises, and human sexuality.

## **LEADERSHIP 10-20-30**

**Leadership 10 pre-requisite: None****Leadership 20, 30 pre-requisites: Previous Levels****Additional Fee Required \$35**

The mission of Leadership is to foster a sense of responsibility to the Langdon community. Coordinating with community organizations as well as our feeder schools, students are given the opportunity to give back to their school and community while building leadership skills for their future. Leadership is delivered through single (1) credit CTS courses, usually in a five or six credit combination, within a semestered course at each grade level.

## **FINE ARTS**

### **Art 10-20-30**

**Art 10 pre-requisite: None****Art 20-30 pre-requisites: Previous Levels****Additional Fee Required \$70**

Art education is the process of learning artistic expression, inclusive of mediums and compositions for artwork, and different movements and styles throughout art history. Practical and theoretical knowledge; teaching how to create artwork, use different tools, and an appreciation for the work others create allows students to have a broader range of knowledge to bring to their own artistic expression.

## **Drama 10-20-30**

**Drama 10 pre-requisite: None**

**Drama 20-30 pre-requisites: Previous Levels**

**Additional Fee Required Drama 10 & 20 - \$25, Drama 30 - \$30**

Students will develop dramatic skills acquired in previous years through assuming roles, exploration of dramatic situation and reflection on the outcome. All students will learn theatre studies, technical theatre, speech, movement, improvisation and acting. In Drama 20, the discipline of playwriting is explored and in Drama 30, students will learn the skills associated with and direct their own performance. Emphasis is placed on the development of the student as a creator, performer, historian, critic and patron. Teamwork is essential as students participate in non-competitive, cooperative, supportive, joyful, yet challenging dramatic study. Public performances, as they occur, are **MANDATORY**.

## **Instrumental Music 10-20-30 (Band)**

**Instrumental Music 10 pre-requisite: Music 9 or permission of Director**

**Instrumental Music 20, 30 pre-requisites: Previous Levels**

**Additional Fee Required \$120 Plus Band Rental of \$210 (See note below)**

Students learn a variety of music styles, genres and facets in a wind instrument/percussion setting that promotes full band, ensemble, and solo work. Techniques learned include sight-reading, listening, ear training, composition, and evaluative performance. Skills learned in previous wind instrumental/percussion courses will be further developed. Class times are inside of the regular timetable. Performances and concerts that take place outside of the regular school day, in the evenings and/or on weekends, are a **MANDATORY** part of this course. Students registering must be prepared to meet this obligation.

Instrumental Music can be a full year course that meets every day in both Semester 1 and Semester 2. Students earn 5 credits in Instrumental Music 10, 20 or 30 and 5 credits in Band 15, 25 or 35.

**Note:** A band instrument rental fee of **\$210 (\$30 for percussion)** is applicable to students registered in a band program who rent a musical instrument. Large instruments (i.e. tuba, baritone, French horn, tenor/baritone sax, bass clarinet, percussion) can be rented; all other instruments must be acquired by the student.

## **CAREER AND TECHNOLOGY STUDIES (CTS) COURSES**

### **Construction 10-20-30**

**Construction 10 pre-requisite: None**

**Construction 20-30 pre-requisites: Previous Levels**

**Additional Fee and Safety Equipment Required Construction 10 - \$60; Construction 20/30 - \$80**

Construction concentrates on hands-on, work-related experiences. Safety, quality of work and productive work are emphasized. Students will develop skills in communication, managing information, the use of numbers, solving problems, safe work practices, and teamwork skills while developing positive attitudes and behaviours. Students will demonstrate responsibility, adaptability, and continuous learning. The equipment, techniques, materials and processes are, as far as possible, the current ones found in industry. As per industry standard, all students must wear proper eye protection while in the shop areas. Students can select available courses from any level they are eligible for in any Introductory, Intermediate or Advanced level course. Intermediate and Advanced courses require pre-requisites.

## **Creative Writing 15-25-35**

See page 10 (English Complementary Courses) for course information. Additional Fee Required \$25

## **Design Studies 10-20-30**

**Design Studies 10 pre-requisite: None**

**Design Studies 20 /30 pre-requisite: Previous Levels**

This course gives students the opportunity to explore their interests and potential in a vast number of careers with two major fields: Design and New-Media. Students will be exposed to some fundamental skills required to become and architect, draftsperson or engineer, an interior designer, graphic designer, product or environmental designer.

## **Fabrication 10-20-30**

**Fabrication 10 pre-requisite: None**

**Fabrication 20-30 pre-requisites: Previous Levels**

**Additional Fee: Fabrication 10 - \$60; Fabrication 20/30 - \$80**

Dive into the world of metal fabrication with this hands-on course designed for beginners and those looking to refine their skills. Learn essential safety protocols and master the use of basic hand tools while exploring fabrication principles. Students will gain practical experience with MIG, TIG, and stick welding, developing the skills to cut, shape, and join metal with confidence.

## **Food Studies 10-20-30**

**Food Studies 10 pre-requisite: None**

**Food Studies 20-30 pre-requisites: FOD1010 Food Basics (1 credit module)**

**Additional Fee Required Foods 10 - \$50; Foods 20/30 - \$80**

This program sequence expands student knowledge and understanding of the nature of food and nutrition through personal and home-style cooking. From the Introductory, through Intermediate and Advanced, all levels of the program work to develop the skills, techniques and knowledge needed to prepare and present food for self and others. This Career and Technology Studies course explores ideas and techniques to create a relationship with food.

## **Forensic Studies 25/35**

See page 14 (Science Complementary Courses) for course information. Additional Fee Required \$20

## **Hairstylist Apprenticeship (Cosmetology)**

**Hairstylist Apprenticeship 10 pre-requisite: None\***

**Hairstylist Apprenticeship 20-30 pre-requisites: Previous Levels**

**Additional Fee Required \$20 (10), \$40 (20, 30)**

The Horseshoe Crossing Cosmetology program is in its foundational phase. With enough student interest over time, the goal is to design the program around the Alberta Apprenticeship Program for the Hairstylist Trade. Eventually, students who complete all the credits in this program and are enrolled in the Registered Apprenticeship Program will be eligible to challenge the First Period Apprenticeship exam and be halfway to becoming a Journey person Hairstylist upon high school graduation. Students will learn how to style hair, perform haircuts, various barbering techniques and other skills related to the trade.

**\*Please note that Cosmetology 9 is NOT a prerequisite for the high school Hairstylist Apprenticeship CTS class.**

**Students will be able to enter in grade 10 whether or not they have taken it at the middle school level as they are independent programs.**

## **Mechanics 10-20-30**

**Mechanics 10 pre-requisite: None**

**Mechanics 20-30 pre-requisites: Previous levels**

**Additional Fee Required \$80**

Students don't need to become a mechanic to learn about their own vehicle. This course is for those who want to learn about cars, how they work, and what to do when they don't. Mechanics is designed to be challenging enough for those considering a career in mechanics and engaging for those who just want some knowledge on how to purchase and maintain their car. We cover many topics ranging from installing stereos to rebuilding engines.

## **Mechanics – Cam Clark Ford/Airdrie Learning Centre**

See page 23 for information.

## **Philosophy 20-30**

See page 11 (Social Sciences Complementary Courses) for course information.

## **Photography 10-20-30**

**Photography 10 pre-requisite: None**

**Photography 20-30 pre-requisites: Previous Levels**

**Credits Additional Fee Required \$50**

This program teaches students the fundamental skills of DSLR photography, composition, photo editing, digital darkroom skills and compositing. We explore photography through a variety of fun and challenging projects. However, photography is just one facet of this program. Students will also learn the design process and will work on graphic design projects that require critical thinking skills, creativity and the ability to effectively communicate in a variety of mediums. Students will learn how to use industry standard Adobe software and will create print projects for many different purposes. Each year we build upon the skills sets from the year before and by the time students are finished the courses, they will have a strong portfolio for either the workplace or post-secondary.

## **Robotics 10-20-30**

**Robotics 10 pre-requisite: None**

**Robotics 20-30 pre-requisites: Previous Level Credits**

**Additional Fee Required \$50**

This course will introduce students to engineering design, drafting and computer programming. Throughout the course students will complete a series of design challenges utilizing Computer Aided Design (CAD) technologies and programming. This course is a great introduction to careers in STEM and is an excellent complementary course for students interested in science, engineering, and technology!

## **Sports Medicine 10-20-30**

See page 15 (Sports Complementary Courses) for course information. Additional Fee required: \$50.

## **Sports Performance 10-20-30**

See page 15 (Sports Complementary Courses) for course information. Additional Fee required: \$25.

## **Sports Performance Hockey/Ringette 10-20-30**

See page 15 (Sports Complementary Courses) for course information. Additional Fee required: \$350.

## **Yoga 15-25-35**

See page 16 (Sports Complementary Courses) for course information. Additional Fee required: \$25.

## **Wildlife (Outdoor Education) 10/20/30**

### **Additional Fee Required \$20**

The outdoor education program teaches students about wildlife, agriculture, and outdoor health care services for animals and people. Students will get hands-on experience with outdoor survival skills and cooking, learning about animals, and taking care of them. They will explore different topics like tracking wildlife, growing crops, and basic health care in outdoor settings. This course is a great way to learn new skills while spending time in the great outdoors!

## **LEARNING SUPPORT**

Learning Support is designed to support the diverse learning needs of Grades 9 to 12 students. Students requiring support are taught skills and strategies to better understand their individual learning needs. For students with a Student Success Plan (SSP), specific goals and objectives are implemented and reviewed yearly. Additional support is provided through accommodations such as Text to Speech (reading support), Speech to Text (writing support), scribes (for medical disabilities) or access to a computer. Other accommodations include separate test settings and/or extended time for all tests and examinations.

In our endeavor to support all of our students, our Learning Support Centre allows for both registrations and drop-in services. Students can access assistance with respect to life skills, course support, organization, exam preparation, writing strategies, study skills, and assistive technology among other services. The Learning Support Centre will also support students by having a quiet place to write a missed exam or quiz. All students are encouraged to access these services and supports as required.

## **WECONNECT**

WeConnect is the opportunity for students to work independently on an on-line course. This program is designed for students who want to take a course that is not offered at the school, a student who has a timetable conflict, or any other extenuating circumstances. In order to be successful in WeConnect, students must be able to work independently on course material. Students will develop skills in responsibility, adaptability, and decision-making.



## OFF CAMPUS EDUCATION

Off Campus Education includes Work Experience, RAP (Registered Apprenticeship Program) and Green Certificate. These courses provide learning experiences outside the scope of the curriculum. Off-Campus Education is an opportunity for student to explore and expand their skills, knowledge and career interests. Students focus on building employability skills to assist them as they transition from high school into the world of work. Please visit the Work Experience Coordinator (Rm 1001) for more information.

### HCS3000 – Workplace Safety Systems

This 1-credit CTS course is a pre-requisite for both Work Experience and RAP. Students gain the knowledge, skills and attitudes related to workplace health and safety and examine relevant legislation required in the workplace.

### HCS3010 – Workplace Safety Practices

This 1-credit CTS course is a co-requisite for RAP students. Students explore workplace safety principles and practices and apply these principles and practices to a variety of contexts.

### Work Experience 15-25-35

The Work Experience Program is designed to provide students with an opportunity to explore careers while practicing and developing skills in a real working environment. Work Experience students earn between five (5) and fifteen (15) credits depending on the number of eligible hours they work. **Work experience is not intended to replace a course within the regular expected course load.** Of Special note: Work Experience is an excellent way to boost your Grade Point Average to be eligible for the Alexander Rutherford Scholarship.

### Registered Apprenticeship Program (RAP) 15-25-35

The Registered Apprenticeship Program (RAP) is a way for registered high school students to become apprentices and earn credits toward an apprenticeship program and a high school diploma at the same time. Students complete one Work Experience course before registering for RAP. Students enrolled in the RAP program can earn anywhere from five (5) to twenty (20) credits.

## GREEN CERTIFICATE

A unique relationship between Alberta Agriculture and Food, and Alberta Education allows for the Green Certificate Program to successfully provide farm training to students. There are 8 specializations within Agriculture Production for students to choose from. Students interested in these courses need to discuss their intention with the Off-Campus Education Coordinator in the Career Centre (Rm 1007). A deposit of \$300 is required to take the program, refundable upon completion of the certificate.

## KNOWLEDGE & EMPLOYABILITY (K&E) COURSES

Knowledge and Employability courses are available to students in grades 10 through 12 who meet specific criteria. Completion of these courses will result in the student achieving their Certificate of High School Completion. See page 8 for details of the requirements. These courses are intended to provide students with opportunities to experience success and become well prepared for employment, further studies, active citizenship and life-long learning. Knowledge and Employability courses include and promote: a) workplace standards for academic, occupational, and employability skills, b) practical applications through on- and off-campus experiences and/or community partnerships, c) career development skills to explore careers, assess career skills and develop a career-focused portfolio, d) and interpersonal skills to ensure respect, support and cooperation with others at home, in the community and at the workplace.

Knowledge and Employability courses are designed to provide entry-level employment skills. Some students may transition successfully from Knowledge and Employability courses to other courses to achieve a high school diploma, or to post-secondary opportunities (e.g. some colleges, some apprenticeship programs). Reviewing each student’s learning plan on an annual basis will assist in adjusting their goals and courses as needed. Please see the School Counselling Department for more information about Knowledge and Employability courses.

## CERTIFICATE OF SCHOOL COMPLETION

The Certificate of School Completion in special education can be awarded to a student with significant cognitive disabilities who meets the qualification criteria listed below. Students must be nominated by the Principal of the school.

- By the end of the current school year, the nominee has been a student for at least twelve years (and is 17 years of age by March 1 of the current year).
- The school year in which the nomination is being submitted is the student’s last year of school programming.
- This student has a significant cognitive delay, has participated in special education programming and has been identified with one of the following special education codes at the time of school completion: 41, 43, 44, 52
- The student has worked toward goals and objectives in an individualized program plan consistent with the requirements of Alberta Education
- This student does not have credits in any of the following High School courses: English, Math, Science, Social

Due to significant cognitive disabilities, this student is not able to achieve any of the following certificates or diplomas, and has not completed any courses toward achieving any of them:

- Alberta High School Diploma
- High School Equivalency Diploma
- Certificate of High School Achievement (K&E)

The school verifies that credits achieved by this student have not been applied to a Diploma or Certificate of High School Achievement (K&E).

Sample K&E Program		
Grade 10	Grade 11	Grade 12
English 10-4	English 20-4	English 30-4
Math 10-4	Math 20-4	
Science 10-4	Science 20-4	
CALM/PE		
CTS 10	CTS 20	CTS 30

## SHARED PROGRAM CHOICES

### Mechanics Training Centre – Cam Clark Ford/Airdrie Learning Centre

#### **Additional Fee Required**

This program is located at the Cam Clark Ford dealership. Students are required to arrange transportation to Airdrie. This is a partnership program that is supported by the dealership directly and Ford of Canada indirectly. We offer students the opportunity to work with up-to-date equipment and late model vehicles in a 'working' situation. Students can also work on their own vehicle as it applies to their abilities and course work. Prior mechanical experience is not required, but students need to have a positive work ethic and a willingness to learn. This is a half day program.

### **RVS Leadership Academy**

The Rocky View Schools Leadership Academy (RVSLA) is a division-wide student leadership program that offers a full year 5 credit Special Projects course for RVS students in grades 10, 11, or 12. The mission of RVSLA is to empower students to deepen their sense of self and broaden their network of connections in RVS and beyond. This program is delivered outside of the regular timetable and offers a blended learning environment in which students connect during both in-person workshops and online videoconferences over the course of the school year. Students learn from the expertise of practicing business and community leaders through off-site trips or guest presentations. Students develop skills in self-directed learning, collaboration, and communication and present an "exhibition of learning" at the program's annual Connect Summit event. For more information, visit the [RVSLA website](#).

## HCHS 2025-2026 GRADE 10-12 HIGH SCHOOL COURSE OFFERINGS

10 Level	Credits	20 LEVEL	Credits	30 Level	Credits	ADVANCED/OTHER	Credits
English 10-1	5	English 20-1	5	English 30-1	5	Creative Writing 15/25/35	5 (ea. level)
English 10-2	5	English 20-2	5	English 30-2	5		
English 10-4	5	English 20-4	5	English 30-4	5		
Math 10C	5	Math 20-1	5	Math 30-1	5	Math 31 (Calculus)	5
Math 15	5	Math 20-2	5	Math 30-2	5		
Math 10-3	5	Math 20-3	5	Math 30-3	5		
Math 10-4	5	Math 20-4	5				
Science 10	5	Science 20	5	Science 30	5	Forensic Studies 25/35	6
		Biology 20	5	Biology 30	5		
		Chemistry 20	5	Chemistry 30	5		
		Physics 20	5	Physics 30	5		
Science 14	5	Science 24	5				
Science 10-4	5	Science 20-4	5				
Social 10-1	5	Social 20-1	5	Social 30-1	5	Philosophy 20/30	6
Social 10-2	5	Social 20-2	5	Social 30-2	5		
Social 10-4	5	Social 20-4	5				
Phys. Ed 10	3	Phys. Ed 20	5	Phys. Ed 30	5	Sports Medicine 10/20/30	5
						Sports Performance 10/20/30	5
						Sports Performance Hockey/Ringette 10/20/30	5
						Yoga 15/25/35	3 or 5
CALM	3						
Art 10	3	Art 20	5	Art 30	5		
Band 15	5	Band 25	5	Band 35	5		
Construction. Tech 10	5	Construction Tech 20	5	Const Tech 30	5		
Creative Writing 15	3	Creative Writing 25	5	Creative Writing 35	5		
Dance 10/20/30	3						
Design Studies 10	3	Design Studies 20	5	Design Studies 30	5		
Drama 10	5	Drama 20	5	Drama 30	5		
Fabrication 10	3	Fabrication 20	5	Fabrication 30	5		
Foods 10	5	Foods 20	5	Foods 30	5		
Hairstylist Apprenticeship 10 (Cosmetology)	3	Hairstylist Apprenticeship 20 (Cosmetology)	5-8	Hairstylist Apprenticeship 30 (Cosmetology)	5-8		
Instrumental Music 10	5	Instrumental Music 20	5	Instrumental Music 30	5		
Leadership 10	5	Leadership 20	5	Leadership 30	5		
Mechanics 10	5	Mechanics 20	5	Mechanics 30	5		
Photography 10	5	Photography 20	5	Photography 30	5		
Robotics 10	5	Robotics 20	5	Robotics 30	2		
Wildlife 10/20/30	5						
Work Experience 15	10	Work Experience 25	10	Work Experience 35	10	Registered App Program (RAP)	varies
Yoga 15	3	Yoga 25	3 or 5	Yoga 35	3 or 5		

**\*All complementary courses must have sufficient enrollment to be included in the timetable.**

