



## Vegreville Composite High

### Course Handbook 2017-2018

VCHS provides a safe and caring learning environment. Our students are held to a Code of Conduct exemplified by the virtues of Cougar Pride; ***commitment, empathy and enthusiasm*** which guide us in our day-to-day conduct.

#### *Commitment:*

Making a commitment involves dedication and the obligation to take steps to make it happen.

#### *Empathy:*

Empathy means to “Treat others as you would have others treat you”. Be sensitive to the struggles of others.

#### *Enthusiasm:*

Demonstrating a good attitude, great eagerness, and putting your whole heart into what you do.

### *Programs*

- Class V Driver Training 35
- CTS (Career & Technology Studies):  
Construction Technologies, Culinary Arts (Foods), Cosmetology, Communication Technology, Design Studies, Fashion Studies, Mechanics, Personal Fitness
- Fine Arts: Art, Drama, Instrumental Jazz, Instrumental Music
- Independent Study: Abnormal Psychology 35, Aboriginal Studies, Financial Management, General Psychology 20, General Sociology 20, Legal Studies, Marketing and Management, Personal Psychology 20, Tourism
- KAE (Knowledge & Employability) Program
- Leadership: Athletic and Cougar Council
- LINKS (Learning Individual Needs Knowledge & Skills)
- Off-Campus Education: Work Experience, RAP (Registered Apprenticeship Program), Green Certificate
- Physical Education
- Second Languages: French

### *Extra-curricular*

- Athletics: badminton, basketball, cross-country, curling, football, golf, team handball, track and field, volleyball
- School Sponsored Clubs: Carpentry Club, Cougar Council, Encounters Canada, Gamer Club, Skills Canada, Yearbook
- MODEL Project

**Commitment**

**Empathy**

**Enthusiasm**



## *Guidance and Counselling*

Our guidance counsellor assists students with educational, social and personal development. The counsellor is also integral to appropriate goal-setting and career planning. Appointments may be made by contacting the counsellor.

### *Grade 10 - Required Courses:*

English Language Arts 10 level  
 Mathematics 10 level  
 Science 10 level  
 Social Studies 10 level  
 Physical Education 10/Career Transitions

### *Grade 11 - Required Courses:*

English Language 20 level  
 Mathematics 20 level  
 Science one 20 level  
 Social Studies 20 level  
 CALM 20

### *Complementary Course Options:*

Abnormal Psychology 35	General Psychology 20
Aboriginal Studies	General Sociology 20
Art	Green Certificate
Athletic Leadership	Instrumental Jazz
Class V Driver Training 35	Instrumental Music
Communication Technology	Legal Studies
Construction Technology	Marketing & Management
Cosmetology	Mechanics
Cougar Council Leadership	Personal Fitness
Culinary Arts (Foods)	Personal Psychology 20
Design Studies	Physical Education
Drama	Registered Apprenticeship Program (RAP)
Fashion Studies	Tourism
Financial Management	Work Experience
French	



## *High School Diploma Requirements*

Alberta Education issues high school diplomas once all diploma requirements are met/completed. Information on high school transcripts, marks and diploma examination rewrites available through students' myPass accounts at [myPass.alberta.ca](http://myPass.alberta.ca).

### *Credit Requirements:*

All students are required to earn a minimum of 100 credits in high school, including:

- English Language Arts 30-1 or English Language Arts 30-2.
- Social Studies 30-1 or Social Studies 30-2.
- Mathematics - a minimum of 10 credits including a 20 level course.
- Science - a minimum of 10 credits including a 20 level course.
- Physical Education - a minimum of 3 credits.
- CALM (Career and Life Management) - 3 credits.
- CTS (Career and Technology Studies) or Fine Arts or Second Languages or Physical Education 20 or 30 - a minimum of 10 credits in any combination.
- Grade 12 courses - a minimum of 10 credits in 30 level courses in addition to English Language Arts and Social Studies.

## *Certificate of High School Achievement Requirements (Knowledge & Employability Program)*

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

### *80 credits including the following:*

- English Language Arts 20-2 or 30-4
- Social Studies 10-2 or 20-4
- Mathematics 20-3 or 20-4
- Science 14 or 20-4
- Physical Education 10 (3 credits)
- CALM (Career and Life Management) (3 credits)
- 5 credits in a 30 level Knowledge & Employability Occupation Course or
- 30 level CTS (Career and Technology Studies) Courses
- AND**
- 5 credits in 30 level KAE (Knowledge & Employability) Workplace Practicum Course or
- A 30 level Work Experience Course or
- A 30 level Green Certificate Course or
- Special Projects 30 or
- 5 credits in a 30 level RAP (Registered Apprenticeship Program) course



## *KAE (Knowledge & Employability) Program*

The KAE Program is designed for students who are interested in pursuing a vocational career or require additional support to meet the requirements for achieving a high school diploma or a Certificate of High School Achievement. The KAE Program focuses on basic skills essential to becoming responsible members of society and skills required for the world of work.

## *LINKS (Learning Individual Needs Knowledge & Skills)*

The LINKS program is a system special education program designed to meet the needs of students with mild to severe cognitive disabilities and/or physical/medical disabilities who require supervision and assistance in personal care, motor skills, social interaction, communication, leisure, recreation, and other aspects of daily living. The focus of the program is to meet the individual developmental needs of students and to allow them to achieve to their maximum potential for functional living. Instruction is guided by an ISP (Instructional Support Plan) and builds on individual strengths and needs.

## *Core Courses*

### *English Language Arts*

English Language Arts students demonstrate increasing competence in the use of oral and written language and the appreciation and understanding of literature. The skills developed at each grade include reading, writing, speaking, listening, viewing and representing. Students look at texts in a deeper, more thoughtful way and enjoy sharing their opinions and insights with others. The course sequences have been developed to meet the needs, attitudes, interest, and future plans of the students.

### *English Language Arts 10-1*

5 Credits

Prerequisite: recommend minimum of 65% in English Language Arts 9

This course offers both literary and language components. Students study and analyze a variety of texts including: non-fiction, fiction, and poetry, drama, and feature films. Based on these texts, students are required to produce personal and critical responses in formats of print and non-print (presentation, visual, etc.). In order to complete the responses successfully, students use and develop their technology skills in presenting and managing information. This course is intended for academic students wishing to further their studies at a post-secondary institution.

### *English Language Arts 10-2*

5 Credits

Prerequisite: recommend 50-64% in English Language Arts 9

This course integrates English Language Arts and life-skills. It allows students to expand their knowledge of language in practical and interesting ways. Greater emphasis is placed on responding, exploring and supporting their own views. Students analyze advertisements, learn about media awareness, increase reading comprehension skills and use a variety of computer programs.

**Commitment**

**Empathy**

**Enthusiasm**



***English Language Arts 10-4 (KAE)***

5 Credits

Prerequisite: below 40% in Language Arts 9 plus recommendation from the Language Arts 9 teacher and/or counselor.

Students will enhance basic language competencies in the areas of: reading, writing, listening, viewing, verbal and nonverbal communications and research.

***English Language Arts 20-1***

5 Credits

Prerequisite: highly recommend minimum of 60% in English Language Arts 10-1

In English 20-1 students continue to develop essay writing and personal response skills by responding insightfully to various pieces of literature. They will study a novel, a modern play, a Shakespearean play, Canadian themed short stories and a variety of poems. Students grow in their abilities to support their ideas by embedding quotations from literature fluently and persuasively. This course enhances the skills required to take grade twelve academic English course.

***English Language Arts 20-2***

5 Credits

Prerequisite: minimum of 50% in English 10-2

This course focuses on improving speaking and writing skills. Students explore short stories, plays and creative poetry. Formal and informal writing increases student confidence in writing.

***English Language Arts 20-4 (KAE)***

5 Credits

Prerequisite: minimum 50% in English 10-4

Students continue to develop their language competencies and exploration of language in order to become successful communicators. Emphasis is placed on the development and application of reading and writing skills.

***English Language Arts 30-1***

5 Credits

Prerequisite: highly recommend minimum of 60% in English 20-1

This academic course focuses on the study of literature through novels, short stories, non-fiction and poetry. Emphasis is placed on the study of a Shakespearean and modern play. This course requires a rigorous work ethic and requires a firm commitment to produce work of the highest academic standing.

***English Language Arts 30-2***

5 Credits

Prerequisite: minimum of 50% in English 20-2

This program is a continuation of English 20-2. Emphasis is placed on practical communication skills rather than a study of literature. It prepares students for the communication demands of the business world. There is a focus on the business letter, the speech, inquiry skills, non-fiction as well as fiction reading. Students continue with the language arts strands of reading, writing, viewing, listening, speaking and representing. Critical thinking skills in practical situations are also stressed.

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### *English Language Arts 30-4 (KAE)*

5 Credits

Prerequisite: minimum of 50% in English 20-4

Students continue to strengthen their skills in language competencies and exploration of language in relation to everyday living. Students who successfully complete this course may earn a Certificate of High School Achievement.

### *Mathematics*

The high school Mathematics program is designed to prepare students to mathematically solve problems, communicate and reason, make connections between concepts and their applications, and make informed decisions as a contributor to society. The Mathematics program provides all students with a strong foundation of knowledge, processes, and problem-solving strategies.

### *Mathematics 10C*

5 Credits

Prerequisite: highly recommend minimum of 65% in Mathematics 9

This combined course is the starting point for both the “-1” and the “-2” course sequences. Each topic area requires that the students develop a conceptual knowledge base and skill set that will be useful in both subsequent course sequences. Specific topics of study include relations and functions, exponents, surface area and volume, factoring of polynomials, and trigonometry.

### *Mathematics 10-3*

5 Credits

Prerequisite: recommend minimum of 40% in Mathematics 9

Mathematics 10-3 is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry to the work force (note: some trades occupations may require a more rigorous mathematics background). Specific topics of study include finance, geometry, measurement and trigonometry.

### *Mathematics 10-4 (KAE)*

5 Credits

Prerequisite: below 40% in Mathematics 9 plus recommendation from the Mathematics 9 teacher and/or counselor. This KAE course is designed for students completing the Certificate of High School Achievement. Math 10-4 provides a review of basic math skills and an introduction to daily financial math.

### *Mathematics 20-1*

5 Credits

Prerequisite: recommend minimum of 65% in Mathematics 10C

This course sequence is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of calculus. Topics in this sequence include sequences and series, trigonometry, quadratics, absolute values, radicals, inequalities, system of equations.

**Commitment**

**Empathy**

**Enthusiasm**



*Mathematics 20-2*

5 Credits

Prerequisite: minimum of 50% in Mathematics 10C

This course is intended for students who plan on entering a post-secondary field **not requiring calculus**. Specific topics of study include reasoning, trigonometry, statistical reasoning, radicals, quadratic functions and equations.

*Mathematics 20-3*

5 Credits

Prerequisite: minimum of 50% in Mathematics 10-3

The course is intended for students who intend to enter an apprenticeship or trade program or who plan on entering the work force after graduation. Students in Mathematics 20-3 study measurement involving triangles, 2D and 3D objects, scale diagrams, analyze and interpret graphs, personal finance mathematics, surface area and volume.

*Mathematics 20-4 (KAE)*

5 Credits

Prerequisite: minimum of 50% in Mathematics 10-4

Students in Math 20-4 review basic mathematic skills and daily financial math. Topics covered include: decimals, fractions, measurement (both Imperial and Metric), and consumer math. Consumer math focuses on income, consumer credit and independent living.

*Mathematics 30-1*

5 Credits

Prerequisite: Recommend minimum of 65% in Mathematics 20-1

This course is intended for students who intend to take calculus in their Grade 12 year or are entering a post-secondary program which requires calculus. The course covers concepts in transformations, logarithms, trigonometry, polynomial functions, permutations and combinations, the fundamental counting principle and the binomial theorem.

*Mathematics 30-2*

5 Credits

Prerequisite: minimum of 50% in Mathematics 20-2 or minimum of 40% in Mathematics 20-1

This course is designed for students planning to attend university but not necessarily in a math related field. This course covers concepts in set theory, logic puzzles, probability, permutations, combinations, the fundamental counting principle, rational expressions, logarithms, polynomials and sinusoidal data. **Note: It is very important that students realize that this course has rigor and is valued by universities.**



**Mathematics 30-3**

5 Credits

Prerequisite: minimum 50% in Mathematics 20-3

This course is designed for students who intend to enter an apprenticeship or trades program or who plan on entering the work force after graduation. It covers such mathematical concepts as measurement, trigonometry, transformations of shapes, logic problems and puzzles, personal finance, linear relations and statistics and probability.

**Mathematics 31**

5 Credits

Co-requisite: Mathematics 30-1

Mathematics 31 is designed to introduce students to the mathematical methods of calculus. The course builds on students' existing knowledge from the Mathematics 10C, 20-1 and 30-1 curriculum, and expands this knowledge into the understanding of limits, derivatives, and integral calculus. Emphasis in this course will be placed on preparation to further study calculus in university or technical schools.

**Science**

The high school Science program is designed to provide opportunities for students to develop knowledge, skills and attitudes that they need to explore interests and prepare for further education and careers. It is guided by the vision to enable students to become a scientific literate member of society and maintain a sense of wonder and awe at the world around them.

**Science 10**

5 Credits

Prerequisite: recommend minimum of 60% in both Science 9 and Mathematics 9

This course is the starting point for the Biology 20, Chemistry 20, Physics 20 and/or Science 20 course sequences. Specific topics of study include chemical change, technological systems, living systems, energy flow in global systems.

**Science 10-4 (KAE)**

5 Credits

Prerequisite: below 40% in Science 9 plus recommendation from the Science 9 teacher and/or counselor

This is a practical course which leads to Science 20-4 and qualifies a student for an Alberta Certificate of High School Achievement. This is a general, practical based course which covers four themes: investigating properties of matter, understanding energy transfer technologies unit, investigating matter and energy in living systems, and investigation matter and energy in environmental systems.





**Science 14**

5 Credits

Prerequisite: recommended when marks are below 60% in Science 9

It is a practical course for those not planning to attend a post-secondary institution and continuing on to Science 24 which qualifies students for an Alberta High School Diploma. This course covers four main themes: properties of matter, energy transfer technologies, matter and energy in living systems and matter and energy in the environment.

**Science 20 (Only offered via ADLC)**

5 Credits

Prerequisite: minimum of 50% in Science 14

Everything changes! If you're interested in science but don't plan to pursue a post-secondary program with a focus on science, this is the course for you. In Science 20, you'll explore the concept of change, including chemical changes and changes in motion, and get an overview of topics in biology, chemistry, and physics.

**Science 24**

5 Credits

Prerequisite: minimum of 50% in Science 14

Students study the role of science in society and its relationship with technology. The four units used to acquire these skills are: applications of matter and chemical change; understanding common energy conversion systems; disease defense and human health and motion; change and transportation safety. Completion of this stream will qualify the student for their science credits for their Alberta High School Diploma.

**Science 20-4 (KAE)**

5 Credits

Prerequisite: minimum of 50% in Science 10-4

This course is project based and emphasizes practical work. It covers the same basic units as Science 24, including application of matter and chemical change; understanding common energy conversion systems; disease defense and human health; and transportation safety.

**Science 30 (Only offered via ADLC)**

5 Credits

Prerequisite: minimum of 50% in 1 of Biology 20, Chemistry 20, Physics 20, Science 20

Taking science further! In this course, you'll investigate topics such as circulation and genetics, acid-base chemistry, organic chemistry, electromagnetic radiation, and energy resources. This course is an academic science course that covers biology, chemistry, physics, and environmental science.

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## *Biology*

This program investigates life sciences and is recommended for students interested in further study in biological sciences and/or a career in sciences.

### *Biology 20*

5 Credits

Prerequisite: recommend minimum of 60% in Science 10

Topics studied include the biosphere, ecosystems and population change, cellular respiration and photosynthesis, and human systems including nutrition and the digestive system, the circulatory system and immunity, the respiratory system, the excretory systems, and the motor system.

### *Biology 30*

5 Credits

Prerequisite: recommend minimum of 60% in Biology 20

There are four major areas of study in Biology 30. These include the nervous and endocrine (hormone) systems, human reproduction and development, cell division, genetics, molecular biology, and population and community dynamics.

## *Chemistry*

This course stream is recommended for those intending to follow careers in life sciences, physical sciences and applied sciences.

### *Chemistry 20*

5 Credits

Prerequisite: recommend minimum of 60% in Science 10

This course consists of four units of study: diversity of matter and chemical bonding, gases, matter as solutions, acids and bases; and quantitative relationships in chemical change. This course includes an extensive laboratory component aimed at developing student interest in scientific inquiry, collaborative skills, environmental stewardship and safe practices.

### *Chemistry 30*

5 Credits

Prerequisite: recommend minimum of 60% in Chemistry 20

The themes of change, energy, matter, and systems are studied in terms of thermochemical changes (heat energy of chemical reactions), electrochemical changes (electrical energy changes), and chemical equilibrium focusing on acids and bases, and chemical change of organic compounds. This course includes an extensive laboratory component aimed at developing student interest in scientific inquiry, collaborative skills, environmental stewardship and safe practices.

## *Physics*

Physics is an academic program recommended for students interested in careers and/or further study in the sciences, engineering, applied sciences and the technologies. Students registering in the Physics program are strongly advised to take Math 10C, 20-1 and 30-1.

**Commitment**

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### *Physics 20*

5 Credits

Prerequisite: recommend minimum of 60% in both Science 10 and Mathematics 10C

The main focus of this challenging course is to develop an understanding of the physics of motion through experiments and mathematical models. The goals of this course are not limited to knowledge of the course content. Students are also expected to demonstrate critical and creative thinking skills. The units of study include: motion in 1D and 2D, forces and energy, circular motion and gravitation, and simple harmonic motion and waves.

### *Physics 30*

5 Credits

Prerequisite: recommend minimum of 60% in Physics 20

Diversity of matter and energy are the predominant themes in this course. As in Physics 20, students will continue to develop their independent problem solving and critical and creative thinking skills. The units of study include: conservation of momentum, electric and magnetic field theory, electromagnetic radiation (wave and quantum models), and atomic and nuclear physics.

### *Social Studies*

Social Studies courses assist students in acquiring the basic knowledge, skills and attitudes needed to be responsible citizens and contributing members of society. Students learn to use problem-solving, decision-making and critical and creative-thinking strategies to address issues. The context of the courses draws upon history, geography, economics, other social sciences, the behavioral sciences and the humanities.

### *Social Studies 10-1*

5 Credits

Prerequisite: recommend minimum of 60% in Social Studies 9

Students study how globalization shapes our world today. They learn how the world is interconnected and interdependent via global trade, transportation, communication technology and media.

### *Social Studies 10-2*

5 Credits

Prerequisite: recommend 50%-64% in Social Studies 9

Students in 10-2 follow the same curriculum as 10-1 with less emphasis on major writing assignments.

### *Social Studies 10-4 (KAE)*

5 Credits

Prerequisite: below 40% in Social Studies 9 plus recommendation from the Social Studies 9 teacher and/or counselor.

Students explore the effects of globalization on lands, cultures, human rights and quality of life. They also study the effects of globalization on peoples in Canada and other locations, including the impact on Aboriginal and Francophone communities.

**Commitment**

**Empathy**

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***Social Studies 20-1***

5 Credits

Prerequisite: recommend minimum of 60% in Social Studies 10-1

Students increase their essay writing and research skills. Current events is a daily component of the class. Nationalism and its development through history is studied through such world events as the French Revolution, Napoleon, World War I, World War II, the breakup of Yugoslavia, the Palestinian question, Aboriginal issues and Quebec separatism.

***Social Studies 20-2***

5 Credits

Prerequisite: minimum of 50% in Social Studies 10-2

Students in this class study the same concepts as in Social 20-1, but with less emphasis on the essay.

***Social Studies 20-4 (KAE)***

5 Credits

Prerequisite: minimum of 50% in Social Studies 10-4

Students examine various forms of nationalism and apply their perceptions to their own identity and sense of citizenship. They will investigate the influence of nationalism on historical and contemporary events. Students will explore the impacts of nationalism and internationalism. They develop understandings of First Nations, Métis, and Inuit and Francophone perspectives on nationalism.

***Social Studies 30-1***

5 Credits

Prerequisite: recommend minimum of 60% in Social Studies 20-1

Social 30-1 explores the origins and complexities of ideologies. The political and economic spectrum is the focus of the entire course. Case studies such as the rise of dictatorships and the Cold War illustrate the differences between political and economic systems. Current events are also an integral component of the course. Social 30-1 focus is on two types of essays; the analysis paper, and the other a position paper.

***Social Studies 30-2***

5 Credits

Prerequisite: minimum of 50% in Social Studies 20-2

Social 30-2 students explore the origins and complexities of ideologies. The political and economic spectrum is the focus of the entire course. Case studies such as the rise of dictatorships and the Cold War illustrate the differences of the political and economic systems. Using real world examples of current events enhances student understanding of the material covered in class. Social 30-2 students write a number of opinion essays.



## *Complementary Courses*

### *Physical Education*

#### **General Outcomes of PE Courses at Vegreville Composite High School**

Students in PE classes at VCHS shall:

1. Acquire skills through a variety of developmentally appropriate movement activities.
2. Understand, experience and appreciate the health benefits that result from physical activity.
3. Interact positively with others, demonstrating teamwork and sportsmanship.

#### *Physical Education 10 (required for graduation)*

3 Credits

PE 10 activities include: aquatics, badminton, basketball, fitness, dance, flag football, curling, bowling, touch rugby, slo-pitch, volleyball and other games.

#### *Physical Education 20*

3 Credits

Prerequisite: minimum of 50% in Physical Education 10

This course emphasizes individual sports such as tennis, golf, badminton, curling, aquatics, and fitness.

**Anticipated cost: \$50.00**

#### *Physical Education 30*

5 Credits

Prerequisite: recommend minimum of 60% in Physical Education

This course emphasizes the development of individual and leadership skills in areas such as golf, tennis, bowling, curling, aquatics, badminton, and outdoor education.

**Anticipated course cost: \$25.00**

**Anticipated field trip cost: \$75.00**

### *Second Language*

#### *French 10-20-30-3Y*

5 Credits per level

The goals of French as a Second Language (FSL) 3 year program are to develop students' communication skills, linguistic competence and appreciation of French culture in Alberta, Canada and around the world.

Through various fields of experience and student interests, students will learn to communicate in French:

- To impart and receive information,
- To express emotions and perspectives,
- To get things done,
- To form, maintain and change personal relationships,
- For imaginative purposes and personal enjoyment.

Students will develop and use language-learning strategies to become proficient and reflective learners of French. We concentrate on two main components of language acquisition in this course, which are comprehension and production. Our key learning

**Commitment**

**Empathy**

**Enthusiasm**



outcomes (see below) will be covered in 4 different themes through the semester. The students will engage in a wide variety of project based learning to help deepen their interest and understanding of the French language and culture.

### *Other Courses*

#### *CALM (Career and Life Management) 20*

3 Credits

CALM is a required course for high school graduation. It covers the following 3 themes: Career and the World of Work, Relationships and Independent Living

#### *Career Transitions*

3 Credits

Taken in conjunction with Physical Education 10 for all students

In this course students will take four 1-credit modules: HCS3000 Workplace Safety Systems, HCS3010 - Workplace Safety Practices, CTR1010 - Job Preparation and HCS2020 - Emergency First Aid. The first three modules are pre-requisites for Work Experience and provide students with some background knowledge to help prepare them for the job site.

#### *Class V Driver Training 35*

3 Credits

Prerequisite - Class 7 Learners Driver's License

This course is required to meet the minimum standards set by the Alberta Transportation which includes 15 hours of classroom instruction and 10 hours of in-car driving lesson and exceeds both requirements with 26 hours classroom instruction, 14 hours driving lessons and 30 hours at-home practice driving. Students will learn how to operate a class-5 vehicle in Alberta in accordance with federal, provincial, and municipal laws. The course will include a variety of topics such as: collision avoidance, fuel-efficient driving techniques, and distracted driving. Instruction also includes information on insurance, registration and what is required when buying and selling a vehicle.

**Anticipated Cost: \$800** (\$200 deposit is required to secure a spot, \$600 balance due mid-semester and a \$200 **refund** awarded upon certification)

### *Leadership*

#### *Athletic Leadership 10, 20, 30 (Off timetable)*

6 Credits

This exciting co-ed context is intended to provide learning opportunities for students with a passion for athletics and sports. Students assess the impact of mental fitness on optimal sport, artistic and/or academic performance and motivation. Students evaluate the impact of confidence, belief, emotions, self-awareness, rest and relaxation on optimal performance. Additionally, students learn about the characteristics of positive mentoring relationships in their personal lives and society.

**Commitment**

**Empathy**

**Enthusiasm**



### *Cougar Council Leadership 10, 20, 30 (Off timetable)*

5 Credits

A wide variety of students become involved in Leadership, a course that promotes Cougar Pride & develops individual skills. Students develop a plan for their personal growth and examine the various behaviors, skills and roles of team members that contribute to team effectiveness. In addition to planning and promoting school activities, students interact with community leaders, and have respectable guest speakers sharing their leadership experiences. Students receive credits for their participation and performance.

### *Career and Technology Studies*

CTS courses are taught in a module format where students are required to complete a number of tasks (Module Learner Expectations, MLE) in order to earn specific credits.

### *Communication Technology 10, 20, 30*

5 Credits

Communications Technology is a branch of the MDS branch in CTS (Career and Technology Studies) helps students build their understanding of how people can best share ideas using 2D media. Through various fields of experience and student interests, students will learn to communicate using:

- Raster Graphics & Adobe Photoshop
- Photography
- Vector Graphics & Adobe Illustrator
- Filmmaking & Editing
- Sublimation Printing
- Large Format Printing
- Basic Presentation Skills

**Anticipated cost: \$30.00**

### *Construction Technology*

In Construction Technology, students are trained in processes and procedures relating to carpentry and cabinet making trades. Students gain extensive knowledge of industry standards while working with numerous power tools. Trade oriented math is reinforced in real-world scenarios, such as calculating trusses for a garage roof. This course is recommended for any student pursuing a career requiring 3-dimensional thinking and/or entering the workforce in a trade, as well as students wishing to become proficient in carpentry.

### *Construction Technology 10*

5 Credits

This is an introductory course that lays the groundwork for Construction Technology 20 and 30. Throughout the course, students gain proficiency on power tools and procedures by manufacturing progressively more difficult projects, such as cutting boards, decorative boxes, and garages. Once students have become proficient, they are required to plan, organize, and construct a final project of their choice.

**Anticipated cost: \$100.00**

**Commitment**

**Empathy**

**Enthusiasm**





### *Construction Technology 20*

5 Credits

In Construction Technology 20, students move from proficiency towards mastery of tools and procedures. Rather than building several smaller projects, students are required to build larger, more complex projects, including a frame and panel blanket chest with a hidden drawer. This project pushes students to develop 3-dimensional thinking and math skills. The cabinet making trade is emphasized throughout the course.

**Anticipated cost: \$110.00**

### *Construction Technology 30*

5 Credits

Construction Technology 30 is designed to prepare students to enter the workforce. After passing this course, students will be at a pre-apprenticeship level, ready to start a career in the trades. Students work much more independently than in previous courses, and are more involved in the design phase of their projects. Take this course if you want to start training for your career in cabinet making/carpentry, or you just really love construction.

**Anticipated cost: \$110.00**

### *Cosmetology*

In this program students pursue the art and science of beauty care.

#### *Cosmetology 10*

5 Credits

Cosmetology 10 is an introductory program designed to introduce students to hair and skin techniques. Students will learn introductory techniques in hairstyling, permanent waving, skin care, nail care and make-up. A great course to enhance skills you can use at home.

**Anticipated cost: \$75.00**

#### *Cosmetology 20*

5 or 10 Credits

Prerequisite: minimum of 50% in Cosmetology 10

This course provides a solid foundation for students wishing to pursue a career in cosmetology. The course may focus on either hairstyling or esthetics, or a combination of each. Students learn haircutting, hair coloring, permanent waving body adornment, manicures, make-up, facial waxing and eyebrow tinting.

**Anticipated cost: \$75.00 (5 credits), \$150.00 (10 credits)**





### *Cosmetology 30*

5 or 10 Credits

This course builds on the practical skills in coloring, highlighting, hairstyling, scalp care, and color removal, advanced cutting and professional practice. The advanced students also explore more of the Esthetics career in areas such as facial waxing, eyebrow tinting, pedicures, theatrical and spa awareness. Advanced cosmetology also focuses on client services which prepares students for employment in the Cosmetology industry. Self-confidence, speed, accuracy, customer service and work ethic are emphasized.

**Anticipated cost: \$75.00 (5 credits), \$150.00 (10 credits)**

### *Culinary Arts (Foods)*

Culinary Arts provides students with an introduction to the foodservice industry. Very much a 'hands-on' course, students spend a great deal of their time working in a spacious, well-equipped kitchen that is organized similar to a commercial kitchen. Whether the desire is to cook well for yourself, your family and friends or you wish to embark upon a career in the foodservice industry, the emphasis is on developing a knowledge of recipes and equipment as well as the development of safe, hygienic and efficient food preparation skills. Two potential career paths that start with this program include Chef/Cook Trade and the Pastry Chef/Baker Trade.

### *Culinary Arts 10*

5 Credits

Students develop an understanding of the professional kitchen learning safe and sanitary food handling procedures, equipment care, comprehension of recipes and the importance of efficient work habits. Modules included in Foods 10: Food Basics (Prerequisite), Contemporary Baking, Meal Planning, Canadian Heritage Food, Food and Nutrition Basics and Snacks and Appetizers.

**Anticipated cost: \$40.00**

### *Culinary Arts 20*

5 Credits

Students continue to build on their skills, refining the techniques they learned in Culinary Arts 10. Modules for this level include: Soups and Sauces, Basic Meat Cookery, Fish and Poultry, Yeast Breads, Grains, Legumes, Pulses, Nuts and Seed, Legumes, Milk and Egg Products and Creative Cold Foods.

**Anticipated cost: \$40.00**

### *Culinary Arts 30*

5 Credits

Masters of skills, these advanced students will be taking on leadership roles as they mentor the introductory students in the cafeteria. Modules in this level include: Creative Baking; Advanced Yeast Products; Advanced Soups and Sauces, Food Presentation, Short Order Cooking, Advanced Meat Cookery and Food for Life Stages.

**Anticipated cost: \$40.00**

**Commitment**

**Empathy**

**Enthusiasm**



### *Opportunities for Advanced Learning:*

Students who are considering pursuing a career in the foodservice industry, or who just love to cook, are encouraged to continue enrolling in Culinary Arts. Additional modules may include Entertaining with Foods, International Cuisine and many more. Another option is to apply your time in the cafeteria to gain Work Experience credits. Opportunities also exist for competing in culinary competitions which, for many Vegreville Composite grads, have been valuable for career networking and may also be a stepping-stone to international competitions!

### *Design Studies*

5 Credits

Design Studies is a branch of the MDS branch in CTS (Career and Technology Studies) helps students build their understanding of how 3D objects are designed and built. Form and function are huge factors when looking at good industrial design. Through various fields of experience and student interests, students will learn to communicate using:

- Sketching 3D objects and orthographic drawings
- CAD modelling
- Planning and creating sketch models for product and furniture designs
- Interior and exterior design for homes and spaces

**Anticipated cost: \$40.00**

### *Fashion Studies*

5 Credits

Students expand their knowledge of design, construction and the fashion industry. Students start the semester by exploring Fashion Dynamics where they look at why people choose the clothing they wear, fashion fads and design choices like color. In Redesign, Recycle and Restore students look at the blue jean industry then design and create a project using recycled jeans. Students will also receive credit for Sewing Fundamentals by sewing this project. In Fashion Illustration 1, students learn how to draw a 9-head croquis in various poses, dress the model and add hair styles and accessories. One of these designs may inspire their garment they make in Construction Fundamentals 1. Pattern selection, alteration, and comprehension will be practiced as they construct a garment of their choice and skill level. Students may also be invited to attend Western Canada Fashion week in the fall or spring to view both experienced and youth designers.

**Anticipated cost: \$75.00**

### *Mechanics*

Mechanics is designed to provide students with an opportunity to develop safe work habits and the basic skills needed to work in a Mechanics shop. Whether students are planning a career in the industry or simply want to be an informed vehicle owner, Mechanics is an excellent opportunity for all students.



***Mechanics 10***

5 Credits

Mechanic Modules at the Introductory Level Include: Shop Safety, Mechanics Tools & Materials, Vehicle Service & Care, Vehicle Hydraulics, Mechanical Systems, Engines, and Suspension & Steering.

**Anticipated cost: \$75.00*****Mechanics 20***

5 Credits

Mechanic Modules at the Intermediate Level Include: Electrical Systems, Vehicle Maintenance, Braking Systems, Drive Trains, Transmissions, Steering and Suspensions, Engine Lubrication and Cooling, Fuel and Exhaust Systems, Ignition and Emission Control Systems.

**Anticipated cost: \$75.00*****Mechanics 30***

5 Credits

Mechanic Modules at the Advanced Level Include: Steering & Suspension Service, Drive Train Repair, Power Assisting Systems, Safety Systems, Power Assist Accessories, Computer Systems, Engine Diagnosis, Engine Tune-up, Engine Replacement, and Engine Reconditioning.

**Anticipated cost: \$75.00*****Personal Fitness 10, 20, 30***

6 Credits

This exciting course is intended to provide learning opportunities for students with a passion for athletics, personal wellness and sports. It is comprised of; fun activities, structured physical fitness through speed & strength training and development, as well as some classroom instruction.

Themes include elements such as nutrition, goal setting and mental training, all of which center on sport and the application of sport into life both inside and outside of school. This material will review topics and issues **not** traditionally present in the regular physical education program. Students in this course will improve upon their balance, coordination, speed, flexibility, strength, agility and power.

This co-ed learning context has been purposefully designed to promote self-awareness, team building and life-long wellness skills. This course is perfect for students interested in acquiring the skills and discipline to be healthy and active for the duration of their lives. In these courses, a desire to improve and an evolving work ethic are key to success.

Personal Fitness 10, 20, 30 can be included in your average when calculating for the *Alexander Rutherford Scholarship* and may fulfill a portion of the “30-level” graduating requirement.

**Anticipated cost: \$25.00****Commitment****Empathy****Enthusiasm**

## *Independent Study*

Independent Study is a designated block within the timetable where students work at their own pace on course materials in a designated location. Once course requirements are met, students may apply for “Early Completion Status”.

### *Aboriginal Studies 10, 20, 30*

5 Credits each level

The focal point of Aboriginal Studies is the wealth and diverse nature of Aboriginal languages and cultures. It is intended to provide a conceptual framework for all learners to enhance understanding of the diverse Aboriginal cultures within Canada and the world.

This course is based on perspectives and worldviews of Aboriginal peoples. It includes the study of traditions and history of Aboriginal peoples in Canada, and particularly in Alberta. Student learning outcomes provide opportunities to examine such topics as governmental structures, literature, the arts and the sciences.

## *Business Studies*

### *Financial Management*

5 Credits

Financial management is designed to introduce students to the world of finance. Students can expect to learn about the basic details surrounding personal and business finances. Students will also explore the accounting procedures within a retail setting; analyzing transactions, preparing accounts receivable/payable, and ledgers. These courses will not only create a foundation of understanding for further learning but will also prepare students with life skills for later.

### *Legal Studies 20, 30*

5 Credits each level

Legal Studies is designed to provide you with the knowledge, skills and attitudes required to understand the impact of law in your daily lives. It is important that you familiar with your individual rights and responsibilities as a citizen of Canada. This is a self-directed course wherein students at the introductory or advanced level work independently through materials provided in the Google online Classroom. Students will work out of the Learning Commons at their own pace. Advanced legal course meets 30 level CTS graduation requirements in addition to Alexander Rutherford Scholarship requirements.

### *Marketing & Management 20, 30*

This course is designed to teach you about marketing and management, having goods and services in the right place, at the right time, and at the right price for consumers. You will learn how to develop managerial and marketing skills that can be applied in your personal lives, the community and the workplace. You will examine target markets, design logos/slogans, create visual displays around the school, promote school events and have the opportunity to create your own venture. This is a self-directed course wherein students at the introductory or advanced level work independently through materials provided in the Google online Classroom. Students will work out of the Learning Commons at their own pace. Advanced Marketing course

**Commitment**

**Empathy**

**Enthusiasm**



meets 30 level CTS graduation requirements in addition to Alexander Rutherford Scholarship requirements.

### *Tourism \*Only available to students in grades 11 and 12*

Tourism is one of the world's great industries. Even in times of economic slowdown, people need to travel for business and for pleasure. The Discover Tourism course is designed to introduce you to the travel and tourism industry and highlight some of the possible careers in travel and tourism you could pursue. This is a self-directed course wherein students at the introductory or advanced level work independently through materials provided in the Google online Classroom or via the ADLC website. Students will work out of the Learning Commons at their own pace.

### *Tourism Introductory Level*

At the completion of Introductory Tourism students will be able to identify tourism sectors and the different industries that make up each sector. Describe different types of travellers and the motivating factors for travelling. Identify the importance of providing quality guest service to customers and understand basic competencies in guest service. Moreover they will develop strategies for overseeing the safety and security of guests. Lastly, identify issues, operating policies and service standards relating to different accommodation types.

### *Tourism Advanced Level*

Prerequisite: Introductory Tourism

Students demonstrate knowledge of world tourism and geography by presenting travel information about North America and at least one other world region. Furthermore, students create and evaluate an Alberta or Canada tour package and/or an international travel package, including itinerary, tour and attractions information, and traveller information.

## *Psychology/Sociology*

### *Abnormal Psychology*

3 Credits

Have you ever wondered about mental illnesses and how it affects those who suffer from it? In Abnormal Psychology 35, you'll get an overview of abnormal behaviour and mental conditions that afflict individuals in Canadian society. Learn about views of abnormality, causal factors, and types of disorders, as well as assessment, prevention, and treatment. With successful completion, you'll gain a basic understanding of the major concepts in abnormal psychology and the complicated nature of psychological illness.

### *General Psychology*

3 Credits

What a curious thing the human brain is. In this course, you'll get a general overview of psychology, including its history and the psychological principles of learning and thinking. You'll also learn about stress and aggression, the influence of small groups, and the status of roles while gaining insights into neurosis and psychosis.

**Commitment**

**Empathy**

**Enthusiasm**



### *Personal Psychology*

3 Credits

Get a glimpse into the human brain. In this course, you'll be introduced to the science of the brain as you study various branches of psychology, personality development, and perception. You also learn about general psychology concepts, including personality, behaviour, and intelligence

### *General Sociology 20*

3 Credits

General Sociology 20 will provide students with general background introduction to the study of human behavior in various group settings. The social science of sociology focus on family interactions, teams and other group settings where various human behaviors occur.

### *Other*

#### *ICALM \*Only upon approval from administration*

3 Credits

ICALM is a 3 credit course completed by independent study. ICALM is a 3 credit course taught through an independent delivery method outside the regular timetable. Students registering for this class must be independent learners.

### *Fine Arts*

Allowing students to explore their creativity is an important component of a well-rounded education. Fine Arts courses serve to enrich the education of our students through exposure to Instrumental Band, Jazz Band, Art, and Drama. Additional opportunities exist for student to perform outside the school as members of Concert Band, Jazz Band, and Drama courses. Students may include Instrumental Music 30, Art 30, or Drama 30 towards their GPA for a variety of post-secondary entrance requirements.

#### *Art 10*

5 Credits

Art 10 focuses on the various aspects of visual learning including Drawing, Encounters and Composition. Students will be developing skills in drawing, painting, sculpture, and design and art appreciation. Students develop and maintain a sketchbook throughout the course.

**Anticipated cost: \$40.00**

#### *Art 20*

5 Credits

Prerequisite: minimum of 50% in Art 10

Art 20 focuses on the various aspect of visual learning including Drawing, Encounters and Composition. Students will continue developing skills in drawing, painting, sculpture, design and art appreciation while starting to develop a personal style and artist vision. Students develop and maintain a sketchbook throughout the course.

**Anticipated cost: \$40.00**

**Commitment**

**Empathy**

**Enthusiasm**



### *Art 30*

5 Credits

Prerequisite: minimum of 50% in Art 20

Art 30 focuses on the various aspect of visual learning including Drawing, Encounters and Composition. Students will continue to enhance skills in drawing, painting, sculpture, design and art appreciation while developing their personal style and artist vision. Additionally students will develop and maintain a portfolio throughout the course which is useful when applying to post-secondary art programs. Students develop and maintain a sketchbook throughout the course.

**Anticipated cost: \$40.00**

### *Music Program*

#### *Instrumental Jazz 15, 25, 35 (Jazz Band) (Off timetable)*

5 Credits

Co-requisite: Special Permission or Instrumental Music 10, 20, 30

Non-semestered

This course is an opportunity for students to learn the many different styles and improvisational techniques jazz, big band, and stage band music. This course is performance oriented, but elements of music history, ear training, and theory will be included. Students will be preparing for concerts, festivals, clinics, and tours. This class will be open to players of concert band instruments as well as bass, guitar, piano, and drums.

This class will run outside the regular timetable. Students will meet twice a week during lunch hour.

#### *Instrumental Music 10, 20, 30 (Band) (Off timetable)*

5 Credits

Prerequisite: Special Permission of Instrumental Music 9

Non-semestered

This course is for students interested in learning concert wind music through playing woodwind, brass and percussion instruments. Previous playing experience is required. This course is performance oriented, but elements of music history, ear training, and theory will be included. Students will be preparing for concerts, festivals, clinics, and tours.

This class will run outside the regular timetable. Students will meet twice a week before school.

**Anticipated cost: \$100.00 (\$25.00 Course Fee, \$75.00 Instrument Rental Fee)**

### *Drama Program*

#### *Drama 10*

5 Credits

Drama 10 provides an in-depth focus on dramatic disciplines of movement, speech, improvisation, acting and theatre studies with emphasis on the production of a final showcase - either play or variety show. Students develop positive self-concept in an environment that focuses on team work. All students have an acting role and are responsible for technical aspects of their final production.

**Anticipated cost: \$25.00**

**Commitment**

**Empathy**

**Enthusiasm**





### *Drama 20*

5 Credits

Prerequisite: minimum of 50% in Drama 10

Drama 20 further develops students' movement, speech, improvisation, acting and theatre studies with an emphasis on the production of a final showcase - either play or variety show. Technical theatre skills are enhanced and student directing and playwriting is introduced. All students have an acting role and are responsible for technical and directing aspects of their final production.

**Anticipated cost: \$25.00**

### *Drama 30*

5 Credits

Prerequisite: minimum of 50% in Drama 20

Drama 30 provides an in-depth study of production elements such as movement, speech, improvisation, acting, theatre studies and directing with an emphasis on the production of a final showcase - either play or variety show. All students have an acting role in their final production. Drama 30 is accepted by universities and colleges as an entrance requirement for most faculties.

**Anticipated cost: \$25.00**

## *Off Campus Education*

### *Green Certificate Program*

16 Credits

Prerequisite: HCS 3000 Workplace Safety Systems, AGR 3000 Agricultural Safety

The Green Certificate Program is administered by Alberta Agriculture, Food and Rural Development. The program is delivered off campus and students may earn credits for successfully completing a Green Certificate Program by enrolling in any of the nine available Green Certificate Specializations:

- Cow-Calf Beef Production
- Dairy Production
- Equine Studies
- Feedlot Beef Production
- Field Crop Production
- Sheep Production
- Irrigated Field Crop Production
- Sheep Production
- Swine Production
- Bee Keeper Production

Each specialization has three areas of study. Green Certificate courses are not sequential and may be taken in any order. All credits earned in Green Certificate courses count towards Grade 12 graduation requirements.

**Anticipated cost: \$300.00** (\$300.00 deposit is required for registration, \$200.00 refund awarded upon successful completion of all 3 tests)





### *Work Experience 15, 25, 35*

5 - 10 Credits at each level; a maximum of 15 Work Experience credits may be counted towards an Alberta High School Diploma.

Prerequisite: minimum of 50% in each of HCA3000 Workplace Safety Systems and CTR1010 Job Preparation.

Work Experience courses are available to students in Grade 11 and 12. The Work Experience Program allows the school and community to combine resources to provide students with the opportunity to become familiar with world of work. Students in this program will have the opportunity to explore career interests, participate in meaningful work, and develop acceptable work habits and good interpersonal skills.

Students must successfully complete HCS3000 and CTR1010 (each worth one credit) before they begin their work placement. The majority of the student's time in Work Experience is spent at the job site; hours of work occur between 7:00 a.m. and 10:00 p.m., Monday through Sunday. Students are responsible for obtaining their own work station. All placements must be approved by the Off Campus Coordinator.

Transportation to and from the work site is the responsibility of the student.

### *RAP (Registered Apprenticeship Program)*

5 - 40 Credits

Prerequisite: minimum of 50% in each of HCS3000 Workplace Safety Systems, HCS3010 Workplace Safety Practices and CTR1010 Job Preparation plus a minimum of 3 Work Experience credits.

Students in the Registered Apprenticeship Program are considered full-time students and registered apprentices. Students in this program must be completing the required courses for an Alberta High School Diploma or the Certificate of Achievement. Before registering for this program, students must have successfully completed the prerequisites listed above, have approval from the Off Campus Coordinator, and obtain their own RAP placement. For more information about the Registered Apprenticeship Program, please contact the Off Campus Coordinator.

**Anticipated cost: \$25.00** (registration fee paid directly to the apprenticeship board)

### *School Fees*

Notice is sent out to parents when fees are calculated mid-September after timetable changes are complete. Payments can be made at school or online by accessing your Parent Portal- ACORN. School fees are due 30 days after they are assessed. Student school fees need to be in '*good standing*' to be eligible to participate on athletic teams, field trips, graduation activities and other school related activities and events.

