

VEGREVILLE
COMPOSITE HIGH SCHOOL



SENIOR HIGH

REGISTRATION BOOK

2025-2026

VEGREVILLE COMPOSITE HIGH SCHOOL



COMMITMENT | EMPATHY | ENTHUSIASM



Vegreville Composite High

Senior High Registration Book 2025-26

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

- CTS (Career & Technology Studies):
Commercial Foods, Construction Technologies, Cosmetology, Culinary Arts, Digital Design Studies, Mechanics, Personal Fitness
- Fine Arts: Art, Drama, Instrumental Music
- KAE (Knowledge & Employability) Program
- Leadership: Cougar Council
- LINKS (Learning Individual Needs Knowledge & Skills) Special Education
- Off-Campus Education: Work Experience, RAP (Registered Apprenticeship Program), Green Certificate
- Physical Education

Extra-curricular

- Athletics: badminton, basketball, cross-country, curling, football, golf, track and field, volleyball
- School Sponsored Clubs: Cougar Council, Skills Canada, Spectrum GSA Club, WISEST (Women in Scholarship, Engineering, Science & Technology)
- MHCB (Mental Health Capacity Building Initiative)

Student Services

Our guidance counsellor and MHCB (Mental Health Capacity Building Initiative) are available to assist 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/CALM (Career and Life Management) 20

Grade 11 - Required Courses:

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

Grade 12 - Required Courses:

English Language Arts 30 level
Social Studies 30 level

Elective Courses:

- Aboriginal Studies
- Art
- Commercial Foods
- Construction Technologies
- Cosmetology
- Culinary Arts
- Digital Design Studies
- Drama
- General Psychology
- Instrumental Music
- Learning Strategies
- Mechanics
- Personal Fitness
- Physical Education
- Psychology - Abnormal
- Wildlife

Off Campus

- Green Certificate
- RAP (Registered Apprenticeship Program)
- Work Experience

Dual Credit:

- American Sign Language
- Health Care Aide Roles & Responsibilities
- Human Development
- The Human Body, Health & Chronic Illness (Health Care Aide)
- Psychology 1040
- Sociology 1000
- Olds College Courses in:
 - Accounting
 - Animal Health Technology
 - Agriculture Technology
 - Ecology
 - Hospitality and Tourism
 - Sports Management

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 - RYCOR. 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.

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.

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 their maximum potential for functional living. Instruction is guided by an ISP (Instructional Support Plan) and builds on individual strengths and needs.

Cougar Council Leadership

Leadership opportunities allow students to develop and expand their communication and teamwork skills planning activities promoting school pride.





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

Recommend minimum of 60% 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

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.

English Language Arts 10-4 (KAE)

5 Credits

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

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 a grade twelve academic English course.

English Language Arts 20-2

5 Credits

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

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

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

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.

English Language Arts 30-4 (KAE)

5 Credits

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

Recommend minimum of 60% 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

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 workforce (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

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

Recommend minimum of 60% 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 requiring calculus**. Topics in this sequence include sequences and series, trigonometry, quadratics, absolute values, radicals, inequalities, system of equations.

Mathematics 20-2

5 Credits

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

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 workforce 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

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

Recommend minimum of 60% 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 requiring 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

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 accepted for post-secondary as entrance requirements.**

Mathematics 30-3

5 Credits

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 workforce 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 (Pre-Calculus)

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

Recommend minimum of 60% in both Science 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 14

5 Credits

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 10-4 (KAE)

5 Credits

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 investigating matter and energy in environmental systems.

Science 24

5 Credits

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

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.

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

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

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

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

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.

Physics 20

5 Credits

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

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

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

Recommend 40-59% 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

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.

Social Studies 20-1

5 Credits

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

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

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

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

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.



Elective 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

Anticipated fee: \$53.00

Prerequisite: minimum of 50% in Physical Education 10

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

Physical Education 30

3 Credits

Anticipated fee: \$53.00

Prerequisite: minimum of 50% in Physical Education 20

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

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 and Technology Studies (CTS)

CTS courses are taught in a module format where students are required to complete a number of module outcomes in order to earn specific credits. 30 Level CTS courses can be included in your average when calculating for the Alexander Rutherford Scholarship and may fulfill a portion of the “30-level” graduating requirement.

Construction Technologies 10, 20, 30

In Construction Technologies, 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 Technologies 10

5 Credits

Anticipated fee: \$92.00

This is an introductory course that lays the groundwork for Construction Technologies 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.

Construction Technologies 20

5 Credits

Anticipated fee: \$92.00

In Construction Technologies 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.

Construction Technologies 30

5 Credits

Anticipated fee: \$92.00

Construction Technologies 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.

Cosmetology 10, 20, 30

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

Cosmetology 10

5 Credits

Anticipated fee: \$78.00

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.

Cosmetology 20

5 Credits

Anticipated fee: \$78.00

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.

Cosmetology 30

5 Credits

Anticipated fee: \$78.00

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.



Commercial Foods 10/20/30

Minimum 5 Credits each level

Anticipated fee: \$10.00

This dynamic course provides students with a comprehensive foundation in culinary arts, preparing them for exciting careers in the foodservice industry. Under the guidance of a Journeyperson, students will gain hands-on experience in a professional kitchen environment, developing essential skills and knowledge. The Commercial Foods program offers students a close-up look at the demands, challenges, and rewards of a fast-paced culinary career. Opportunities 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!

Personal Foods 10/20/30

Minimum 5 Credits each level

Anticipated fee: \$75.00

Whether the desire is to cook well for yourself, your family and friends, Personal Foods provide students with the fundamental knowledge and skills necessary for successful food preparation and healthy eating. Through a combination of hands-on lab work and theoretical instruction, students will explore various culinary techniques, develop essential cooking skills, and gain a deeper understanding of food safety, nutrition, and healthy eating habits.

Work Experience credits can be gained by helping out into Cafeteria.



Digital Design Studies

5 Credits

Anticipated fee: \$42.00

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
- 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

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

Anticipated fee: \$78.00

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



Mechanics 20

5 Credits

Anticipated fee: \$78.00

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.

Mechanics 30

5 Credits

Anticipated fee: \$78.00

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.

Personal Fitness 10, 20, 30

5 Credits

Anticipated fee: \$22.00

This exciting course is intended to provide learning opportunities for students with a passion for athletics, personal wellness and sports. A variety of fun activities, structured physical fitness through speed and strength training and development, as well as classroom instruction are offered in this course.

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.

Wildlife

5 Credits

Anticipated fee: \$20.00

Wildlife is a CTS course designed to explore the intersection of wildlife and human societies. Students will investigate the relationships between wildlife and their habitats, human activity and its impact on wildlife, and conservation and wildlife management. Students will experience everything from primitive shelter building and fire starting to map making, fishing and archery. This course is designed to provide students a flexible, self-directed, and project-based learning environment.

Other

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 Art, Drama and Instrumental Music. Students may include Art 30, Drama 30 or Instrumental Music 30 towards their GPA for a variety of post-secondary entrance requirements.

Art 10

5 Credits

Anticipated fee: \$42.00

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.

Art 20

5 Credits

Anticipated fee: \$42.00

Art 20 focuses on the various aspects 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.

Art 30

5 Credits

Anticipated fee: \$42.00

Art 30 focuses on the various aspects 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.

Drama 10

5 Credits

Anticipated fee: \$25.00

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 teamwork. All students have an acting role and are responsible for technical aspects of their final production.

Drama 20

5 Credits

Anticipated fee: \$25.00

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.

Drama 30

5 Credits

Anticipated fee: \$25.00

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.

Instrumental Music 10, 20, 30 (Off timetable)

5 Credits

Anticipated fee: \$26.00

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.

Musical Theatre 15, 25, 35

5 Credits

Anticipated fee: \$35.00

In this exciting class, students will be performing a musical while learning about every role needed to make a production happen. From singing, choreography and prop making to costuming, makeup, and stage design, students will learn about all that it takes to create and perform a production on stage.

Off-Campus Education

Green Certificate Program

16 Credits

Prerequisite: AGR 3000 Agricultural Safety

The Green Certificate Program is a partnership between Alberta Education and Alberta Agriculture, Forestry and Rural Economic 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.

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 HCS3000 Workplace Safety Systems.

The Work Experience Program allows the school and community to combine resources to provide students with the opportunity to become familiar with the 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. 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 Education (OCE) Coordinator. No credit for hours worked are given until the site is approved and the completed Off-Campus Agreement form is submitted to the 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.

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 Education (OCE) Coordinator, and obtain their own RAP placement. For more information about the Registered Apprenticeship Program, please contact the OCE Coordinator.

Dual Credit

Through Dual Credit opportunities, students can earn college/university credits from a Post-Secondary institution and high school credits in select programs. These opportunities are in partnership with Elk Island Public Schools Division, Lakeland College, Portage College, Norquest College, Olds College, and Alberta Education. See a list of possible classes on page 3 of this guide.