

# **CHESTERMERE HIGH SCHOOL**

## **COURSE CALENDAR**



Updated MARCH 2016

## ADMINISTRATION

Principal . . . . .Mr. J. Fenton  
 Assistant Principal . . . . Ms. W. Ruzicka  
 Assistant Principal . . . . .Mr. B. Legault

Administrative Assistant Student Records. . .Ms. K. Pollock  
 Administrative Assistant Attendance . . . . .Ms. E. Wolfenden  
 Administrative Assistant Finance . . . . .Ms. L. Zarembo  
 Administrative Assistant Reception . . . . .Ms. T. Collier

### Address

R.R. #7 Calgary, AB T2P 2G7

Tel: 403-272-8868

Fax: 403-272-9112

Email: [chesthg@rockyview.ab.ca](mailto:chesthg@rockyview.ab.ca) Website: <http://chestermerehg.rockyview.ab.ca/>

## GENERAL INFORMATION

The purpose of this calendar is to provide students and parents with the information necessary to make thoughtful course selections.

**It is the responsibility of each student, in consultation with parent/guardian, to ensure that he/she completes the necessary sequence of courses leading to graduation and the entrance requirements of the post- secondary institution of choice are met.**

All students will have myBlueprint accounts to assist with setting goals, tracking high school diploma requirements and exploring post-secondary options. Guidance and Career Counsellors use myBlueprint to gather information on student needs and interests. It facilitates planning by ensuring that your educational interests and aspirations are known by school staff! The interactive component of myBlueprint provides students with an opportunity to plan their education.

It is highly customized to meet curriculum and learning outcomes and to build on opportunities and experiences, related to occupational interests. Students build a forward “What if” plan that encourages students to explore options to meet their needs and interests. Explore a wealth of information on post- secondary opportunities across Canada based on personal preferences and saved high school plans. Compare options side-by-side to save time and make the most informed decisions about the future. Head to [www.myblueprint.ca](http://www.myblueprint.ca) to explore your account and discover your future.

The course descriptions on the following pages are intended as a guide to assist students and parents in selecting courses for programs. Some courses must be taken to meet the requirements of the Alberta Education while others will be chosen to meet individual interests and goals. Counsellors will assist students in the selection of their courses.

While we try to give students their first choice of course selection, this is not always possible. Students should be prepared with alternative choices.

Please note that not all courses included in this booklet will be available each and every school year.

Chestermere has two School Counsellors available to all students. Counsellors work with students to plan timetables, correct schedule problems, apply to post-secondary institutions, research scholarships, and to pursue career options. Our Counsellors’ main goal is to help students at all levels plan for success. Counsellors also help students deal with personal concerns such as depression, anxiety, family relationships, and peer and social relationships. Students with last names A-Lay should see Ms. Allan and students with last names Le-Z should see Ms. Guitard to make an appointment. Our counsellors are also available to speak with parents regarding home, emotional, and behavioral concerns for students.

## COUNSELLORS

Ms. B. Allan . . . . . (A-L)

Ms. M. Guitard . . . . . (M-Z)

## ALBERTA HIGH SCHOOL DIPLOMA: GRADUATION REQUIREMENTS (ENGLISH)

The requirements indicated in this chart are the minimum requirements for a student to attain an Alberta High School Diploma. The requirements for entry into post-secondary institutions and workplaces may require additional and/or specific courses.

100 CREDITS  
including the following:

ENGLISH LANGUAGE ARTS – 30 LEVEL

(English Language Arts 30-1 or 30-2)

SOCIAL STUDIES – 30 LEVEL

(Social Studies 30-1 or 30-2)

MATHEMATICS – 20 LEVEL

(Mathematics 20-1, Mathematics 20-2 or Mathematics 20-3)

SCIENCE – 20 LEVEL <sup>1</sup>

(Science 20, Science 24, Biology 20, Chemistry 20 or Physics 20)

PHYSICAL EDUCATION 10 (3 CREDITS) <sup>2</sup>

CAREER AND LIFE MANAGEMENT (3 CREDITS) <sup>3</sup>

10 CREDITS IN ANY COMBINATION FROM:

- Career and Technology Studies (CTS) courses
- Fine Arts courses
- Second Languages <sup>4</sup> courses
- Physical Education 20 and/or 30
- Knowledge and Employability courses
- Registered Apprenticeship Program courses
- Locally developed/acquired and authorized courses in CTS, fine arts, second languages or Knowledge and Employability occupational courses <sup>5</sup>

10 CREDITS IN ANY 30-LEVEL COURSE  
(IN ADDITION TO A 30-LEVEL ENGLISH LANGUAGE ARTS  
AND A 30-LEVEL SOCIAL STUDIES COURSE AS SPECIFIED ABOVE) <sup>6</sup>

These courses may include:

- 30-level locally developed/acquired and authorized courses
- Advanced level (3000 series) in Career and Technology Studies courses
- 30-level Work Experience courses <sup>7</sup>
- 30-level Knowledge and Employability courses
- 30-level Registered Apprenticeship Program courses
- 30-level Green Certificate Specialization courses
- Special Projects 30

Students in Grade 10 and 11 are to have a minimum of 40 credits over the school year. Spares are not granted to students in Grades 10 or 11. Students in Grade 12 must be registered in a minimum of 30 credits over the school year. This does not include work experience.

# Chestermere High School Graduation Check

Name: \_\_\_\_\_

Email: \_\_\_\_\_

Minimum Course Requirements: Using the Course-Mark Inquiry Provided in your booklet please circle the course you have already Completed (min 50% in grades 10 and 11).

\*60% is required to continue in a -1 stream

### Courses being taken in your Grade 12 year (30 credits min)

Minimum Credits	High School Diploma Eligible Courses
15	English 10-1 or 10-2 Gr ____ Cr ____ 20-1 or 20-2 Gr ____ Cr ____ 30-1 or 30-2 Gr ____ Cr ____
15	Social Studies 10-1 or 10-2 Gr ____ Cr ____ 20-1 or 20-2 Gr ____ Cr ____ 30-1 or 30-2 Gr ____ Cr ____
10	Science 10 or Science 14 Gr ____ Cr ____ Science 24 Gr ____ Cr ____ Biology 20 Biology 30 Gr ____ Cr ____ Chemistry 20 Chemistry 30 Gr ____ Cr ____ Physics 20 Physics 30 Gr ____ Cr ____
10	Math 10C or Math 10-3 Gr ____ Cr ____ Math 20-1 or Math 20-2 or Math 20-3 Gr ____ Cr ____ Math 30-1 or Math 30-2 or Math 30-3 Gr ____ Cr ____ Math 31 Gr ____ Cr ____
3	Career and Life Management (CALM) Gr ____ Cr ____
3	Physical Education 10 Gr ____ Cr ____
10	Credits derived from Career and Technology Studies (CTS) or Fine Arts or Second Languages or Physical Education or RAP or Green Certificate. NOT WE or Special Projects List:
10	In addition to English 30-1 or 30-2 and Social Studies 30-1 or 30-2, at least 10 credits must be earned in other Grade 12 (30 level) courses. (Yes, Special Projects 30) List:

Semester 1

Grade/Cr

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Semester 2

Grade/Cr

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Credits from Grade 10/11 \_\_\_\_\_  
 Grade 12 Semester 1 \_\_\_\_\_  
 Grade 12 Semester 2 \_\_\_\_\_  
**Total Credits** \_\_\_\_\_

Career Plan/Goal: \_\_\_\_\_

In order to participate in the Chestermere High graduation ceremony in June a student must:

- Be in a position to earn at least 100 credits and complete (i.e. passing) all course requirements for an AB Diploma by the time of graduation
- Be enrolled in at least 30 credits at CHS and successfully complying with the attendance policy.
- All school fees must be paid

**It is the student's responsibility to ensure he/she meets these requirements. If you make any changes to this plan, you must notify the school counselor.**

Student Signature: \_\_\_\_\_

Parent Signature: \_\_\_\_\_

CERTIFICATE OF HIGH SCHOOL ACHIEVEMENT REQUIREMENTS (ENGLISH)
The requirements indicated in this chart are the <u>minimum</u> 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 <sup>①</sup> including the following:
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 CREDITS) <sup>②</sup>
CAREER AND LIFE MANAGEMENT (3 CREDITS) <sup>③</sup>
5 CREDITS IN
<ul style="list-style-type: none"> <li>• 30-level Knowledge and Employability occupational course, or</li> <li>• 30-level Career and 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,<sup>④</sup> or</li> <li>• 30-level Green Certificate course,<sup>⑤</sup> 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<sup>⑥</sup></li> </ul>



## **Examples of University General Studies Requirements**

**University of Calgary :**

<http://www.ucalgary.ca/admissions/process/open>

**University of Alberta:**

<http://www.registrarsoffice.ualberta.ca/Special-Registrations/Open-Studies.aspx>

**University of Lethbridge:**

<https://www.uleth.ca/ross/registration/register/open-studies>

**Mount Royal University:**

<http://www.mtroyal.ca/Admission/AdmissionRequirements/Fall2010.htm>

## **College General Studies Requirements**

**SAIT:**

<http://www.sait.ca/programs-and-courses/full-time-studies.php>

**ACAD:**

<https://acad.ca/future-students/how-apply-masters-degree/mfa-admission-requirements>

**NAIT:**

<http://www.nait.ca/33889.htm>

**Bow Valley:**

<http://www.bowvalleycollege.ca/search-results.html?q=admission&x=0&y=0>

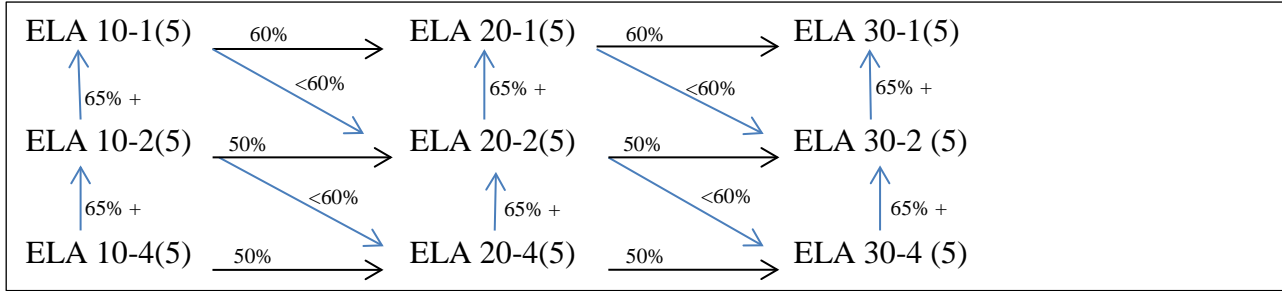
## **Learning Support Programs**

**Chestermere High School offers three levels of support: In class support; Learning Support Center and Life Skills Programming.**

**Learning Support teachers support student programming both within the classroom and in alternative settings. Students who require support with their learning can advocate to use the Learning Support Center to access a small group learning environment. Accommodations which are supported may include extra time, quiet space, reader, scribe, alternate space, audio version of assignments, vision/hearing accommodations and assistive technology.**



## ENGLISH



Chestermere's English program provides students with the opportunities to develop a solid foundation in their study of English language and literature. Not only does the program encourage enjoyment and appreciation of language and literature; it affords students the opportunities to acquire the tools, techniques, and strategies which will enable them to convey their understanding of what they hear, read, and see, as well as express their ideas, thoughts, and feelings clearly and coherently.

### **ENGLISH 10 - 1 (ELA 1105) (5 credits)**

Recommended prerequisite 60% or exceeding expectations in LA9.

This course serves as the entry point prerequisite for English 20-1 and English 30-1 and acceptance to all post-secondary study. Students will analyze and comprehend various literary works including a Shakespearean or modern play, film and media, a novel, short stories, and poetry. Upon completion of these courses, students should be able to:

- Identify a variety of texts & genres through recognizing terminology & tone, including purpose & intended audience.
- Describe the relationship between text & context as well as how environment can affect the way in which text is created.
- Use reference strategies & technologies, together with creation of own materials.
- Respond personally & analytically to ideas developed in literature, while judging the effectiveness of text and how values can affect meaning.
- Develop, edit & present their own text, including written, visual & oral elements, while actively reviewing thematic support, matters of choice & plausibility.

### **ENGLISH 20 - 1 (ELA 2105) (5 credits)**

It is recommended that students have completed English 10-1 with 60%, OR English 20-2 with 70%, for optimal student success.

### **ENGLISH 10 - 2 (ELA 1104) (5 credits)**

This course serves as the entry point prerequisite for English 20-2 and English 30-2, which is the culmination of an English stream that helps students build functional language arts skills and an appreciation for all forms of literature. Students will develop their writing, comprehension, oral and presentation skills by:

- Identifying various forms of communication, their purposes & intended audiences.
- Comprehending literature & developing a daily practice of reading.
- Recognizing imagery or symbolism & identifying thematic elements.
- Distinguishing language & ideas used to create irony & theme.
- Appreciating the artistry of communication & assessing their own responses & reasoning.
- Producing various forms of original text, with personal response &/or analysis.

### **ENGLISH 20 - 2 (ELA 2104) (5 credits)**

It is recommended that students have completed English 10-2 with 50%, OR English 10-1 with 25%, for optimal student success.

### **ENGLISH 30 – 1 (ELA3105) (5 credits)**

It is recommended that students have completed English 20-1 with 60%, OR English 30-2 with 70%, for optimal student success.

This is a **demanding** program designed for students with strong reading and communication skills and an interest in literature. Successful completion of English Language Arts 30-1 is a requirement for entrance to most university and some other post-secondary programs. Students should be able to:

- Become actively involved with literature, using effective strategies for appreciation, understanding and critical response
- Write effectively, using a variety of techniques and styles to suit the purpose and audience.
- Speak clearly and effectively in a group and for an audience
- Evaluate, use and appreciate visual communication.
- Listen actively for theme, ideas and details,
- Being aware of the purpose of the communication.

A variety of approaches and resources are used in achieving the goals of each course. The content may be taught through literary genres, such as novels, short stories, essays, poetry and drama – Shakespearean and/or modern, or through the thematic approach that incorporates a variety of genres in the unit. Resources are selected from the approved provincial material guides. English 30-1 is not a course for students who do not have a strong understanding of the basic skills of the six English Language Arts strands.

### **ENGLISH 30 - 2 (ELA 3104) (5 credits)**

Students must have completed English 20-2 with 50%, OR English 20-1 with 25%.

This program is designed to help students build confidence as they develop their English language arts 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. Students should be able to:

- recognize that the study of literature can fulfill a variety of goals, including reading for information, for understanding, for appreciation and for enjoyment
- write clearly in a manner appropriate to the occasion and grade level, using effective
- prewriting, researching, organizing and revising strategies
- communicate effectively in groups and for an audience
- prepare students
- understand and evaluate the message and the components that create the message in visual communication
- using the active process of listening to evaluate the spoken message, being aware of the tone, purpose and validity of spoken communication.

### **ENGLISH AS A SECOND LANGUAGE (ESL)**

ESL 10- Level 1

ESL 10- Level 2 (ESL 1121) (5 credits)

ESL 10- Level 3 (5 credits)

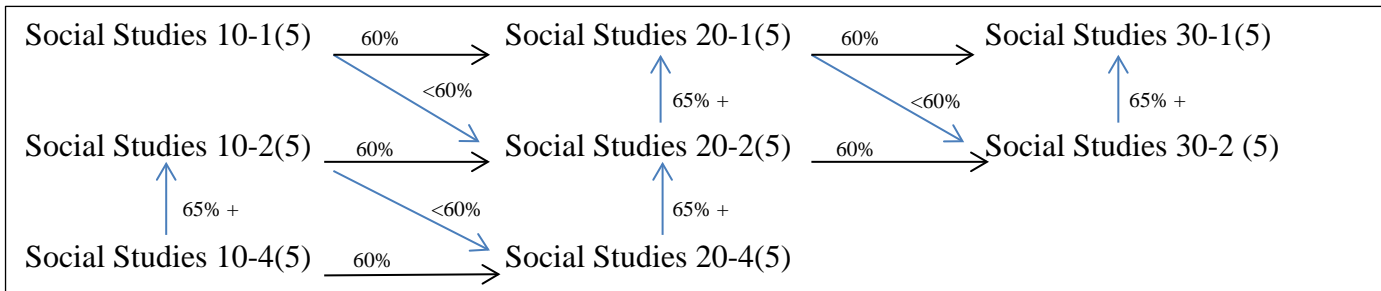
ESL 10- Level 4 (ESL 1123)(5 credits)

ESL 10- Level 5

Students will use spoken and written English to:

- gather, interpret and communicate information
- establish and maintain relationships
- make decisions, solve problems, and plan and carry out projects
- explore, respond to and extend ideas and experiences.

## SOCIAL STUDIES



### SOCIAL STUDIES 10-1 (SST 1771) (5 credits)

Recommended that students have completed Social Studies 9 with 60% or exceeded expectations.

- *Perspectives on Globalization*

Students will explore multiple perspectives on the origins of globalization and the local, national and international impacts of globalization on lands, cultures economies, human rights and quality of life. Students will examine the relationships among globalization, citizenship and identity to enhance skills for citizenship in a globalizing world. The infusion of multiple perspectives will allow students to examine the effects of globalization on peoples in Canada and throughout the world, including the impact on Aboriginal and Francophone communities.

\*Note: Social 10-1 requires a concentrated effort and daily review of content.

### SOCIAL STUDIES 10-2 (SST 1772) (5 credits)

- *Living in a Globalizing World*

Students will explore historical aspects of globalization as well as the effects of globalization on lands, cultures, human rights and quality of life. Students will explore the relationships among globalization, citizenship and identity. The infusion of multiple perspectives will allow students to examine the effects of globalization on peoples in Canada and other locations, including the impact on Aboriginal and Francophone communities. Students will develop skills to respond to issues emerging in an increasingly globalized world.

### SOCIAL STUDIES 20-1 (SST 2771) (5 credits)

Recommended that students have completed EITHER Social Studies 10-1 with 60%, OR Social Studies 20-2 with 70%.

- *Perspectives on Nationalism*

Students will explore the complexities of nationalism in Canada and in international contexts. They will study the origins of nationalism and the influence of nationalism on regional, international and global relations. Examining multiple perspectives will allow students to develop understanding of nationalism and how nationalism contributes to the citizenship and identities of peoples in Canada.

Students must keep the key issue in mind throughout the course: To what extent should we embrace nationalism? A variety of factors will be considered including:

- Global connections
- Power, authority and decision making
- The land: places and people
- Culture and community
- Time, continuity and change
- Economics and resources

\*Note: Social 20-1 requires a concentrated effort and daily review of content.

### **SOCIAL STUDIES 20-2 (SST 2772) (5 credits)**

Students must have completed EITHER Social Studies 10-2 with 50%, OR Social Studies 10-1 with less than 50%.

- *Understandings of Nationalism*

Students will examine historical and contemporary understandings of nationalism in Canada and the world. They will explore origins of nationalism as well as the impacts of nationalism on individuals and communities in Canada and other locations. Examples of nationalism, ultranationalism, supernationalism and internationalism will be examined from multiple perspectives. Students will develop personal and civic responses to issues related to nationalism.

Students must keep the key issue in mind throughout the course: Should we embrace nationalism? A variety of factors will be considered including:

- Global connections
- Power, authority and decision making
- The land: places and people
- Culture and community
- Time, continuity and change
- Economics and resources

### **SOCIAL STUDIES 30-1 (SST 3771) (5 credits)**

Recommended that students have completed EITHER Social Studies 20-1 with 65%, OR Social Studies 30-2 with 70%.

- *Perspectives on Ideology*

Students will explore the origins and complexities of ideologies and examine multiple perspectives regarding the principles of classical and modern liberalism.

Students will analyze various political and economic systems and develop understandings of the roles and responsibilities associated with citizenship. Students will explore five key issues in social studies 30-1. To what extent should we embrace an ideology? To what extent should ideology be the foundation of identity? To what extent is resistance to liberalism justified? Should the principles of liberalism be promoted? To what extent should my actions as a citizen be shaped by an ideology?

\*Note: Social 30-1 requires a concentrated effort and daily review of content.

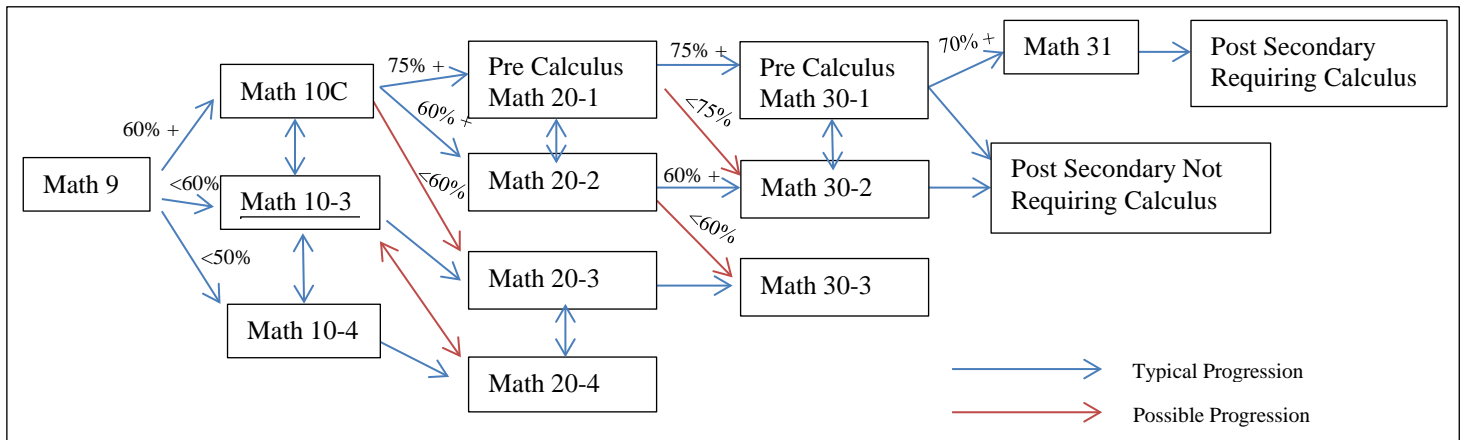
### **SOCIAL STUDIES 30-2 (SST 3772) (5 credits)**

Students must have completed EITHER Social Studies 20-2 with 50%, OR Social Studies 20-1 with less than 50%.

- *Understanding of Ideologies*

Students will examine the origin, values and components of competing ideologies. They will examine multiple perspectives regarding the relationship among individualism, liberalism, common good and collectivism. Students will examine the various political and economic systems in today's world. Students will explore five key issues. Should we embrace an ideology? Should ideology be the foundation of identity? Is resistance to liberalism justified? Should liberalism be promoted in today's world? Should my actions as a citizen be shaped by an ideology?

# MATH



\*Please see <http://alis.alberta.ca/ec/ep/aas/ta/mathreq.html> for math entrance requirements for specific post-secondary institutions.

## Mathematics -1 (Mathematics 20-1 and/or Mathematics 30-1)

- If I want to study mathematics or sciences at 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 such as **CALCULUS**.

## Mathematics -2 (Mathematics 20-2 and/or Mathematics 30-2)

- **If I want to attend a university, 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, some engineering technologies, medical technologies, and some apprenticeship programs.

## Mathematics -3 (Mathematics 10-3, Mathematics 20-3 and/or Mathematics 30-3)

- 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 for apprentices in most trades programs.

## Mathematics -4 (Mathematics 10-4 and/or Math 20-4)

- Meets the requirements for Certificate of Achievement
- estimate and solve problems using numbers, money, decimals, percents, fractions, ratios and proportion in everyday home, workplace and community contexts, using technology as appropriate
- develop and demonstrate number sense to describe quantities, represent numbers in multiple ways and apply appropriate arithmetic operations
- assess the reasonableness of calculations and problem-solving strategies
- communicate mathematically and investigate the application of number concepts and operations in a variety of career and workplace situations, working individually or as a member of a team.

**MATHEMATICS 10C (MAT 1791) (5 credits)**

Students should have met expectations of and/or a mark of 50% or higher in Math 9. To experience success in this course, it is recommended that you have 60% in Math 9 and a strong work ethic.

Students who are concerned about their achievement in Math 9 may benefit from completing Math 10-3 prior to attempting 10C.

Math 10C is the prerequisite course for **all Math -1 and -2 streams**.

The mathematics outcomes are organized into:

- linear functions
- linear characteristics
- factoring
- measurements
- trigonometry
- numeracy

**MATHEMATICS 10-3 (MAT 1793) (5 credits)**

This course is designed for students who achieve less than 50% in Mathematics 9.

This sequence is designed for students whose needs, interests and abilities focus on basic mathematical understanding. The emphasis is on the acquisition of practical life skills, and students are provided with opportunities to improve their knowledge of working with mathematics.

The mathematics outcomes are organized into:

- problem solving
- numeracy
- geometry
- measurement.
- ratio and proportion
- statistics and probability
- graphing

**MATHEMATICS 20-3 (MAT 2793) (5 credits)**

Students must have completed EITHER Math 10-3 with 50%, OR Math 10C with less than 50%.

Successful completion of this course fulfills the minimum requirement in Math for graduation.

Students in Math 20-3 apply mathematics in the contexts of:

- problem solving
- numeracy
- geometry
- measurement
- banking
- personal budgeting

**MATHEMATICS 30-3 (5 credits)**

Students must have completed EITHER Math 20-3 with 50%, OR Math 20-2 with less than 50%.

Students in Math 30-3 apply mathematics in the contexts of:

- problem solving
- measurement
- geometry
- personal and small business finance
- algebraic reasoning
- statistical reasoning
- probability

**MATHEMATICS 20-1 (MAT 2791) (5 credits)**

Recommended that students have EITHER completed Math 10C with 70%, or Math 20-2 with 70%.

The mathematics outcomes are organized into:

- radicals and factoring
- quadratic functions and equations
- transformations
- rational functions and equations
- linear and quadratic systems
- trigonometry
- sequences and series

**MATHEMATICS 30-1 (5 credits)**

Recommended: at least 60% in Mathematics 20-1

The mathematics outcomes are organized into:

- rationals and polynomials
- algebraic and graphical transformations
- exponential and logarithmic functions
- sinusoidal functions
- trigonometric identities
- permutations and combinations

**MATHEMATICS 20-2 (MAT 2792) (5 credits)**

Students must have completed Math 10C with 50%.

To experience success in this course, it is recommended that you have 60% in Math 10C and a strong work ethic.

The mathematics outcomes are organized into:

- radicals
- quadratic functions
- reasoning
- trigonometry
- statistic

**MATHEMATICS 30-2 (MAT3038) (5 credits)**

Recommended is 60% in Mathematics 20-2

The mathematics outcomes are organized into:

- logarithmic and exponential functions
- rational functions
- polynomial functions
- sinusoidal patterns
- logical reasoning
- permutations and combinations
- probability

**MATHEMATICS 31, Calculus (MAT 3211) (5 credits)**

Recommended that students have completed Math 20-1 with 70% AND Pre or Co-requisite Math 30-1.

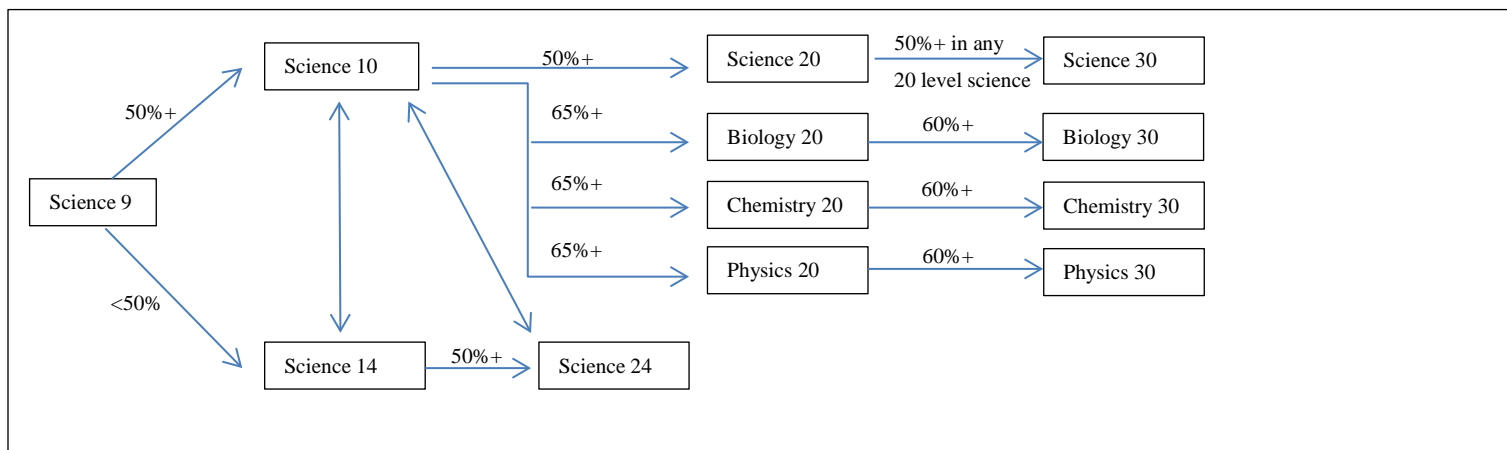
The Mathematics 31 course is designed to introduce students to the mathematical methods of calculus. The course acts as a link between the outcomes of the Math 30-1 program and the requirements of post-secondary programs. The course builds on existing skills in working with functions and expands this knowledge to include the study of limits in preparation for the study of differential and integral calculus. The methods of calculus are applied to problems encountered in the area of science, engineering, business and other fields of endeavor. This course is designed for students entering post-secondary programs with a major in the mathematical & physical sciences, engineering, business and students entering general studies with a

science/business focus. Taking Mathematics 31 will make first year calculus in university one of your easiest courses instead of your hardest course.

Students in Math 31 cover:

Limits, Derivatives and their Applications in Science and Business, Curve Sketching, Derivatives of Trigonometry, Antiderivatives, Area, Integrals, and the history of zero.

## SCIENCE



Successful completion of any 20 level Science fulfills the minimum requirement in Science for graduation (Science 24; Science 20; Biology 20; Chemistry 20; Physics 20)

### **SCIENCE 10 (SCN 1270) (5 credits)**

Recommended that students have completed Science 9 with 60% or exceeding expectations.

This academic course 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 sciences (except 24).**

The four topics covered are:

- Energy and Matter in Chemical Change
- Energy Flow in Technological Systems
- Cycling of Matter in Living Systems
- Energy Flow in Global Systems



**SCIENCE 14 (SCN 1288) (5 credits)**

Students enrolled in Science 14 will actively investigate the properties of a variety of samples of matter, including mixtures and solutions, elements, and compounds encountered in everyday life. Students will gain an understanding that the design of energy transfer technologies also takes into consideration the need for safety and for efficiency as a means of reducing reliance upon non-renewable energy resources. Students will investigate life processes at the organism and system level, and extrapolate these processes to the cellular level. Finally, students will gain an understanding that energy from the Sun sustains living systems and maintains equilibrium in the biosphere.

**SCIENCE 20 (SCN 2270) (5 credits)**

Students must have completed Science 10 with 50%.

This academic course provides students with a unified view of the biological, chemical, physical and earth sciences and an awareness of the connections among them

The four topics covered are:

- Chemical Change
- Changes in Motion
- The Changing Earth
- Changes in Living Systems

**SCIENCE 24 (SCN 2288) (5 credits)**

Students must have completed EITHER Science 14 with 50%, OR Science 10 with less than 50%.

Students enrolled in Science 24 will investigate properties of matter. They will investigate the classification of elements and the properties of mixtures and solutions encountered at home or in the workplace. Students will investigate a variety of important energy conversions occurring in biological, chemical, physical and technological systems. Students will learn about the body's natural defense systems and about medical techniques developed to minimize the risk of exposure to environmental toxins and pathogens. Finally, students will gain an understanding that there is a greater risk of being injured or killed while travelling in a car or other motor vehicle than in other common activities.

**SCIENCE 30 (SCN 3270) (5 credits)**

Students must have completed ONE of Science 20, Biology 20, Chemistry 20 or Physics 20 with 50%.

To experience success in this course, it is recommended that you have 65% in a grade 11 science course and a strong work ethic. It is also recommended that more than 1 grade 11 science course has been attempted.

This academic course provides students with a unified view of the biological, chemical, physical and earth sciences and an awareness of the connections among them

The four topics covered are:

- Living Systems Respond to Their Environment
- Chemistry in the Environment
- Electromagnetic Energy
- Energy and the Environment

The Science 20-30 program is designed for the student who is interested in science but does not require science courses for post-secondary education.

**BIOLOGY 20 (SCN 2231) (5 credits)**

Recommended students have completed Science 10 with 65%.

This academic program explores interactions of living systems with one another and with their environment. In Biology 20, the underlying theme is energy and matter exchange.

The four topics covered are:

- Energy & Matter Exchange in the Biosphere
- Ecosystems & Population Change
- Photosynthesis & Cellular Respiration
- Human Systems

**BIOLOGY 30 (SCN 3230) (5 credits)**

Recommended that students have completed Biology 20 with 65%.

This academic program explores various human systems and principles of heredity. In Biology 30, the emphasis is on interactions between human systems.

The four topics covered are:

- The Nervous & Endocrine Systems
- Reproduction and Development
- Cell Division, Genetics, & Molecular Biology
- Population & Community Dynamics

**CHEMISTRY 20 (SCN 2796) (5 credits)**

Recommended that students have completed Science 10 with 65%.

This academic program will give students an introduction to advanced chemistry. Students will learn how molecules interact with one another, investigate changes in matter, and begin to use practical lab skills to supplement their theoretical knowledge. A solid background in math is recommended for the analytical skills they will use in this course.

The four topics covered are:

- Chemical Bonding
- Gases As A Form of Matter
- Solutions, Acids & Bases
- Quantitative Relationships

**CHEMISTRY 30 (SCN 3796) (5 credits)**

Recommended that students have completed Chemistry 20 with 65%.

This academic program is designed to study matter, energy and its changes. Students, through the study of Chemistry 30, are given an opportunity to explore and understand the natural world and to become aware of the profound influence of chemistry on their lives.

The four topics covered are:

- Organic Chemistry
- Thermochemical Changes
- Electrochemical Changes
- Equilibrium, Acids and Bases in Chemical Changes.

**PHYSICS 20 (SCN 2797) (5 credits)**

Recommended that students have completed Science 10 with 65%.

To experience success in this course, it is recommended that you have 70% in Math 10C.

This academic program introduces students to the study of force and energy changes that occur around us every day. Physics is a very mathematical course.

It is recommended that students have an interest in math and a strong background in algebra.

The four topics covered are:

- Kinematics
- Dynamics
- Circular Motion, Work and Energy
- Oscillatory Motion and Mechanical Waves

## **PHYSICS 30 (SCN 3797) (5 credits)**

Recommended that students have completed Physics 20 with 65%.

To experience success in this course, it is recommended that you have attempted a 20 level Math course.

This academic program is designed to study matter and energy and their interactions. Physics 30 helps students understand the physics principles behind the natural events they experience and the technology they use in their daily lives.

The four topics covered are:

- Momentum & Impulse
- Forces and Fields
- Electromagnetic Radiation
- Atomic Physics

## **PHYSICAL EDUCATION**

The aim of the K-12 Physical Education program is to enable students to develop the knowledge, skills and attitudes necessary to lead an active, health lifestyle. Students will participate in a variety of physical activities including: Dance, Games, Individual games, Team games and various outdoor activities.

### **PHYSICAL EDUCATION 10 (MANDATORY FOR GRADUATION)**

**(PED 14453-3 credits OR PED 14455-5 credit)**

The following learning outcomes are selected from the Grade 10 Physical Education Program of Studies.

- apply and refine locomotor, nonlocomotor and manipulative skills and concepts – effort, space and relationships – to perform and create a variety and activities to improve personal performance
- develop and apply practices that contribute to teamwork
- select and apply rules, routines and procedures of safety in a variety of activities
- obtain CPR certification through the ACT foundation

### **PHYSICAL EDUCATION 20 (5 credits)**

Prerequisite: Physical Education 10

Physical Education 20 has an off campus component for the students to experience different physical activity venues; therefore there is a **fee assessed** for this course. Some off campus activities include: curling, bowling, laser tag, alien in-line and wall climbing. The following learning outcomes are selected for the PE 20 Program of Studies.

- Acquire skills through a variety of developmentally appropriate movement activities: games, dance, aquatics, individual activities and activities in an alternative environment (i.e. Curling rink, Climbing wall)
- Understand, experience and appreciate the health benefits that result from physical activity
- Interact positively with others
- Assume responsibility to lead an active way of life

### **PHYSICAL EDUCATION 30 (5 credits)**

Prerequisite: Physical Education 20

Physical Education 30 has an off campus component for the students to experience different physical activity venues; therefore, there is a **fee assessed** for this course. Some off campus activities include: Golf, Squash, and Curling. The following learning outcomes are selected from the PE 30 Program of Studies.

- Acquire skills through a variety of developmentally appropriate movement activities: games, dance, individual activities and activities in an alternative environment (i.e. Climbing wall, Curling rink)
- Understand, experience and appreciate the health benefits that result from physical activity
- Interact positively with others
- Assume responsibility to lean an active way of life

All PE 30 Students are required to complete 10 hours of leadership activities. This can include the organization of intramurals and scorekeeping teams events to name a few. All activities will be school related.

## CAREER AND LIFE MANAGEMENT (CALM)

### CAREER AND LIFE MANAGEMENT (CALM) (5 credits) (MANDATORY FOR GRADUATION)

The aim of senior high school Career and Life Management (CALM) is to enable student 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. CALM is the core program for health literacy at the senior high school level in Alberta.

The CALM program focuses on personal development in the following areas:

- apply an understanding of the emotional/psychological, intellectual, social, spiritual and physical dimensions of health
- make responsible decisions in the use of finances and other resources that reflect personal values and goals and demonstrate commitment to self and others.
- develop and apply processes for managing personal, lifelong career development.

Included in the CALM course are two modules

- **HCS 3000 – Workplace Safety** (1 credit)  
Students **require this module, as a pre-requisite, to register in any Work Experience credits.** The module reviews some of the concepts learned in CALM and adds new skills in the area of safety, health and work place.
- **Additional 1 credit module** (1 credit)

## ELECTIVE COURSES

### CAREER AND TECHNOLOGY STUDIES

Career and Technology Studies (CTS) is an optional program designed for Alberta's secondary school students. CTS helps junior high and senior high school students to:

- develop skills they can apply in daily living now and in the future
- investigate career options and make effective career choices
- use technology (processes, tools and techniques) effectively and efficiently
- acquire and utilize knowledge, skills and abilities developed in other subject areas
- prepare for entry into the workplace or further learning.

Courses are organized into either 3 or 5 credit blocks. There are fees assessed for some of these courses.



Introductory Level	Intermediate Level	Advanced Level
Basic Tools and Materials Building Construction Project Management Solid Stock Construction Turning Operations Manufactured Materials	Multiple Materials Furniture Making 1 Furniture Making 2 Cabinetmaking 1 Cabinetmaking 2 Manufacturing Systems Product Development	Furniture Making 3 Furniture Making 4 Project 3A Project 3B Project 3C Tool Maintenance

## **COSMETOLOGY**

Completion of 50 credits within the Cosmetology High School Program meets all the schooling requirements for a Hairstylist Journeyman. Once completed 25 credits, it will be possible for students to find work in an apprenticeship setting.

### **COSMETOLOGY 10- Exploration (up to 4 credits) – fee assessed**

This course allows students to explore some introductory modules in cosmetology, and only runs for a quarter semester. Students interested in Cos 20, and completing the modules to become a hairstylist journeyman need to take Cos 10- Apprenticeship.

### **COSMETOLOGY 10- Apprenticeship (up to 7 credits) – fee assessed**

This course runs all semester and provides the introductory modules for professional practices, hair and scalp care, long hair design (updo's and braiding), and skin care. It provides students the opportunity to prepare for Cosmetology related career options.

### **COSMETOLOGY 20 (10 credits, up to 18) – fee assessed**

Prerequisite: Cosmetology 10

Students will continue learning professional practices within the Cosmetology field at the Intermediate level including, scalp treatments, haircutting, hair colour, chemical texturing, hair removal, and make-up. Students may have the opportunity to begin some client services.

Students will continue learning professional practices within the Cosmetology field including, hair color, hair cutting, chemical texturizing and make-up.

Completion of 50 credits within the Cosmetology High School Program completes all the schooling necessary for a Hairstylist Journeyman. Once completed the first 25 credits, it will be possible for students to find work within an apprenticeship setting.

### **COSMETOLOGY 30 A/ COSMETOLOGY 30 B- (25 credits)**

Pre-Requisite: All Cos 20 modules. It is recommended students have 70% in Cos 20 modules.

This course is advanced levels of Cosmetology, with the focus on client services. It runs all year, and when completed would allow students to have the schooling requirements for a Journeyman Hairstylist.

**CULINARY ARTS**  
**CKA 3400**  
**(Professional Cook Trade**  
**Program) (1 credit per module) –**  
**fee assessed**

Students develop skills and abilities in the food service industry as they develop safe and efficient work habits. This is accomplished through working as a brigade and learning the appropriate use of resources and food preparation techniques.

To complete the program successfully students will have opportunities in and out of class to develop and hone their culinary skills. We have three food service venues in our school and students will rotate through the three distinct areas to complete the course.

All levels
Apprenticeship Safety Kitchen Orientation Kitchen Mathematics Fruits and Vegetables Introduction to Baking CKA Practicum A Cooking Proteins 1 Meats and Seafood 1 Stocks and Soups Breads and Cookies Starches and Salads CKA Practicum B Cooking Proteins 2 Meats and Seafood 2 Thickeners and Sauces Breakfast and Dairy Pies and Fillings CKA Practicum C

**ENTERPRISE AND INNOVATIONS**  
**ENT 1010**  
**ENT 2010**  
**ENT 3010**  
**(1 credit per module)– fee assessed**

Ever dreamed of owning your own business? Do you have what it takes? Do you have an idea and wonder if it is marketable? Have you ever looked into entrepreneurship as a career? In this 5-credit course, management and marketing will be integrated with enterprise and innovation concepts. You will brainstorm ideas and turn them into business opportunities. You will then select the best opportunities to plan, organize, and eventually liquidate. If you are a creative, self-motivated, self-directed and responsible learner this is the course for you.

Introductory Level	Intermediate Level	Advanced Level
Challenge and Opportunity Elements of a Venture Plan Enterprise Project A	Analysing Ventures Financing Ventures Marketing the Venture Create the Venture	





## FOOD STUDIES

FOD 1010

FOD 2030

FOD 3010

**(1 credit per module)- fee assessed**

One of every three jobs in Alberta is related to the agriculture or food industry. In a constantly changing society, our food needs will be met in increasingly varied ways. Foods is central to human life. The CTS Foods strand will help students develop knowledge of the nature of food and nutrition, as well as skill in the preparation of a variety of foods. The goal is to create a confident home cook.

Introductory Level	Intermediate Level	Advanced Level
Food Basics Meal Planning 1 Contemporary Baking	Milk and Eggs Stocks, Soups and Sauces Cakes and Pastries Entertaining with Food International Cuisine Food Decisions and Health	Advanced Yeast Breads and Rolls Advanced Soups and Sauces Creative Baking Food Presentation Regional Cuisine Food for Life Stages

## INTRODUCTORY ROBOTICS ENGINEERING (6 credits)

In this course you will build and program robots using microcontrollers, motors and sensors. This is not Lego robotics. You will use an Arduino microprocessor as the brain of your robot, wire it to motors and sensors, and use C++ as the programming language. Through this process you will learn the basics of computer programming, electro-assembly and robotics. The programming and electronics learned in this course teach the introductory skills and concepts to create a very large range of applications such as video game programming, creating interactive art installations, building electronic musical instruments or automating your house.

Fee assessed.

**CSE1110: STRUCTURED PROGRAMMING 1**

**CSE1240: ROBOTICS PROGRAMMING 1**

**ELT1010: ELECTRO-ASSEMBLY 1**

**ELT1030: CONVERSION & DISTRIBUTION**

**ELT1130: ROBOTICS 1**

**ELT1140: ROBOTICS APPLICATIONS**

## LEADERSHIP (Human and Social Services, Health Science)

**(5 credits) HSS 1910**

Fundamental Leadership 1 uses the Connections Program - a Multicultural, Environmental Leadership Program. Successful completion of the course includes participating in the three components of the Connections Program. This includes pre-trip online activities; **students must commit to a four day off-site residential experience at Kamp Kiwanis** followed by post-trip online activities and final project presentation.

### This course is about:

- Making a difference through exciting, **student-driven** projects focused on cultural diversity and anti-discrimination principles.
- Personal leadership growth and relationship building.
- Enhancing the school community by building a safe and caring school environment.
- Reaching out to others in the community through mentorship programs.
- Written reflections and assignments.

### The Connections program encourages students to BE THE CHANGE by:

- Expanding awareness of diversity issues and foster cross-cultural understanding,
- Working together to combat ethnocentrism, stereotyping, racism, prejudice, and discrimination,
- Empowering students to develop and utilize their personal leadership skills to affect positive change, and
- Connecting with the natural environment.

**LEGAL STUDIES****LGS 1010 (Compulsory)****LGS 2000****LGS 3000****(1 credit per module)**

Introductory Level	Intermediate Level	Advanced Level
Students will be presented with basic and practical information about the law and will help develop their knowledge, skills and attitude required to respond appropriately to the effect of the law of their daily lives. <ul style="list-style-type: none"> <li>• You and the Law 1 (Private)</li> <li>• You and the Law 2 (Public)</li> </ul>	Students will be provided with a broad perspective of law and will help further develop their knowledge, skills and attitudes related to career opportunities. <ul style="list-style-type: none"> <li>• Family Law</li> <li>• Labour Law</li> <li>• Law &amp; the Travellor</li> </ul>	These modules demand a higher level of expertise and help prepare students for entry in to the workplace or related post-secondary programs. <ul style="list-style-type: none"> <li>• Negligence</li> <li>• Law and Small Business</li> <li>• Controversy and Change</li> <li>• Criminal Law</li> </ul>

**MANAGEMENT AND MARKETING****MAM 1010****MAM 2010****MAM 3010****(1 credit per module)**

Thinking of owning or managing a business? This course allows the student to learn many aspects of management from how to motivate people, to increasing sales, to creating advertisements and promotions, and setting up retail stores to increase revenues. This course allows students to become successful business people by learning about consumer behavior and the habits of mind that make ordinary people very wealthy and through business ownership and management.

Introductory Level	Intermediate Level	Advanced Level
Marketing and Management Quality Customer Service Project A	Managing for Quality Visual Merchandising Retail Operations Promotion – Print Advertising	

**MECHANICS 10 (3 credit)**

The Mechanics program offers students the opportunity to learn with up-to-date equipment on vehicles in a “working” situation. Through professional instruction and experience, the students will have the ability to work, enhance, and understand how cars function and need to be maintained. This program will be run on site at Chestermere High School.

Students are expected to show consistent effort in both shop work and theory portions of the courses and complete work to a high standard. Regular, punctual attendance is required to complete shop work and receive credits.

Possible employment and sponsorship into apprenticeship through the RAP and work place learning are added benefits to students interested in the mechanics trade.

## **SPORTS MEDICINE 10 (3 or 5 credits) Fee: \$25**

Sports Medicine 10 is a module-based course that offers a logical beginning for those students who are interested in sports medicine fields such as physiotherapy, massage therapy, nursing, medicine, physical education or as an emergency medical technician. At the 10 level students will be educated in the recognition of emergency procedures and immediate care and prevention of basic athletic injuries. They will also study basic anatomy and physiology, and implement various taping techniques. Students will receive *one* credit for each completed CTS module and will be doing at least *three* of the following:

1. **HSS 1010: HEALTH SERVICE FOUNDATIONS**
2. **REC 1020: INJURY MANAGEMENT I**
3. **HCS 1050: MUSCULOSKELETAL SYSTEM**
4. **REC 1030: TECHNICAL FOUNDATIONS FOR INJURY MANAGEMENT**
5. **CSS 2020: FIRST AID & CPR**

## **SPORTS MEDICINE 20 (5 credits) Fee: \$25**

*Pre-requisite:* HSS 1010 Health Services Foundations, REC 1020 Injury Management 1 and REC 1030 Technical Foundations for Injury Management

Sports Medicine 20 is a natural progression of the Sports Medicine 10 program. In this module-based program, students will have the opportunity to gain a more in-depth understanding of the care and treatment of athletic injuries. With the major focus on common sports injuries, it is expected that the students' knowledge of stress tests and assessment of athletic injuries will increase. Students will receive *one* credit for each completed CTS module and will be doing at least *five* of the following:

1. **REC 2020: INJURY MANAGEMENT II**
2. **REC 2030: ANATOMY OF JOINTS**
3. **CCS 2040: INTEGRATIVE HEALTH**
4. **CSS 2020: FIRST AID & CPR**
5. **CCS 1080: COMMUNITY VOLUNTEERISM 1**

## **SPORTS MEDICINE 30 (5 credits) Fee: \$25**

*Pre-requisite:* HCS 1050 Musculoskeletal System & REC 2020 Injury Management 2

Sports Medicine 30 program is a unique and final step in the Sports Medicine progression of courses. In Sports Medicine 30, students will be applying knowledge gained with anatomy and injuries in the past two years to a series of student directed projects and in-class work. This module-based program will combine a focus of anatomy, muscle function and injury with in-depth analysis and discussion on issues in sport that are prevalent in our current national and international sporting culture. Students will receive *one* credit for each completed CTS module and will be doing the following five:

1. **REC 3010: HUMAN MOVEMENT**
2. **REC 3020: INJURY MANAGEMENT 3**
3. **CCS 2080: COMMUNITY VOLUNTEERISM 2**
4. **REC 3910: REC PROJECT D**
5. **HCS 3920: HCS PROJECT E**

## **SPORTS PERFORMANCE 10 (3 or 5 credits) Fee: \$20**

➤ *Students who take this course cannot take Sports Performance Hockey*

Sports Performance 10 is a module-based course that provides students with an opportunity to acquire the knowledge, skills, and attitudes that contribute to the maximization of athletic endeavors. Students will be expected to demonstrate outcomes as they relate to the study of current training principles, performance enhancement and evaluation, and personal development through participation in sport. Students will receive *one* credit for each completed CTS module and will be doing at least *three* of the following:

1. **HSS 1020: NUTRITION & WELLNESS**
2. **REC 1040: FOUNDATIONS OF TRAINING I**
3. **REC 1050: SPORT PSYCHOLOGY**

**SPORTS PERFORMANCE 20 (5 credits) Fee: \$20**

- *Students who take this course cannot take Sports Performance Hockey*

*Prerequisite:* Sports Performance 10, REC 1040 Foundations for Training 1 and REC 1050 Sport Psychology 1

Students will be expected to demonstrate outcomes as they relate to the study of current training principles, performance enhancement and evaluation, sports studies and personal development. Students will study and use, in a practical curriculum, concepts involving the knowledge, attitudes and skills necessary to improve sports performance. Students will receive *one* credit for each completed CTS module and will be doing the following five:

1. **REC 2010: NUTRITION FOR RECREATION ACTIVITIES & SPORT**
2. **REC 2040: FOUNDATIONS FOR TRAINING II**
3. **REC 2045: TRAINING FOR CORE MUSCLES**
4. **REC 2050: SPORT PSYCHOLOGY II**
5. **REC 2060: LEADERSHIP IN RECREATION & SPORT**

**SPORTS PERFORMANCE 30 (5 credits) Fee: \$20**

- *Students who take this course cannot take Sports Performance Hockey*

*Prerequisite:* Sports Performance 20, REC 2040 Foundations for Training 2

The purpose of this module-based course is to provide students involved in sports with the knowledge, skills and attitudes necessary to understand the factors related to sports performance. By exposing students to both the theoretical and practical nature of sports, students will be expected to demonstrate outcomes in a variety of areas including current training principles, performance evaluation and enhancement, and personal development through sports participation. Students will receive *one* credit for each completed CTS module and will be doing the following *five*:

1. **REC 3015: FLEXIBILITY TRAINING**
2. **REC 3025: CARDIOVASCULAR TRAINING**
3. **REC 3030 SPEED & AGILITY**
4. **REC 3045: PERIODIZATION**
5. **REC 3140: SPORT & SOCIETY**

**SPORTS PERFORMANCE HOCKEY 10, 20, 30 (Module Based)  
(5 credits each) - fee assessed**

- *Students who take this course cannot take Sports Performance 10,20 or 35*

The objective of this course is to provide students with specific knowledge of strength and fitness components and a practical strength and fitness experience for enhancing one's own performance in the sport of hockey. Attention will be paid to the specific fundamental skills that provide the basis for skating, puck handling, passing and shooting. This course is designed for the enhancement of an individual's skill set and does not emphasize team systems in any way. With the course individually based all skill levels of players are welcome to participate. Students who elect this course cannot take other Sports Performance classes.

**TOURISM STUDIES**

**(Module Based)**

**TOU 1010: The Tourism Sector**

**TOU 2080: Travel Planning**

**TOU 1910: Tour Project**

**(1 credit per module)**

This course focuses on travel and tourism to examine unique characteristics of selected world regions from a geographic perspective. Students will develop an understanding and appreciation of the ways in which the natural environments, economies, cultures and other aspects of the world regions interact.

## WILDLIFE AND FORESTRY 10

**WLD 1010: Introduction to Wildlife**

**WLD 1910: WLD Project A**

**WLD 2910: WLD Project B**

**(1 credit per module)- fee assessed**

This course focuses on an introduction to wildlife, to appreciate, enjoy and respect the outdoor life.

Introductory Level	Intermediate Level	Advanced Level
Forests and Society Introduction to Wildlife People, Culture and Wildlife Heritage	Wildlife Spaces and Species Diversity of Wildlife Values Forest Protection and Stewardship	Issues and Trends in Forestry Wildlife Protection and Stewardship Wildlife Management Research Study

## FINE AND PERFORMING ARTS

**Art 10 (5 Credits)**

**Art 20** (prerequisite: Art 10) **(5 Credits)**

**Art 30** (prerequisite: Art 20) **(5 Credits)**

- fee assessed

Welcome to the Chestermere High School Visual Arts experience. Our program is a 10, 20, 30 blended class where you will be able to explore your creativity within a comfortable collaborative environment. Our emphasis is to allow you to develop your creative thinking skills, artistic ability and application of technique through exploring our diverse range of projects. You just have to have an open mind, and a willingness to participate while allowing yourself to take creative risks. Over the course of the next Three years in the Art room you will experience 18 diverse projects spanning different mediums and ideas that will help you learn to think and practice as an Artist. All of our projects can be used as portfolio projects if you decide to pursue studies at the Alberta College of Art & Design.

**DRAMA 10 (3 credits)**

**DRAMA 20** (prerequisite: Drama 10) **(5 credits)**

**DRAMA 30** (prerequisite: Drama 20) **(5 credits)**

Drama provides students creative and artistic expression in acting, directing and writing for both film and stage. Students participate in drama games, collaborate closely with their peers, create their own films and theatrical pieces and experience having their work viewed by an audience. The following disciplines may be part of a drama program.

- Movement
- Speech
- Improvisation
- Acting
- Film Studies
- Theatre Studies
- Technical Theatre Design
- Playwriting/Screenwriting
- Directing

**MUSICAL THEATRE 15 (5 credits)**

**MUSICAL THEATRE 25 (5 credits)**

**MUSICAL THEATRE 35 (5 credits)**

**This course will be offered after school only, days to be determined. This course runs from September to May of the school year.**

Musical Theatre 15-25-35 is a performance based class that allows students to experience the genre of Musical Theatre through the production of an actual show. Students may participate as actors, stage technician, or as Orchestra Pit Musicians. Students must audition in the fall if they wish to be considered for an acting role.

**INSTRUMENTAL MUSIC 10/Band 15 (FNA1425) (10 credits)**  
**INSTRUMENTAL MUSIC 20/Band 25 (FNA2425) (10 credits)**  
**INSTRUMENTAL MUSIC 30/Band 35 (FNA3425) (10 credits)**  
 fee assessed



Instrumental Music on Tour in England

Through Instrumental Music 10, 20, 30 the student develops musical abilities by playing/singing, listening, reading and creating music. These programs consist of three general areas of learning:

- performing: how musical skills are developed; building knowledge and awareness
- listening: how music is understood; appreciating musicians throughout history
- composing: how musical compositions are created; organizing elements of music.

Instrumental Music 10, 20, 30 runs all year and switches to Instrumental Music 15, 25, 35 during the second semester.

THE FOLLOWING COURSES REQUIRE REGISTRATION IN INSTRUMENTAL MUSIC 10/20/30 AS A PREREQUISITE

**INSTRUMENTAL JAZZ 15 (5 CREDIT)**  
**INSTRUMENTAL JAZZ 25 (5 CREDIT)**  
**INSTRUMENTAL JAZZ 35 (5 CREDIT)**



Jazz Ensemble on Tour in Hawaii

Through this performance based program students experience Jazz, Rock and Latin music first hand by playing in a Jazz Ensemble. Rehearsals run outside of the timetable (8:00 AM – 9:00 AM Tuesday and Thursday).

**GENERAL MUSIC DRUMLINE 10 (5 Credit)**  
**GENERAL MUSIC DRUMLINE 20 (5 Credit)**  
**GENERAL MUSIC DRUMLINE 30 (5 Credit)**



Drumline Knox United Church

This high energy performance group offers students the chance to perform in a Drumline. Students will be assigned to one of the following instruments- Snare, Quad Drums, Bass Drum, Cymbals, Xylophone, Marimba, or Vibraphone.

Rehearsals run outside of the timetable (Wednesday 3:30-5:30).

**Chamber Music String Ensemble 15 (5 Credit)**

**Chamber Music String Ensemble 25 (5 Credit)**

**Chamber Music String Ensemble 35 (5 Credit)**



Christmas Concert 2015

This performance based group is designed for students wishing the experience of playing in a string orchestra. This includes violin, viola, cello and double bass. No experience is necessary. Rehearsals run outside the timetable (TBA)

**Chamber Music (New Music Ensemble) 15 (5 Credit)**

**Chamber Music (New Music Ensemble) 25 (5 Credit)**

**Chamber Music (New Music Ensemble) 35 (5 Credit)**

This multi-instrument ensemble is dedicated to playing music that is contemporary. By exploring music considered experimental, students learn performance practices and compositional techniques that are unique to the 21<sup>st</sup> Century. Rehearsals run outside the timetable (TBA)

## FOREIGN LANGUAGES

### **FRENCH AS A SECOND LANGUAGE NINE YEAR PROGRAM OF STUDIES**

French as a Second Language (FSL) courses provide Alberta students, and Canadian society in general, with definite benefits. By learning French, students gain both personally and academically. Society, in turn, profits from the contribution of citizens who are both bilingual and bicultural. Being able to understand and use French is an important aspect of being a Canadian and a global citizen. By learning French, students are able to develop the necessary knowledge, skills and attitudes needed to communicate in a variety of real-life contexts. The learning of a second language involves risk-taking and tolerating the unknown. As a result, second language learners tend to be more flexible and adaptable to new situations, which are an asset in an ever-changing world.

#### **FRENCH 10-9Y (5 credits)**

Prerequisite: French 9

Students will engage in various language activities, based on the context, the communicative task and different information and communication technologies. Using the four components of second language learning (reading, writing, listening and speaking) students will also broaden their knowledge of the French language and French-Canadian culture. Units of study include shopping, vacations and school.

**FRENCH 20-9Y (5 credits) - fee assessed**

Prerequisite: French 10

French 20 is a continuation of the FSL program. Students will be required to understand and produce a variety of oral and written texts, and engage in oral discussions. Units of study include senses & feelings, fads & fashions, and consumerism. Students will also study France and French culture

**FRENCH 30-9Y (5 credits) - fee assessed**

Prerequisite: French 20

French 30 will provide students with a higher level of language complexity and develop their communicative skills in French. Units of study include world of work, travel & tourism, and the role of the media. Students will also study various Francophone countries and their cultures. Completion of French 30 fulfills the second language requirement of various university faculties and it allows students to further their study of the French language and literature at the university level. French 30 may also be a requirement for many jobs.

**SPANISH 10 (5 credits) - fee assessed**

This course is for students who are new to Spanish or have had some instruction in Spanish in elementary or junior high. The content of this course reflects the beginner's level 2 and 3 of the program of studies. It is based on a communicative approach in which all 4 communicative skills (reading, writing, listening and speaking) is undertaken throughout the course. Projects include a suitable project such as the construction of a piñata, or Spanish tile painting.

**SPANISH 20 (5 credits) - fee assessed**

Prerequisite: Spanish 10

The content of the course reflects the continuation of the intermediate level of the program of studies. Students who have successfully completed Spanish 20 will have the opportunity to continue to develop their skills and knowledge through a wider range of vocabulary and language structures of the language. Projects include trinket box making and painting self-portraits.

**SPANISH 30 (5 credits) - fee assessed**

Prerequisite: Spanish 20

Language learning is interactive as well as cumulative. Particular lexical fields, language structures and functions as well as learning strategies are revisited at different points of the program but with a different perspective. In this course, application and language competency will focus on present, past and future tenses and the subjunctive. Students will acquire the knowledge, skills and attitudes to be effective global citizens, through the exploration of the countries of the Spanish-speaking world. Projects include Spanish mask research and making masks.



## ELECTIVE COURSES

### **CREATIVE WRITING AND PUBLISHING 15, 25 and 35 (LDC 12695) (5 credits each)**

Prerequisite: Love for writing and reading.

Creative Writing 15, 25, 35 provides students, who enjoy expressing themselves through the written word, the ability to hone and gain writing skills. Students will have the opportunity to work independently and collaboratively through many different genres of writing, including fiction, spoken word, poetry, nonfiction. Through sharing, reflection and writing, students will expand their abilities and breadth of knowledge in the literary arts by creating a portfolio and working to publish some of their work. **As there is a large emphasis on writing workshops and reading, a love for writing and reading is strongly recommended.**

### **FANTASY AND SCIENCE FICTION APPRECIATION 15 (LDC 1248) (5 credits)**

Fantasy and Science Fiction Appreciation 15 is a senior high English Language Arts option class. This course 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 explore unique and fantastic worlds like Middle Earth, Recluse and the Matrix. Students in this class will be exposed to a variety of films, short stories, novellas and novels related to science fiction and fantasy. Students will further develop reading, speaking, listening, viewing and writing skills learned in previous English Language Art classes. Expository writing such as creative movie or book reviews will be expected, but writing creatively will be emphasized. Students will be given class time to read, view, discuss and create.

### **FORENSIC SCIENCE**

Forensic science is the application of scientific principles, methods, and technologies for the purpose of solving debates including legal proceedings. Through the study of forensic science, students are given the opportunity to explore how scientific concepts from a variety of disciplines (biology, chemistry, physics, accounting, technology, and the social sciences) apply specifically to this unique field. These courses will promote the importance of scientific literacy and problem solving techniques. Emphasis is placed on Canadian methods and legal protocols as students enhance their understanding of science and explore this unique career area.

### **FORENSIC SCIENCE 25 (LDC 2754) (3 credits)**

Pre or Co-requisite: Science 10

Topics: physical evidence; fingerprint evidence; microscopic trace evidence; body fluid evidence; forensic genetics; document analysis; polygraph testing; breathalyzer; forensic science education and careers.

### **FORENSIC SCIENCE 35 (LDC 3754) (3 credits)**

Pre or co-requisite: 2 x 20 level sciences

Topics: fire investigation; forensic accounting; forensics in technology; forensic pathology; forensic anthropology; forensic entomology; forensic odontology; forensic psychology and psychiatry.

A continuation of the topics covered in Forensic Science 25. There is a focus on the specific scientific processes behind the topics and applying the knowledge to real and fictional cases.

### **MILITARY STUDIES 15 & 25**

Introduces students to the strategies and weapons of military practices in warfare. Students will learn some of the main themes and events in world military history from the prehistoric era up to the present day. Students will participate in researching exceptional military leaders, important military battles, and different types of warfare. Students will create military strategies for future military battles and create blue prints for military machines of the future. Methods for learning will include; executing military strategies in a paint ball session, testing their war strategy skills against other Rocky View Schools, online video games, board games such as Risk, design military strategies, field trip to the Military Museum in Calgary, read and learn about historic war strategies and present to peers

\*\*\*If there is sufficient student interest for an international trip, the class will take a trip to France, Germany, and England to see the battlefields being studied.

### **PALEONTOLOGY 15 (LDC 1293) (5 credits) - fee assessed for field trip and video conferencing**

Pre or Co-Requisite: Science 10

Paleontology is the study of Earth's history. Students will learn about a variety of topics including; fossils, evolution, adaptations, the origins of life, extinctions, and of course...dinosaurs! The course includes live videoconferencing workshops with the Royal Tyrrell Museum in Drumheller as well as an end of semester trip to the museum.

### **GENERAL PSYCHOLOGY 20 (3 credits)**

Prerequisite: None

General Psychology 20 provides students with a general background in the following areas:

Theme 1: History of Psychological Schools of Thought

Theme 2: Principle of Learning

Theme 3: How to Learn Efficiently

Theme 4: The Process of Thinking

Theme 5: Facing Frustration and Conflict

Theme 6: Emotional Problems of Adolescents

Theme 7: Behavior Disorders and Their Treatment

Theme 8: Career Opportunities in Psychology

### **PERSONAL PSYCHOLOGY 20 (3 credits) SSN2171**

Prerequisite: None

The course gives students an understanding of the history of psychology and explores personality, human development, intelligence, biological influences and behavior, and how both heredity and environment affect the human being. Students will examine the course concepts through experiments, research, projects, scientific literature, and videos.

Theme 1: Introduction to Psychology

Theme 2: Personality

Theme 3: Behavior

Theme 4: Intelligence

### **ABNORMAL PSYCHOLOGY 35 (3 credits) LDC3164**

Prerequisite: None

Abnormal Psychology 35 was developed to provide Alberta students with a 30-Level Social Science option. The course provides an overview of abnormal behavior and the conditions that affect individuals in our society. The sections of the course deal with views of abnormality, causal factors and types of disorders, as well as assessment, prevention, and treatment. When students have completed the course, they will have a basic understanding of the major concepts in abnormal psychology and complicated nature of psychological illness.

### **WORLD RELIGIONS 30 (SSN 3161) (3 credits)**

The objective of this course is to provide an opportunity to experience a number of cultural, historical and contemporary issues from a religious point of view, and through the study of religion as a separate discipline to "develop a philosophy based upon values conducive to ethical and moral behavior and reflected in an understanding of human worth." (Government of Alberta, *Report of the Commission on Educational Planning*.)

### **YOGA 15/25 (3 credits)**

This course will safely introduce students to the basic postures (asanas), breathing techniques and relaxation methods of yoga. It will also introduce students to the historical roots of yoga and give them an understanding of basic anatomy and physiology as it applies to the discipline. Students will develop an enhanced appreciation for and acceptance of their body. The program is designed to allow students to

experience the benefits of increased flexibility, strength, focus and concentration. Students will learn to be non-judgmental about their own and others' yoga practice. Through continued practice, students will relieve stress, learn to relax and experience the health benefits of a yoga practice.

## OFF-CAMPUS PROGRAMS

### **GREEN CERTIFICATE PROGRAM (3-10 credits)**

- minimum \$300 holding fee assessed

Prerequisite: AGR3000

The Green Certificate Program for senior high school students allows students to participate in an agriculture-related apprenticeship, earn credits, and complete the Technician Level of a Green Certificate in any one of nine specializations (Beekeeping, Cow-Calf, Dairy, Equine, Feedlot, Field Crop, Irrigated Crop, Sheep, Swine). Alberta Agriculture, Food and Rural Development, and Alberta Learning jointly administer the Green Certificate Program.

### **REGISTERED APPRENTICESHIP PROGRAM (RAP) (5-30 credits)**

Prerequisite: HCS3000

RAP is a program in which students spend part of their time in school and part of their time in industries involved in registered apprentices which are included as one of Alberta's 50 designated trades. Students must be on track to graduate prior to being accepted into the program.

Students enrolled in the RAP program are typically, but not necessarily, paid by their employers.

Placement for RAP positions are generally arranged by Careers: Next Generation; however, students may arrange their own placement. This placement must be with a ticketed journeyman.

### **WORK EXPERIENCE 15, 25, 35 (3-15 credits)\***

Prerequisite: HCS3000

This sequence of courses is available to all senior high school students. Students work with an employer to complete individually defined learning experiences. One credit is earned for each 25 hrs of experience. Students are required to complete the Career Transitions HCS3000 Preparation 1-credit course as a prerequisite or prior to being enrolled in the work experience course.

\* Students are allowed to accumulate a maximum of 30 credits, 15 of which can be used for graduation requirements.

## KNOWLEDGE AND EMPLOYABILITY

The Knowledge and Employability (Level 4) courses are offered to students who have been identified as suitable candidates. Knowledge and Employability courses are part of a program path that leads to a High School Certificate of Achievement. This document is recognized by Alberta Education as an alternative to the regular high school grade 12 diploma. The High School Certificate of Achievement counts as high school completion.

Students who have completed the requirements for a Certificate of Achievement may transition and complete courses to earn their High School Diploma. This would include further course work and upgrading.

Knowledge and Employability Courses (5 credits each)

English 10-4, English 20-4, English 30-4

Math 10-4, Math 20-4

Science 14

Social 10-4, Social 20-4

Enrollment in Knowledge and Employability courses **must** include consultation with teachers, guidance counsellors and have informed consent of parents/guardians

**Chestermere High School Fees  
2016-2017**

**These fees are the reflection of the 2015/2016. Please only use these fees as a guideline. The 2016/2017 School Fees will be finalized by June 2016, and adjusted as needed.**

	<b>Fee</b>	<b>Purpose</b> (the direct costs that lead to the establishment of the fee charged)
Board Established Mandatory Instructional Resource Fees	\$145	Mandatory instructional Resource Fee established by Rocky View Schools' Board of Trustees. The purpose of the fee is to offset the cost of student support and instructional materials including digital resources and licensing. These materials may include: Alberta Education recommended resources, K-4 school supplies, and all other instructional resources except as outlined in school-established optional fees. FEES are DUE October 31, 2015. ANY outstanding (unpaid) fees will be sent to Rocky View for collection on April 16, 2016.
<b>School Established Optional Course Fees – The courses below are optional for students to take. Once enrolled, the fees attached to these courses are mandatory. Optional Course fees are covered by the RVS Waiver guidelines.</b>		
Art 10/20/30	\$75	This fee applies to all Art 10/20/30 students and covers the cost of the following consumables; Art Supply Kit (pencils, erasers, paint brushes), cans, paint, photo paper, developer chemicals, clay, paper, etc.
Band 15/25/35	\$125	This fee applies to all Band 15/25/35 students and covers the direct cost of music, music folders, and guest artists/clinicians. Fee is also used to subsidize transportation for off campus performances and for the transportation of equipment.
Communication Technology 10/20/30	\$20	This fee applies to all Communication Technology 10/20/30 students and covers the cost of cameras, sound, lighting and computer software; as well as tape, lens cleaner, gels, clay, film, and printing.
Construction Technology 10 – 3 credit	\$50	This fee applies to all Construction Technology students and covers the cost of consumables such as sandpaper, blades, bits and belts, tool replacement, and some practice lumber and materials. Additionally, students are required to pay for lumber used in more advanced course and project work.
Construction Technology 20/30 - 5 credit	\$100	

Cosmetology 10	\$50	This fee applies to all Cosmetology 10 students and covers the cost of consumables used in the course such as shampoo & conditioner, bobby pins, elastics, and replacement tools (combs, brushes, water bottles, etc.).
Cosmetology 20	\$100	This fee applies to all Cosmetology 20 students and covers the cost of the same consumables used in Cosmetology 10, as well as the added cost of a mannequin head and product used for the cutting, colouring and perming modules.
Culinary Arts 10/20/30	\$75	This fee applies to all Culinary Arts Students and covers the cost of consumables such as food samples, food labs, and food that cannot be sold but made in order to meet program of study requirements. The cost also includes a linen fee for the uniform (pants, Jacket & apron) provided for student use while in the Program as well as the linens used in the Kitchen. All students are provided with a traditional black beanie. Other colours are available and can be purchased for an additional cost (\$6.85). Additionally, students are required to have their own pair of closed toe kitchen shoes used solely for the time spent in the Kitchen. Students are also required to have a thermometer which can be purchased from the school for \$20 or from any food retailer.
Fabrication Studies 3-credit Fabrication Studies 5-credit	\$50 \$100	This fee applies to all Fabrication studies students and covers the cost of consumables used in the course such as grinding disks, blades, welding rod, filler metal, welding gas, tool replacement, and some practice materials. Additionally, students are required to pay for materials used in more advanced course and project work.
Fashion Studies 3-credit Fashion Studies 5-credit	\$21 \$45	This fee applied to all Fashion studies students and covers the purchase, repair and replacement costs of consumables used in the program such as thread, scissors, rotary cutters, blades & matts, hooks & eyes, machine & hand sewing needles, seam rippers, bobbins, and dressmakers chalk. Fees also cover the cost of materials for student projects (pillowcases, infinity scarves, arm knitting, weaving, zipper sample); fabric, yarn, interfacing, zippers, fabric dye and t-shirts. In addition, fee includes one field trip per course (ie. Shopping at Fabricland, clothing factory tour, etc.).
Financial Management	\$10	This fee applies to all Financial Management students and covers the cost of printing, special materials used in the program, and guest lecturers.
Foods 3-credit Foods 5-credit	\$45 \$90	This fee applies to all Foods students and covers the cost of consumables used in the program such as groceries used in lab work. The fee also covers the replacement costs of supplies required for the program.
French 10/20/30	\$25	This fee applies to all French studies students and covers the cost of supplies for cooking traditional French food & a

		field trip; additional costs for the field trip may apply.
Leadership 20/30	\$25	This fee applies to all Leadership 20/30 students and covers the cost of consumables used in leadership activities.
Paleontology 15	\$40	This fee applies to all Paleontology students and covers the cost of educational programs facilitated by the Royal Tyrrell Museum. This includes four video conference workshops, as well as three programs that students will take part in during the field trip to the museum. Additional transportation fees will be required closer to the date of the field trip to the Royal Tyrrell Museum.
Physical Education 20/30	\$150	This Fee applies to all PE 20/30 students and covers the cost of facility rentals, entrance fees, course instructor costs and transportation fees for all off-campus activities. For select activities, it also covers the cost of a sub when class coverage is required.
Robotics 10/20	\$35	This fee applies to all Robotics students and covers the cost of specialized software licenses, replacement parts (Arduino boards, motors, sensors, other electronic parts), tools, rechargeable batteries and other robotics parts.
Spanish 10/20/30	\$5	This fee applies to Spanish studies students and covers the cost of art supplies used in the course special project.
Sports Medicine 10/20/30	\$25	This fee applies to all Sports Medicine students and covers the cost of consumables used in the course such as athletic tape, pro-wrap, instant ice packs, tensor bandages and cryo-cups. The fee also covers the cost of a field trip for Sports Medicine 20/30 students.
Sports Performance 10/20/30	\$20	This fee applies to all Sports Performance students and covers the cost of guest instructors, as well as acquisitions of equipment utilized in the course.
<b>School Established Optional Program Fees – These programs are optional for student to take, once enrolled the fee is mandatory. Fees not covered by RVS Waiver guidelines.</b>		
Leadership 10	\$200	This fee applies to all Leadership 10 students and covers the cost of a 4 nights all-inclusive (bus transportation, lodging, food) mandatory trip to Kamp Kiwanis. Fee also includes cost of consumables used in leadership activities.
Sports Performance – Hockey	\$250	This fee applies to all Sports Performance Hockey students and covers the cost of busing (to and from) the Chestermere Arena, ice times four days a week, jerseys, and a field trip at the end of the semester. Additionally, fee covers the cost of pylons and hockey pucks for on-ice events.
<b>Other School Established Optional Fees – The following items are available to students to participate in or purchase but are not mandatory. If students choose to participate or purchase items below the fee becomes mandatory. These fees are not covered by the RVS Waiver guidelines.</b>		
Art Field Trip Fee	\$25	Art Field Trip to the Alberta College of Art & Design (ACAD). Fee covers the cost of bus transportation and substitute costs for class coverage.
Art Project Fee – Skateboards	\$35	Fee covers the cost of the blank decks imported from the USA.

Stage West Field Trip	\$50	Field Trip offered to Musical Theatre and Drama students. Fee covers the cost of the performance, buffet brunch and bus transportation.
Band Retreat at Camp Evergreen	\$100	Retreat offered to all Band students. Fee covers the cost of transportation, lodging and food.
Bio 30 Field Trip to the Calgary Zoo	\$25	Field trip offered to all Biology 30 students. Fee covers the cost of admission to the Calgary Zoo, substitute costs to cover class instruction, and bus transportation.
Grad Fee	\$120	<p>Fee applied to all eligible Grade 12 students. Fee covers the cost of the gown rental, memento cap and tassel, DJ at the banquet dance, gifts (to school, parent committees, etc.), gifts to students in memory of the celebration, facility rentals, grad photo sitting fee, donation to the Cinderella fund and bank and administrative charges.</p> <p>If student is only attending the ceremony, or only attending the banquet, the grad fees will be adjust accordingly. Ceremony only \$70; Banquet and Dance only \$50.</p> <p>The cost of banquet tickets, parking, and grad DVD are not covered by the grad fee. Additional charges will apply.</p>
Lock Replacement Fee	\$5	Cost of a lock. All students are supplied with a school issued lock when they attend CHS free of charge. The fee only applies if the student loses the original lock and a new lock needs to be issued. Chestermere High School does not allow students to bring in their own locks.
The Key Study Guide	\$15	The KEY Study Guide is specifically designed to assist students prepare for quizzes, unit tests, and final exams. It is 100% aligned with the Alberta curriculum. The following Key Study Guides can be purchased through CHS at cost: Math 30-1; Math 30-2; Chemistry 30; Biology 30; Physics 30; Social Studies 30-1 & Social Studies 30-2.
Math Workbook Fees (10C; 20-1, 20-2, 30-1, 30-2) Math Workbook Fee (10-3; 20-3)	\$15 \$20	Workbooks used by students in the course of their studies. These books are sold to students at below cost. For those students who do not wish to purchase their own workbook, the workbooks are available at the Learning Commons for students to check out. Please note, that if students choose not to purchase they are not allowed to write directly in the workbooks they check out at the Learning Commons. If a student marks up a workbook checked out in the LC they will be charged for the cost of the book.
Parking Pass Fee	\$40	The fee is collected to provide a reserved stall to secure a parking spot for the school year. It calculates to approximately \$1 per week of school. The fees collected go to cover the costs of signage, individual student parking pass decals, and markings reserved stalls. Parking is determined on a first come, first served basis.
Yearbook Fee	\$40	Full colour, 100 page hard cover book of memories. All



		yearbooks must be pre-ordered and paid for by the end of February for a June delivery.
Extra-Curricular Student Athletic Fee	\$35	This fee is charged to all students participating in an organized CHS sport. The fee covers the cost of South Central Zone and ASAA registration fees, weight room use, purchase and installation of championship banners and plaques, awards night expenses and Senior posters.
JV Boys Basketball Fee	\$585	Player fee assessed based on the number of players and the number of tournaments. Fee covers the cost of tournament fees, accommodation, zone fees, Rocky View league fees, team pictures, team warm-up shirts & socks, uniform rental, coaching expenses, and substitute costs when classroom coverage is required.
JV Girls Basketball Fee	\$450	Player fee assessed based on the number of players and the number of tournaments. Fee covers the cost of tournament fees, accommodation, zone fees, Rocky View league fees, team pictures, team warm-up shirts, uniform rental, coaching expenses, sponsored child (World Vision), and substitute costs when classroom coverage is required.
V Boys Basketball Fee	\$650	Player fee assessed based on the number of players and the number of tournaments. Fee covers the cost of tournament fees, accommodation (2 out of town tournaments), zone fees, Rocky View league fees, team pictures, socks, uniform rental, coaching expenses, and substitute costs when classroom coverage is required.
V Girls Basketball Fee	\$725	Player fee assessed based on the number of players and the number of tournaments. Fee covers the cost of tournament fees, accommodation, zone fees, Rocky View league fees, team pictures, travel gear, uniform rental, coaching expenses, sponsored Child (World Vision), HUDL video service and substitute costs when classroom coverage is required.
JV Girls Volleyball	\$245	Player fee assessed based on the number of players and the number of tournaments. Fee covers the cost of tournament entrance fees, team pictures, warm-up shirts, uniform rental, Rocky View league fees, wind-up party expenses, and the cost of a substitute when classroom coverage is required.
V Boys Volleyball	\$350	Player fee assessed based on the number of players and the number of tournaments. Fee covers the cost of entrance fees for tournaments, accommodation, team pictures, warm-up shirts, hoodies, uniform rental, Rocky View league fees, and the cost of a substitute when classroom coverage is required.
V Girls Volleyball	\$365	Player fee assessed based on the number of players and the number of tournaments. Fee covers the cost of entrance fees to tournaments, accommodation, team pictures, warm-up shirts, hoodies, uniform rental, Rocky View league fees, windup party expenses and the cost of a Substitute when classroom coverage is required.
Girls Soccer	\$85	Player fee assessed based on the number of players. Fee covers the cost of Rocky View league fees, warm-up tops, team pictures, wind-up party expenses and uniform rental.

Boys Soccer	\$100-\$125 (estimate)	Player fee assessed based on the number of players. Fee covers the cost of warm-up shirts, socks, team pictures, uniform rental, Rocky View league fees, substitute costs when classroom coverage is required, and if applicable, tournament entrance fees.
Football	\$780	Player fee assessed based on the number of players. Fee covers the cost of Rocky View league fees, awards, equipment, apparel, photos, uniform rental, bus transportation, substitute costs when classroom coverage is required. The present fee also covered the cost of a team trip to Bonner's Ferry, Idaho.
Rugby	\$150-\$250 (estimate)	Player fee assessed based on the number of players and tournaments. Fee covers the cost of apparel, tournament entrance fees, uniform rental, team photos, referee costs, and substitute costs when classroom coverage is required.
Golf	\$110	Player fee covers the cost of entrance fees, green fees, Rocky View league fees, and team photos.
Cross Country	\$30	Participant fee covers the cost of race entry fees, Rocky View league fees, uniform rental, team shirt, and substitute costs when classroom coverage is required.
Badminton	\$25-\$60 (estimate)	Player fee covers the cost of entrance fees, Rocky View league fees, photos, and substitute costs when classroom coverage is required. Team shirts can be purchased for an additional \$35-\$50 each.
Track and Field	\$25-\$75	Participant fee covers the cost of entrance fees, Rocky View league fees, photos, team apparel, uniform rental, and substitute costs when classroom coverage is required.
Weight Room Pass	\$40	The cost of an annual pass to the weight room. The fee is used to offset the cost of the repair and replacement cost of equipment.
Band Instrument Rental - School Year	\$210	Fee applicable to students registered in a band program who rent a musical instrument from the Board for the school year (September 1 – June 30), of which \$50 is a caution fee that is fully refundable upon return of the instrument in the same condition it was rented, except for normal wear and tear.
Band Instrument Rental – Summer	\$140	Cost to rent an instrument from the Board over the summer. The rental must be authorized by the school principal. The fee includes a \$50 caution fee that is fully refundable upon return of the instrument in the same condition it was rented, except for normal wear and tear.
Percussion Rental	\$30	Rental fee for use of RVS percussion instruments.
Computer Caution Fee	\$100	CHS has a limited number of laptop computers for student rental, available on first come first serve basis. The use of one of these computers requires a caution fee of \$100 per school year, which is fully refundable at the end of the school year pending the return of the computer in proper working condition. Any repairs beyond normal wear and tear will be paid for from the caution fee and the balance will be returned to the renter at the end of the school year. If repair costs exceed the \$100 the renter will be

		responsible for paying the balance. The replacement cost of a MacBook is \$500.
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**School Fee Waiver Application Guidelines - Deadline to Apply is June 30, 2016**

- Instructional Resource fees, school established optional course fees, and transportation fees will be waived only for applicants that are receiving the GST Credit – A copy of the GST Credit Notification received from the Canada Revenue Agency (CRA) showing the applicant’s name and the students’ names must be attached. (This annual notification is mailed each July; copies can be obtained from CRA online or by calling 1.800.959.1953).
- Fee waivers apply to only Permanent Canadian Residents
- Transportation waivers apply only to students residing within Rocky View Schools attendance area.