

Course *Offerings*

2025-2026



Southern Okanagan Secondary School

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GRADE 8	GRADE 9	GRADE 10	GRADE 11	GRADE 12	
Core Subjects ☐ English 8 ☐ Social Studies 8 ☐ Science 8 ☐ Math 8 ☐ Physical & Health Education 8 ☐ French 8 or LS Electives ☐ _____ ☐ _____ ☐ _____ ☐ _____	Core Subjects ☐ English 9 ☐ Social Studies 9 ☐ Science 9 ☐ Math 9 or Math 9 Workplace ☐ Physical & Health Education 9 Electives ☐ _____ ☐ _____ ☐ _____ ☐ _____ ☐ _____	Core Subjects ☐ Literary Studies/Composition 10 ☐ Social Studies 10 ☐ Science 10 ☐ Math 10 Foundations & Pre-Calculus 10 or Workplace Math 10 ☐ Physical & Health Education 10 ☐ Career Life Education Electives ☐ _____ ☐ _____ ☐ _____ ☐ _____ ☐ _____	Core Subjects ☐ English 11 ☐ (EFP, or Pre-Ap EFP) ☐ Social Studies 12 _____ ☐ Science 11 _____ ☐ Math 11 _____ Electives ☐ _____ ☐ _____ ☐ _____ ☐ _____ ☐ _____	Core Subjects ☐ English Studies 12 ☐ Career Life Connections 12 Electives ☐ _____ ☐ _____ ☐ _____ ☐ _____ ☐ _____	
Graduation Requirements (80 credits) ☐ English 10 ☐ Science 10 ☐ Social Studies 10 ☐ Math 10 ☐ Physical Education 10 ☐ Career Life Education 10 ☐ English 11 ☐ Science 11 or 12 ☐ Social Studies 11 or 12 ☐ Math 11 or 12 ☐ English 12 ☐ Career Life Connections 12		☐ Gr. 10, 11 or 12 Electives (4 Credits) **2 courses MUST be at the grade 12 level 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____ 7. _____ ☐ Fine Arts Education or Applied Design, Skills & Technologies 10, 11 or 12 (4 Credits) _____			☐ Grade 10 Numeracy Assessment ☐ Grade 10 Literacy Assessment ☐ Grade 12 Literacy Assessment

GRADE 8

Required Courses	Options for 1 Block
English Social Studies Science Math Physical and Health Education Electives	French Okanagan

ENGLISH 8

Language and text can be a source of creativity and joy.	Exploring stories and other texts helps us understand ourselves and make connections to others and to the world.	People understand text differently depending on their worldviews and perspectives.	Texts are socially, culturally, and historically constructed.	Questioning what we hear, read, and view contributes to our ability to be educated and engaged citizens.
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English 8 equips students with the language and literacy skills they will need for success in school, community, career, and life. It provides students with the opportunity to become effective communicators, to develop and express their own ideas, and to think deeply and critically about the ideas of others. Through their study of language and texts, students have opportunities to develop a lifelong love of reading, writing, and learning. As they explore and create written, oral, and visual texts, students gain insight into their own lives and the lives of others.

SOCIAL STUDIES 8

Contacts and conflicts between peoples stimulated significant cultural, social, political change.	Human and environmental factors shape changes in population and living standards.	Exploration, expansion, and colonization had varying consequences for different groups.	Changing ideas about the world created tension between people wanting to adopt new ideas and those wanting to preserve established traditions.
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Students study changes in the world from the 7th Century to 1750. These changes include social upheaval, artistic advancement, exploration, invention, and colonization.

SCIENCE 8

Life processes are performed at the cellular level	The behaviour of matter can be explained by the kinetic molecular theory and atomic theory.	Energy can be transferred as both a particle and a wave.	The theory of plate tectonics is the unifying theory that explains Earth's geological processes.
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The purpose of the Junior Science program is to develop skills in critical thinking, scientific inquiry, writing in a scientific manner, and lab safety. The following topics will be covered: cell theory and types of cells, photosynthesis and cellular respiration, micro-organisms, KMT theory, atomic theory and models, electromagnetic radiation, light, plate tectonics, and the layers of the earth.

MATH 8

[Number](#) represents, describes, and compares the quantities of ratios, rates, and percents.

Computational [fluency](#) and flexibility extend to operations with fractions.

[Discrete linear relationships](#) can be represented in many connected ways and used to identify and make generalizations.

The relationship between surface area and volume of [3D objects](#) can be used to describe, measure, and compare spatial relationships.

Analyzing [data](#) by determining averages is one way to make sense of large data sets and enables us to compare and interpret.

The following topics will be covered: perfect squares and cubes, square roots and cube roots, percents, proportional reasoning, fractions, linear relations, expressions, two-step equations, surface area and volume, Pythagorean Theorem, central tendencies, theoretical probability and finances. This course focuses on students' computational and critical thinking skills.

MATH 8 BOOST

PHYSICAL AND HEALTH EDUCATION 8

Daily participation in different types of physical activity influences our physical literacy and personal health and fitness goals.

Lifelong participation in physical activity has many benefits and is an essential part of a healthy lifestyle.

Healthy choices influence our physical, emotional, and mental well-being.

Healthy relationships can help us lead rewarding and fulfilling lives.

Advocating for the health and well-being of others connects us to our community.

The goal of Physical Education 8 is to provide students with the knowledge, understanding and skills to maintain physical health throughout their lives. The aim is to have students appreciate the importance of well-being and its relationship to the intellectual, mental, and social health of individuals. Students will actively participate in units such as: floor hockey, volleyball, basketball, badminton, soccer, American football, weight training, dance and minor games.

FRENCH 8

Listening and viewing with intent supports our acquisition and understanding of French.

We can express ourselves and talk about the world around us in French.

With increasing fluency in French, we can participate more actively in [reciprocal](#) interactions.

We can share our experiences and perspective through [stories](#).

We can experience authentic Francophone cultures through [creative works](#).

Our understanding of culture is influenced by the languages we speak and the communities with which we engage.

This is an introductory course to the French as a Second Language (FSL) program using a new and innovative approach through the use of storytelling, story writing and acting. Through short stories, conversations and dialogues, Grade 8 students new to French will acquire high frequency vocabulary. French culture will also be explored.

OKANAGAN 8

An introduction to the language of the local indigenous Syilx people. Nsyilxcen (Okanagan) Language develops language proficiency as the students actively participate in an Okanagan oral immersion

class. Oral immersion instruction method develops proper pronunciation develops recognition, and differentiation of separate sounds in speech.

ELECTIVE COURSES

Applied Design, Skills and Technologies

Design can be responsive to identified needs.

Complex tasks require the acquisition of additional skills.

Complex tasks may require multiple tools and technologies.

STUDENTS ARE SCHEDULED INTO 4 of 5 OPTIONS BASED ON AVAILABILITY

ART 8

Art 8 is all about building a foundation of drawing, painting and sculpting skills to help students be successful in future art classes. Students will learn about composition, colour theory, shading techniques and one point perspective while exploring a variety of different art materials. Students will be working both 2D and 3D throughout the term; they will learn to assess their own work and participate in art shows when available.

INFORMATION TECHNOLOGY 8

Technology plays a dominant role in our day-to-day lives and its impact continues to grow. Computer and technology related employees are in high demand, the result of which is strong remuneration and employee centered work environments. This course will allow students to explore the world of Information Technology. More specifically the students will explore the technologies relevant to our school, safe and appropriate use of digital technology and how computers think. This course is relevant to all students, allowing them to start to be more than just a consumer of technology.

DRAMA 8

Drama 8 is an introductory course which offers students opportunities to develop various dramatic skills to deepen their understanding of themselves and the world through imagination and interaction. Drama encourages students to: trust themselves and others; reflect on thoughts, feelings and beliefs; take risks within a dramatic context; and actively express themselves in body and voice. Using games, warm-ups, dramatic structures and collaboration, Drama 8 is designed to develop trust, respect for one's self and others, self-confidence, spontaneity, commitment and concentration. Students are encouraged to approach the course with an open mind, kind attitude towards others and willingness to enthusiastically participate.

FOODS 8

Food Studies 8 is an introductory course to cooking. Learn the basics of cooking as well as Food Safe knowledge to keep yourself safe. Learn how to use the utensils and equipment of a kitchen while making delicious treats. In this course, you will put together simple meals by cooking from scratch through the use of a variety of recipes from cuisine around the world. Students will also examine cross-contamination and how to prevent it, effects of substituting or removing ingredients including nutritional profile and taste, Indigenous food uses and how it has changed over time and more!

TECH ED 8

Students will build projects using both wood and metal working skills. The course will focus on safe and proper use in shops with hand tools and power equipment leading into project building of both wood and metal combined. Students who like hands on activity and a chance to express some creativity are encouraged to take this course.

GRADE 9

Required Courses	Electives
English Social Studies Science Math (Math 9 or Workplace 9) Physical and Health Education Program Option EPIC: Experiential, Project Based, Indigenous Community (PHE 9, Woodwork 9, Metalwork 9)	Contemporary Music (term) Drafting (term) Drama: Character Development (term) Drama: Improv (term) Electronics and Robotics (term) Entrepreneurship and Marketing (term) EPIC (Physical Education, Woodwork, Metalwork) Food Studies (term) French (semester) Information and Communications Technologies (term) Media Arts: Photography (term) Mental Health Boost (term) Metalwork (term) Musical Theatre (semester) Okanagan (semester) Power Technology (term) Spanish Entry (Semester) Textiles (term) Visual Arts: Ceramics and Sculpture (term) Visual Arts: Drawing and Painting (term) Woodwork (term)

ENGLISH 9

Language and [story](#) can be a source of creativity and joy.

Exploring [stories](#) and other [texts](#) helps us understand ourselves and make connections to others and to the world.

People understand [text](#) differently depending on their worldviews and perspectives.

[Texts](#) are socially, culturally, and historically constructed.

Questioning what we hear, read, and view contributes to our ability to be educated and engaged citizens.

English 9 equips students with the language and literacy skills they will need for success in school, community, career, and life. It provides students with the opportunity to become effective communicators, to develop and express their own ideas, and to think deeply and critically about the ideas of others. Through their study of language and texts, students have opportunities to develop a lifelong love of reading, writing, and learning. As they explore and create written, oral, and visual texts, students gain insight into their own lives and the lives of others.

SOCIAL STUDIES 9

Emerging ideas and ideologies profoundly influence societies and events.

The physical environment influences the nature of political, social, and economic change.

Disparities in power alter the balance of relationships between individuals and between societies.

Collective identity is constructed and can change over time.

Social Studies 9 is a survey course that looks at topics including the physical geography of Canada, important revolutions that shaped and changed the world leading to colonialism in North America and the beginnings of the fur trade through the creation of the Hudson Bay Company. Skills students will require to use in this course include mapping, independent research and communication. Social Studies 9 is a required course that must be completed to acquire the Dogwood Diploma.

SCIENCE 9

[Cells are derived from cells.](#)

[The electron arrangement of atoms impacts their chemical nature.](#)

[Electric current is the flow of electric charge.](#)

[The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them](#)

The purpose of the Junior Science program is to develop skills in critical thinking, scientific inquiry, writing in a scientific manner, and lab safety. The topics that will be covered include the atomic model, naming compounds, static electricity, circuits, cell cycle, sexual and asexual reproduction, and matter and energy cycles.

PHYSICAL AND HEALTH EDUCATION 9

Daily participation in different types of physical activity influences our physical literacy and personal health and fitness goals.

Lifelong participation in physical activity has many benefits and is an essential part of a healthy lifestyle.

Healthy choices influence our physical, emotional, and mental well-being.

Healthy relationships can help us lead rewarding and fulfilling lives.

Advocating for the health and well-being of others connects us to our community.

The goal of Physical Education 9 is to provide students with the knowledge, understanding and skills to improve and maintain health throughout their lives. The aim is to have students appreciate the importance of well-being and its relationship to the intellectual, mental, and social health of individuals. Students will actively participate in units such as net games, territorial games, striking games as well as individual fitness focused activities.

LANGUAGE OPTIONS

FRENCH 9

Listening and viewing with intent supports our acquisition and understanding of French.

We can have meaningful conversations in French about things that are important to us.

We can share our experiences and perspectives through [stories](#).

Francophone [creative works](#) are expressions of Francophone cultures.

Acquiring French provides opportunities to explore our own cultural identity from a new perspective.

French 9 (French as a Second Language) builds upon the skills, knowledge and vocabulary acquired in beginner's French 8 program. Students will continue to acquire language through the use of storytelling, story writing and acting. Stories will be studied and written in the past tense as well as the present tense. French culture will be explored. Students will be encouraged to communicate *as much as possible* in French.

OKANAGAN 9

An introduction to the language of the local indigenous Syilx people. Nsyilxcen (Okanagan) Language develops language proficiency as the students actively participate in an Okanagan oral immersion class. Oral immersion instruction method develops proper pronunciation, develops recognition, and differentiation of separate sounds in speech.

SPANISH ENTRY 9

Listening and viewing with intent helps us acquire a new language.

[Reciprocal](#) communication is possible using high-frequency words and patterns.

[Stories](#) help us to acquire language and [understand the world](#) around us.

[Creative works](#) are an expression of language and culture.

Acquiring a new language and learning about another culture deepens our understanding of our own language and culture.

This is an introductory course to the Spanish as a Second Language (SSL) program using a new and innovative approach through the use of story-telling, story writing and acting. Through short stories, conversations and dialogues students will acquire high frequency vocabulary. Students will use simple sentences to express ideas orally and in written form. Through short stories, conversations and dialogues students will share information about activities and interests. Hispanic countries and cultures will be studied through short readings and audio/visual materials.

ADST: APPLIED DESIGN, SKILLS AND TECHNOLOGIES

Social, ethical, and sustainability considerations impact design.

Complex tasks require the sequencing of skills.

Complex tasks require different technologies and tools at different stages.

**Each of the following ADST courses focuses on the big ideas above.*

DRAFTING 9 (2 CREDITS)

Students will learn the basic fundamentals of drafting, its purpose and importance and society and rules it follows. This is an introductory course in which students will learn the basic principles and gain skills in technical drawing. Students will learn how to use a CAD program (computer assisted design) to complete a variety of metric, imperial, and mechanical drawings. Drafting concepts covered will

include multi-view, dimensioned, pictorial and working drawings. This course is an essential skill for any students interested in the areas of; graphic arts, engineering, home design, interior design, technical-, vocational-, or trades-architecture.

ELECTRONICS AND ROBOTICS 9 (2 CREDITS)

Students will learn the fundamentals of electronics, design and building concepts. Component identification and circuit structure for electronics will also be learned. This will translate into challenges where students will design and build robots for various challenges. Further progress will lead into programming skills and ultimately creating autonomous robots.

ENTREPRENEURSHIP AND MARKETING 9 (2 CREDITS)

Shows like the Dragons Den and Shark Tank have highlighted the thriving world of entrepreneurs. The world of marketing is a multi-billion dollar industry, that is constantly evolving and growing as technology opens the doors to new markets and customers. This course will introduce students to the skills and characteristics of successful entrepreneurs as well as introducing them to the pillars of marketing. By learning and understanding how marketers try to part us of our money we are better equipped hold on to our hard-earned cash.

FOOD STUDIES 9 (2 CREDITS)

Learn the basics of cooking as well as food safe knowledge to keep you safe. Learn how to use the utensils of a kitchen while making edible treats. Put together full meals by understanding the nutrition your body needs to stay healthy. Learn to cook from scratch while managing a food budget. Students entering into Foods 9/10 must be aware that the foods room is a certified Food Safe environment. All students must maintain commercial food safe standards at all times. This includes impeccable hygiene, dish washing and sanitization etc.

INFORMATION AND COMMUNICATIONS TECHNOLOGY 9 (2 CREDITS)

Technology plays a dominant role in our day-to-day lives and its impact continues to grow. Computer and technology related employees are in high demand, the result of which is strong remuneration and employee centered work environments. This course will allow students to explore the world of Information Technology and includes an introduction to coding. This course is relevant to all students, allowing them to start to be more than just a consumer of technology.

METALWORK 9 (2 CREDITS)

Students will explore their creativity using metal and metal work techniques to create a variety of artistic creations. Students are expected to make a sheet metal project, welding rod project and casting project. Examples of such projects are candles holders, display models and artistic 3D pictures.

POWER TECHNOLOGY 9 (2 CREDITS)

Students will learn about the small motor internal combustion engine. Areas such as the 4 cycles, carburetion, basic hand tools and measurement will be covered. Students will disassembly and reassemble a small motor to make it run. Students are encouraged to bring in their own motors.

TEXTILES 9 (2 CREDITS)

Learn the basics of hand and machine sewing, while making boxer shorts and other projects. Learn skills that will last you a lifetime. Make your own pencil case and letter pillow while learning the techniques of sewing. Challenge yourself with a project requiring advanced skills – zippers, darts, pleats, etc.

WOODWORK 9 (2 CREDITS)

Students will learn and practice basic woodworking skills, woodworking safety, measurement, layout skills and drafting orthographic and isometric drawings. Projects include but are not limited too; candle holder, wooden tool box, keep sake box, serving tray, wooden spoon.

DRAMA 9

Identity is explored, expressed, and impacted through drama experiences.

Drama provides opportunities to gain insight into perspectives and experiences of people from a variety of times, places, and cultures.

Collaborative drama experiences can build community and nurture relationships with others.

Drama uses a unique sensory language for creating and communicating.

CHARACTER DEVELOPMENT (TERM)

This two-credit course will provide opportunities for students to explore dramatic forms and techniques. Students will create, perform, discuss and analyze drama. Students in this course will focus on the development of character through monologue, script work and play production.

IMPROV (TERM)

This two-credit course will promote enjoyment and appreciation for all aspects of theatre. Classwork will focus on teamwork, cooperation, group work and theatre skills. In this class, students will explore aspects of improvisation such as theatre sports, games, scene work and play building.

MUSICAL THEATRE 9 (SEMESTER)

Musical Theatre is a combination of acting, dancing and singing. This class will provide students with the opportunity to develop vocal technique, choreography, character development and interpretation, and stage presence. This course meets entirely outside of the regular timetable. It prepares students for the full-length school musical production. A considerable time commitment during the run of the school musical is required. Prerequisite: Successful Audition

Important Considerations: The students who choose this class are expected to spend 3-5 hours a week outside of school time in preparation for the musical. For three weeks prior to opening night, the rehearsal schedule will be more demanding and may include evening and weekend rehearsals. The production must be a priority over other extra-curricular activities during this three-week period. The students choosing this course must be responsible, self-disciplined and committed.

ARTS EDUCATION 10

CONTEMPORARY MUSIC 9 (SEMESTER)

Identity is explored, expressed, and impacted through music experiences.

Music provides opportunities to gain insight into perspectives and experiences of people from a variety of times, places, and cultures.

Collaborative music experiences can build community and nurture relationships with others.

Music uses a unique sensory language for creating and communicating.

If you have ever wanted to experience playing music with other people, this course gives you that opportunity. You get a chance to try out guitar, drums, bass, keys and vocals. You'll find out firsthand how these instruments work together to make a song, choose music you want to learn, and get better at

playing an instrument through practice, collaboration, and performing. We'll explore a range of contemporary music that continues to influence musical artists, and we'll learn about the process of composing and recording songs.

PHOTOGRAPHY 9 (TERM)

Identity is explored, expressed, and impacted through visual arts experiences.	The visual arts provide opportunities to gain insight into perspectives and experiences of people from a variety of times, places, and cultures.	Art experiences can build community and nurture relationships with others.	The visual arts use a unique sensory language for creating and communicating.
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Learn to take better pictures with your phone or camera. Students will learn about composition and a variety of photography techniques that will enhance their ability to take better photos. Spend lots of time outside the classroom while exploring different photography genres. Learn to critique your own work, as well as the work of others in a supportive and creative environment. Participate in a semester end art show.

STUDIO ARTS 2D 9 (TERM)

Identity is explored, expressed, and impacted through visual arts experiences.	The visual arts provide opportunities to gain insight into perspectives and experiences of people from a variety of times, places, and cultures.	Art experiences can build community and nurture relationships with others.	The visual arts use a unique sensory language for creating and communicating.
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Students taking this course can expect to create a variety of 2D art projects using different media. The projects in this course are inspired by lots of modern art movements such as: tattoo, graffiti, pop surrealism, sci-fi and fantasy art. Students will have the freedom to explore their own artistic interests while learning shading techniques, composition and colour theory. Students will learn how to use a variety of art mediums while exploring different art styles.

STUDIO ARTS 3D 9 (TERM)

Identity is explored, expressed, and impacted through visual arts experiences.	The visual arts provide opportunities to gain insight into perspectives and experiences of people from a variety of times, places, and cultures.	Art experiences can build community and nurture relationships with others.	The visual arts use a unique sensory language for creating and communicating.
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Students will get to use a variety of materials to make 3D art projects. Get ready to think outside of the box! Students can expect to use traditional and non-traditional sculpting materials, as well as explore the artwork of many contemporary artists. Students will explore 3D composition while learning hand building skills and a variety of finishing techniques.

OTHER

EPIC 9 (2 SEMESTER COURSES)

EPIC (Experiential, Project-based, Indigenous, and Community) is an inclusive program designed to engage students in a variety of challenging learning experiences. The program emphasizes project-based, experiential learning for all students who will come to understand the First Nations Principles of Learning.

EPIC takes place in a variety of venues including the backcountry, community venues and the school. Learning occurs through group discussion, group and individual projects, outdoor pursuits, skill development sessions and peer teaching. Hands on learning will focus on the following courses: Physical and Health Education 9, Woodwork 9 and Metalwork 9. Most of the projects that students build will be tested and used on our outdoor adventures. Examples of projects include: a canoe paddle, collapsible buck saw, hiking stick, root digging stick, collapsible camp stool, spoon carving, etc. Outdoor learning is a required component of the course and students will go on many outdoor adventures throughout the semester. Examples of trips may include: snowshoeing, cross-country skiing, winter survival, hiking, camping, etc.

MENTAL HEALTH BOOST 9 (TERM)

This course has been designed to help students learn about their mental health and give them tools to manage their stress and develop resilience. Students will learn about mindfulness, including movement like yoga, a variety of breathing techniques and self-regulation strategies to help them manage their stress and regulate their emotions. Students can expect to experience improvements in concentration and focus, productivity, quality of sleep, school performance and relationships.

GRADE 10

Required Courses	Options for 12 Credits
English Literary Studies/Composition Studies (4 Credits)	Computer Studies (Term) <u>Contemporary Music (Term)</u> <u>Drafting (Term)</u> <u>Drama: Character Development (Term)</u> <u>Drama: Improv (Term)</u> <u>Electronics and Robotics (Term)</u> Entrepreneurship and Marketing (Term) <u>Food Studies (Term)</u> <u>French (Semester)</u> Mental Health Boost (Term) <u>Metalwork (Term)</u> <u>Musical Theatre (Semester)</u> <u>Photography (Term)</u> <u>Power Technology (2 Credits)</u> <u>Spanish (Semester)</u> <u>Studio Arts 2D 10 (Term)</u> <u>Studio Arts 3D 10 (Term)</u> <u>Textiles (Term)</u> <u>Woodwork (Term)</u>
Social Studies	
Science	
Math Math 10 Foundations & Pre-Calculus or Workplace Math 10	
Physical and Health Education	
Career and Life Education	
Language French or Spanish	

ENGLISH 10: Composition Studies 10/Literary Studies 10

English 10: Composition Studies		Literary Studies 10		
The exploration of text and story deepens our understanding of diverse, complex ideas about identity, others, and the world.	Texts are socially, culturally, geographically, and historically constructed.	Language shapes ideas and influences others.	Engagement with writing processes can support creativity and enhance clarity of expression.	
The exploration of text and story deepens our understanding of diverse, complex ideas about identity, others, and the world.	People understand text differently depending on their world views and perspectives.	Texts are socially, culturally, geographically, and historically constructed.	Language shapes ideas and influences others.	Questioning what we hear, read, and view contributes to our ability to be educated and engaged citizens.

English 10 now consists of two 2 credit modules: Composition 10 and Literary Studies 10. These courses equip students with the language and literacy skills they will need for success in school, community, career, and life. It provides students with the opportunity to become effective communicators, to develop and express their own ideas, and to think deeply and critically about the ideas of others. Through their study of language and texts, students have opportunities to develop a lifelong love of reading, writing, and learning. As they explore and create written, oral, and visual texts, students gain insight into their own lives and the lives of others.

SOCIAL STUDIES 10

Global and regional conflicts have been a powerful force in shaping our contemporary world and identities.

The development of political institutions is influenced by economic, social, ideological, and geographic factors.

Worldviews lead to different perspectives and ideas about developments in Canadian society.

Historical and contemporary injustices challenge the narrative and identity of Canada as an inclusive, multicultural society.

The goal of Social Studies 10 is to seek and understand our Canadian identity. Through the study of government, history in the 20th century, and human geography, students will come to understand our place in the world as Canadians and global citizens.

SCIENCE 10

[DNA](#) is the basis for the diversity of living things.

Energy change is required as atoms rearrange in [chemical processes](#).

[Energy](#) is conserved, and its transformation can affect living things and the environment.

The formation of the [universe](#) can be explained by the big bang theory.

Students will explore patterns of inheritance, including genetics and mechanisms for the diversity of life, chemical reactions and energy change processes, nuclear/potential/kinetic energy, and the formation of the universe including the big bang theory and components of the universe over time.

[MATH 10](#)

WORKPLACE MATHEMATICS 10

[Proportional reasoning](#) is used to make sense of [multiplicative](#) relationships.

3D objects can be examined mathematically by [measuring](#) directly and indirectly length, surface area, and volume.

[Flexibility](#) with number builds meaning, understanding, and confidence.

[Representing and analyzing data](#) allows us to notice and wonder about relationships.

Workplace Math 10 covers graphs, ratios, conversions, surface area and volume, central tendency, experimental probability and financial literacy. Students taking Workplace Mathematics 10 will follow up with Workplace Mathematics 11.

FOUNDATIONS AND PRE-CALCULUS 10

Algebra allows us to [generalize](#) relationships through abstract thinking.

The meanings of, and [connections](#) between, each operation extend to powers and polynomials.

Constant rate of change is an essential attribute of linear [relations](#) and has meaning in different representations and contexts.

Trigonometry involves using [proportional reasoning](#) to solve [indirect measurement](#) problems.

Representing and analyzing [situations](#) allows us to notice and wonder about relationships.

To be successful in this course it is recommended that students have obtained a C+ or better in Math 9. Students taking this course are students who are planning to attend post-secondary schools. Math 10 is a highly demanding academic course that covers topics related to aspects of applied sciences and calculus. After taking this course students will be able to branch off into Foundations of Mathematics 11, Pre- Calculus 11, and/or Workplace Mathematics 11.

PHYSICAL AND HEALTH EDUCATION 10

Understanding our strengths, weaknesses, and personal preferences helps us plan and achieve our [goals](#).

Trying a variety of [physical activities](#) can increase the likelihood that we will be active throughout our lives.

Healthy [choices](#) influence, and are influenced by, our physical, emotional, and mental well-being.

Personal [fitness](#) can be maintained and improved through regular participation in physical activities.

The goal of Physical and Health Education 10 is to provide students with the knowledge, understanding and skills to maintain physical health throughout their lives. The aim is to have students appreciate the importance of well-being and its relationship to the intellectual, mental, and social health of individuals. Students are challenged to create personal fitness plans and to work within a team framework in order to achieve team goals.

CAREER LIFE EDUCATION 10

[Career-life choices](#) are made in a recurring cycle of planning, reflecting, adapting, and deciding.

[Career-life decisions](#) are influenced by [internal and external](#) factors, including local and global trends.

[Cultivating networks](#) and [reciprocal relationships](#) can support and broaden career-life awareness and options.

[Finding balance](#) between personal and work life promotes well-being.

[Lifelong learning](#) fosters career-life opportunities.

Career Life Education is an important and useful course that teaches practical life skills and is a required course for all students in BC. Career Life Education emphasizes the practical nature of the course, giving students an opportunity to learn about the graduation program, job search skills and resume writing, and to produce a resume that can be used for finding a summer or part time job. Students also learn about safe work practices, budgeting for college, university or a personal goal, and creating a “life compass” to help in making healthy decisions.

LANGUAGE OPTIONS

FRENCH 10

Listening and viewing with intent supports our acquisition and understanding of French.

Expressing ourselves and engaging in conversation in French involves courage, risk taking, and perseverance.

Acquiring a new language can shape our perspective and identity.

[Cultural expression](#) can take many different forms.

Acquiring French allows us to interact with the Francophone world.

Acquiring French allows us to explore diverse [opportunities](#).

French 10 builds upon the skills, knowledge and vocabulary acquired in the French as a Second Language (FSL) grade 9 program. Students will continue to acquire language through the use of storytelling, story writing and acting. Stories will be studied and written in the present, past and future tenses. French culture will be further explored. It is expected that students be *willing to communicate regularly in French* in order to continue to improve their language skills and to contribute to the development of a French speaking milieu.

SPANISH 10

Listening and viewing with intent supports our acquisition and understanding of a new language.

Stories give us unique ways to understand and reflect on meaning.

Expressing ourselves and engaging in conversation in a new language require courage, risk taking, and perseverance.

Cultural expression can take many different forms.

Acquiring a new language provides a unique opportunity to access and interact with diverse communities.

Spanish 10 builds upon the skills, knowledge and vocabulary acquired in the Spanish as a Second Language (SSL) grade 9 program. Students will continue to acquire language through the use of storytelling, story writing and acting. Stories will be studied and written in the present, past and future tenses. Oral participation is encouraged daily and students will be expected to take risks, be positive in their efforts and have fun. Students will develop a better understanding of their own language and grow to appreciate their own culture and the culture of others. The class will communicate needs, desires, and emotions, and describe events, and share experiences. It is expected that students be willing to communicate *as much as possible* in Spanish.

ADST 10: APPLIED DESIGN, SKILLS AND TECHNOLOGIES

User needs and interests drive the design process.

Social, ethical, and sustainability issues are influenced by design.

Complex tasks require different technologies and tools at different stages.

**Each of the following ADST courses focuses on the big ideas above.*

COMPUTER STUDIES 10 (Term)

Technology plays a dominant role in our day-to-day lives and its impact continues to grow. Computer and technology related employees are in high demand, the result of which is strong remuneration and employee centered work environments. This course will allow students to explore the world of Computer science. Students will look at how computers function/operate as well as how to design, develop and debug computer code. This course is relevant to all students, whether they pursue a career in tech or just enhance their knowledge of computer science, so they are prepared for a high-tech future.

DRAFTING 10 (Term)

Students will learn the basic fundamentals of drafting, its purpose, importance, society, and rules it follows. This is an introductory course in which students will learn the basic principles and gain skills in technical drawing. Students will learn how to use a CAD program (computer assisted design) to complete a variety of metric, imperial, and mechanical drawings. Drafting concepts covered will include multi-view, dimensions, pictorial and working drawings. This course is an essential skill for any students interested in the areas of graphic arts, engineering, home design, interior design, technical vocational or trades architecture.

ELECTRONICS AND ROBOTICS 10 (Term)

Students will learn the fundamentals of electronics, design and building concepts. Component identification and circuit structure for electronics will also be learned. This will translate into challenges where students will design and build robots for various challenges. Further progress will lead into programing skills and ultimately creating autonomous robots.

ENTREPRENEURSHIP AND MARKETING 10 (Term)

Shows like the Dragons Den and Shark Tank have highlighted the thriving world of entrepreneurs. The world of marketing is a multi-billion dollar industry, that is constantly evolving and growing as

technology opens the doors to new markets and customers. This course will build on the knowledge developed to consider the stages of development of a business and the essentials to effective and ethical marketing.

FOOD STUDIES 10 (Term)

Learn the basics of cooking as well as food safe knowledge to keep you safe. Learn how to use the utensils of a kitchen while making edible treats. Put together full meals by understanding the nutrition your body needs to stay healthy. Learn to cook from scratch while managing a food budget. Students entering into Foods 9/10 must be aware that the foods room is a certified Food Safe environment. All students must maintain commercial food safe standards at all times. This includes impeccable hygiene, hair nets, dish washing and sanitization etc.

METALWORK 10 (Term)

Students will explore their creativity using metal and metal work techniques to create a variety of artistic creations. Students are expected to make a sheet metal project, welding rod project and casting project. Examples of such projects are candles holders, display models and artistic 3D pictures.

POWER TECHNOLOGY 10 (Term)

Students will learn about the small motor internal combustion engine. Areas such as the 4 cycles, carburetion, basic hand tools and measurement will be covered. Students will disassembly and reassemble a small motor to make it run. Students are encouraged to bring in their own motors.

TEXTILES 10 (Term)

Learn the basics of hand and machine sewing, while making boxer shorts and other projects. Learn skills that will last you a lifetime. Make your own pencil case and letter pillow while learning the techniques of sewing. Challenge yourself with a project requiring advanced skills – zippers, darts, pleats, etc.

WOODWORK 10 (Term)

Students will learn and practice basic woodworking skills, woodworking safety, measurement, layout skills and drafting orthographic and isometric drawings. Projects include but are not limited too; candle holder, wooden tool box, keep sake box, serving tray, wooden spoon.

DRAMA 10

Drama communicates ideas, emotions, and perspectives through movement, sound, imagery, and language.	Active participation in drama creates personal and cultural connections and reveals insights into human experience.	Drama offers dynamic ways of exploring our identity and sense of belonging.	Growth as an artist requires active engagement, risk taking, and reflection.	Drama cultivates collaboration through critical reflection, creative co-operation, and the exchange of ideas.
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CHARACTER DEVELOPMENT (Term) This two-credit course will provide opportunities for students to explore dramatic forms and techniques. Students will create, perform, discuss and analyse drama. Students in this course will focus on the development of character through monologue, script work and play production.

IMPROV (Term) This two-credit course will promote enjoyment and appreciation for all aspects of theatre. Classwork will focus on teamwork, cooperation, group work and theatre skills. In this class, students will explore aspects of improvisation such as theatre sports, games, scene work and play building.

MUSICAL THEATRE 10 (Semester)

Musical theatre provides a unique aesthetic experience with the power to effect change.	Ideas and beliefs are conveyed through musical theatre production.	Development as an artist requires perseverance, resilience, risk taking , and reflection.	Interpretation of existing work is an opportunity to represent identity and culture.
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Musical Theatre is a combination of acting, dancing and singing. This class will provide students with the opportunity to develop vocal technique, choreography, character development and interpretation, and stage presence. This course meets entirely outside of the regular timetable. It prepares students for the full-length school musical production. A considerable time commitment during the run of the school musical is required. Prerequisite: Successful Audition

Important Considerations: The students who choose this class are expected to spend 3-5 hours a week outside of school time in preparation for the musical. For three weeks prior to opening night, the rehearsal schedule will be more demanding and may include evening and weekend rehearsals. The production must be a priority over other extra-curricular activities during this three week period. The students choosing this course must be responsible, self-disciplined and committed.

ARTS EDUCATION 10

CONTEMPORARY MUSIC 10 (Term/Semester)

Individual and collective expression is rooted in history, culture, and community.	Growth as a musician requires perseverance, resilience, and reflection.	Music is a process that relies on the interplay of the senses.	Aesthetic experiences have the power to effect change.	Music offers unique ways of exploring our identity and sense of belonging.
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If you have ever wanted to experience playing music with other people, this course gives you that opportunity. You get a chance to try out guitar, drums, bass, keys and vocals. You'll find out firsthand how these instruments work together to make a song, choose music you want to learn, and get better at playing an instrument through practice, collaboration, and performing. We'll explore a range of contemporary music that continues to influence musical artists, and we'll learn about the process of composing and recording songs.

PHOTOGRAPHY 10 (Term)

Photography is a unique art form that captures images for artistic expression.	Traditions, perspectives, worldviews, and stories are shared through aesthetic experiences .	Growth as a photographer requires time, patience, and reflection.	The creation of photographs relies on the interplay of mind and body.	Photography offers unique ways of exploring our identity and sense of belonging.
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Learn to take better pictures with your phone or camera. Students will learn about composition and a variety of photography techniques that will enhance their ability to take better photos. Spend lots of time outside the classroom while exploring different photography genres. Learn to critique your own work, as well as the work of others in a supportive and creative environment. Participate in a semester end art show.

STUDIO ARTS 2D 10 (Term)

An artist's intention transforms materials into art.	Traditions, perspectives, worldviews, and stories can be shared through aesthetic experiences .	Growth as an artist requires time, patience, and reflection.	The creation of artistic works relies on the interplay of body and mind.	Visual arts offer unique ways of exploring our identity and sense of belonging.
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Students taking this course can expect to create a variety of 2D art projects using different media. The projects in this course are inspired by lots of modern art movements such as: tattoo, graffiti, pop surrealism, sci-fi and fantasy art. Students will have the freedom to explore their own artistic interests while learning shading techniques, composition and colour theory. Students will learn how to use a variety of art mediums while exploring different art styles.

STUDIO ARTS 3D 10 (Term)

Artists communicate ideas, emotions, and perspectives through form .	Traditions, perspectives, worldviews, and stories can be shared through aesthetic experiences .	Growth as an artist requires time, patience, and reflection.	The creation of artistic works relies on the interplay of mind and body.	Visual arts offer unique ways of exploring our identity and sense of belonging.
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Students will get to use a variety of materials to make 3D art projects. Get ready to think outside of the box! Students can expect to use traditional and non-traditional sculpting materials, as well as explore the artwork of many contemporary artists. Students will explore 3D composition while learning hand building skills and a variety of finishing techniques.

OTHER

MENTAL HEALTH BOOST 10 (Term)

This course has been designed to help students learn about their mental health and give them tools to manage their stress and develop resilience. Students will learn about mindfulness, including movement like yoga, a variety of breathing techniques and self-regulation strategies to help them manage their stress and regulate their emotions. Students can expect to experience improvements in concentration and focus, productivity, quality of sleep, school performance and relationships.

SUPPORT SERVICES

Both Learner Support and Learning Center are non- credit programs and admission to the support services is based on administration referral

LEARNING CENTER

The Learning Center is a space for students who require an individualized or alternative learning environment to a regular classroom. Students may self-pace through courses using the online platform Moodle, receive support for their learning in other courses through remediation or targeted study, and receive social emotional support alongside academic learning. The overall goal of the space is to provide students a safe, supportive environment to support both their academic goals and social-emotional well being.

LEARNER SUPPORT 10-12

Learner Support is provided to students who may need interventions to assist in their organizational and academic skills to help them with their success in school. Learning Support Teachers and EAs work with both students and classroom teachers. Students may be pulled out of a class for 1-on-1 or small group instruction for 20-30 minutes, 3 times a week as needed. During this time, students will be taught learning strategies to improve numeracy, reading comprehension, writing strategies, and self-regulation strategies. The overall goal is for students to better understand themselves and advocate for themselves as learners.

GRADE 11

Required Courses	Options for 12 Credits
English Credit English First Peoples Literary Studies & Writing Pre-AP English First Peoples 11 Social Studies 11 or 12 Credit <u>20th Century World History 12</u> <u>Comparative Cultures 12</u> <u>Economic Theory 12</u> (video) (slide) Explorations of Social Studies 11 <u>Human Geography 12</u> <u>Law Studies 12</u> Physical Geography 12 <u>Social Justice 12</u> Science 11 Credit <u>Chemistry 11</u> Earth Science 11 Environmental Science 11 <u>Life Sciences 11</u> <u>Physics 11</u> Science for Citizens 11 <u>Specialized Science: Astronomy 12</u> Math 11 Credit Workplace Math 11 Foundations of Math 11 Pre-Calculus 11 <u>Physical and Health Education 11</u> Active Living 11 Fitness and Conditioning 11 Sport Performance 11	Language 11 French 11 Spanish 11 ADST 11 <u>Automotive Technology 11</u> <u>Car Maintenance 11</u> <u>Computer Programming 11</u> Culinary Arts 11 <u>Drafting 11</u> <u>Metalwork 11</u> <u>Textiles 11</u> Woodwork 11 Art Education 11 <u>Art Studio 11</u> <u>Contemporary Music 11</u> <u>Drama 11</u> <u>Musical Theatre 11</u> <u>Photography 11</u> <u>Studio Arts 2D 11</u> <u>Studio Arts 3D 11</u> Additional Offerings 11 <u>Leadership 11</u> Peer Tutor 11 <u>Youth Work in Trades 11</u>

ENGLISH FIRST PEOPLES LITERARY STUDIES & WRITING

The exploration of text deepens understanding of one's identity, others, and the world	First Peoples texts and stories provide insight into key aspects of Canada's past, present, and future	First Peoples literature plays a role within the process of Reconciliation	People understand text differently depending on their worldviews and perspectives	Texts are socially, culturally, geographically, and historically constructed	Self-representation through authentic First Peoples text is a means to foster justice.
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Guiding Principle: The First Peoples Principles of Learning

The goal of this course is to use Indigenous pedagogy to guide students on their journey to understanding Indigenous perspectives and reconciliation in the face of colonization.



1. Learning ultimately supports the well-being of the self, the family, the community, the land, the spirits, and the ancestors.
2. Learning is holistic, reflexive, reflective, experiential, and relational (focus on connectedness, reciprocal relationships, and a sense of place).
3. Learning involves recognizing the consequences of one's actions.
4. Learning involves generational roles and responsibilities.
5. Learning recognizes the role of indigenous knowledge.
6. Learning is embedded in memory, history, and story.
7. Learning involves patience and time.
8. Learning requires the exploration of one's identity.
9. Learning involves recognizing that some knowledge is sacred and only shared with permission and/or in certain situations.

PRE-AP FIRST PEOPLE ENGLISH & LIT 11 (4 credits)

This course will incorporate the First Peoples Principles of Learning and include many indigenous texts and perspectives, like the EFP 11 course described above, but it is specifically designed for students who are looking for ways to challenge themselves and/or better prepare for university/college level coursework. It is intended for those who are already strong English students (earned a B or A in grade 10 English courses). Students in this class will study some of the same novels, short stories and plays as the other English 11 classes but will go into greater depth and learn new strategies to respond to and analyze a variety of material. It will also include some of the more traditional texts that are anchor pieces for university level English courses. Students in this course will develop advanced writing skills as well as explore other forms of communication, such as debates, film talks, Socratic seminars, and lit circles. This course will provide an excellent foundation for students going on to AP English Literature in grade 12 but will also strengthen the skills needed to be successful in any English 12 course.

SCIENCE 11

CHEMISTRY 11

[Atoms and molecules](#) are building blocks of matter.

[Organic chemistry](#) and its applications have significant implications for human health, society, and the environment.

The [mole](#) is a quantity used to make atoms and molecules measurable.

Matter and energy are conserved in [chemical reactions](#).

[Solubility](#) within a solution is determined by the nature of the solute and the solvent.

Chemistry 11 is required for entrance into most medical and science fields at post-secondary institutions. It is an introductory course and covers a wide variety of topics in a short period of time. Approximately 50% of the material involves mathematical concepts such as balancing equations, the mole calculations, and stoichiometry. The remaining 50% is conceptual and includes areas such as periodic table trends, molecular structure, and organic chemistry. CH 11 recommends that students have a strong understanding of math problem solving.

EARTH SCIENCES 11

[Earth materials](#) are changed as they cycle through the geosphere and are used as resources, with economic and environmental implications.

[Plate tectonic theory](#) explains the consequences of tectonic plate interactions.

The transfer of energy through the [atmosphere](#) creates weather, and this transfer is affected by climate change.

The distribution of [water](#) has a major influence on weather and climate.

Astronomy seeks to explain the origin and interactions of [Earth and its solar system](#).

Earth Science 11 is a science for those interested in the Earth, its composition, internal processes and its placement within the universe. It is most suited to those interested in pursuing the fields of geology, geophysics, mining and physical geography.

ENVIRONMENTAL SCIENCE 11

Complex roles and relationships contribute to [diversity of ecosystems](#).

[Changing ecosystems](#) are maintained by natural processes.

Human practices affect the [sustainability of ecosystems](#).

Humans can play a role in [stewardship and restoration](#) of ecosystems.

Environmental Science 11 focuses on the ecosystems found in the South Okanagan region. Students will develop an understanding of the diversity of the local ecosystems, the processes and changes that are occurring in the local ecosystems and explore sustainable practices that can be implemented in the region. Conservation and restoration of the local ecosystems is a major theme of the course.

LIFE SCIENCES 11

[Life](#) is a result of interactions at the molecular and cellular levels.

[Evolution](#) occurs at the population level.

[Organisms](#) are grouped based on common characteristics.

Life Science 11 is a survey course of the five Major Kingdoms of living organisms. The first section reviews the use of the microscope as a scientific tool as well as the basic principles of taxonomy (classification of living things). The remainder of the course focuses on the five Kingdoms; the

characteristics of the organisms and their life processes, using evolution as an underlying theme. Theories of evolution and principles of ecology are also discussed.

PHYSICS 11

An object's [motion](#) can be predicted, analyzed, and described.

[Forces](#) influence the motion of an object.

[Energy](#) is found in different forms, is conserved, and has the ability to do work.

Mechanical [waves](#) transfer energy but not matter.

Physics is an applied math course and Physics 11 is a required course for many post-secondary science options. To be successful in this course, students require a strong mathematical mind set. Consequently, it is recommended that students taking Physics 11 have a C+ or better in Foundations and Pre-Calculus Math 10.

SCIENCE FOR CITIZENS 11

[Scientific processes and knowledge](#) inform our decisions and impact our daily lives.

Scientific knowledge can be used to develop procedures, techniques, and technologies that have implications for [places of employment](#).

Scientific understanding enables humans to [respond and adapt to changes](#) locally and globally.

Science for Citizens 11 provides students with opportunities to investigate, analyze, understand, and experience the relationships among science, technology, workplace and human society. It should be noted that this course is intended for those not proceeding to careers or future studies in science.

MATH 11

WORKPLACE MATH 11

[Proportional reasoning](#) is used to make sense of [multiplicative](#) relationships.

Mathematics informs financial [decision making](#).

[3D objects](#) are often represented and described in 2D space.

Flexibility with number builds meaning, [understanding](#), and confidence.

Representing and analyzing data allows us to [notice and wonder](#) about relationships.

Students taking Workplace Mathematics 11 meet the graduation math requirement. Students in the workplace program may be entering into the trades or directly into the workforce.

FOUNDATIONS OF MATHEMATICS 11

[Similar](#) shapes and objects have proportional relationships that can be described, measured, and compared.

[Optimization](#) informs the decision-making process in situations involving extreme values.

[Logical reasoning](#) helps us discover and describe mathematical truths.

Statistical analysis **allows us to notice, wonder about, and answer questions about** [variation](#).

This course is intended for those students who are pursuing post-secondary goals that do not require the study of theoretical calculus, examples being Social Sciences, Humanities, or Fine Arts. Prior to taking this course students will need to have completed Foundations and Pre-Calculus Mathematics 10. Upon completion of this course Students can take Foundations of Mathematics 12.

MATH: PRE-CALCULUS 11

Algebra allows us to [generalize](#) relationships through abstract thinking.

The meanings of, and [connections](#) between, operations extend to powers, radicals, and polynomials.

Quadratic [relationships](#) are prevalent in the world around us.

Trigonometry involves using [proportional reasoning](#) to solve [indirect measurement](#) problems.

This course is intended for those students who are pursuing post-secondary goals that require the study of theoretical calculus, examples being Math, Science, Engineering, Medicine, and Commerce. This course could be followed by Pre-Calculus 12. To achieve success in this course, it is strongly recommended that students complete Foundations of Math Pre-Calculus 10 and achieve 67% or better.

LANGUAGE 11

FRENCH 11

Listening and viewing with intent supports our acquisition of French.

The communicative context determines how we express ourselves.

Language and culture are interconnected and shape our perspective, identity, and voice.

Exploring diverse [forms of cultural expression](#) promotes greater understanding of our own cultural identity.

Acquiring French provides a unique opportunity to access and interact with the Francophone world.

Developing proficiency in French provides diverse [opportunities](#).

In French 11, students will continue to build on their repertoire of useful vocabulary, idiomatic expressions, and communication strategies while attempting to express themselves in French with a greater degree of fluency, including adjusting speech and writing to reflect different word choices and purposes. This is a year for reinforcement and refinement of structures learned in previous grades and for ventures into more demanding manipulations of the language (i.e., the simple future and conditional verb tenses). Students will be exposed to and will be given opportunities to respond to a variety of authentic materials and creative works in the French language. Culture and cultural differences within the Francophone world will also be emphasized. It is *expected that students communicate regularly in French* to continue to improve their language skills and to contribute to the development of a French speaking milieu.

SPANISH 11

Listening and viewing with intent supports our acquisition of a new language.

Language and culture are interconnected and shape our perspective, identity, and voice.

The communicative context determines how we express ourselves.

Exploring diverse [forms of cultural expression](#) promotes greater understanding of our own cultural identity.

Developing proficiency in a new language provides opportunities for careers, travel, personal growth, and study abroad.

Spanish 11 builds upon the skills, knowledge and vocabulary acquired in Spanish as a second language (SSL) grade 10 program. Students will interact with the language to express themselves with more fluency. Oral participation is a daily expectation and students will learn to support each other and seek meaning from their conversations. Taking risks, maintaining a positive attitude and having fun are important concepts in the Spanish classroom. Communication will take place using multiple verb tenses (present, future, past, conditional). The class will continue to discover other areas of the Spanish-speaking world and make connections between their lives and ours. We will process information in oral, visual, and written forms. Students will improve their use of grammatical concepts and vocabulary and will be introduced to Spanish literature, art and film.

PHYSICAL AND HEALTH EDUCATION

ACTIVE LIVING 11

Physical activity is an important part of overall health and well-being.

Finding enjoyable recreational activities can motivate people to participate more regularly in physical activity.

Safety and injury prevention practices allow lifelong participation in physical activities.

Active Living 11 provides opportunities for students to experience a variety of recreational pursuits and activities that promote lifelong, healthy living. Students participate in activities that promote social interaction, community responsibility, and skill development.

FITNESS AND CONDITIONING 11

Our personal fitness can be maintained or enhanced through participation in a [variety of activities at different intensity levels](#).

Knowing how our bodies move and function helps us [stay safe](#) during exercise.

Following proper [training guidelines](#) and techniques can help us reach our health and fitness goals.

Making [healthy choices](#) can help us reach our health and fitness goals.

This program is designed for those students who want to ‘take charge’ of their personal fitness level. This course concentrates on four areas including: 1. Anatomy and Physiology of the Human Body, 2. Effects of Exercise and Training Principles, 3. Development of Personal Fitness Plans, 4. Fitness Training.

* This will be a physically demanding course ideally suited for those students who are serious about being in good physical shape and those involved in the school’s extracurricular athletics program.

SPORT PERFORMANCE 11

Sport Performance 11 is designed to challenge the motivated athlete. Students will undertake an intensive multi-sport approach to skill and fitness development. This high-performance course provides athletes with the opportunity to focus on core team sports such as basketball, volleyball, soccer and field hockey for 1-2 month periods. Students are introduced to both cross-sport training methods and sport specific training routines that will help develop fundamental movement skills and improved fitness levels associated with athletic development. Note- Students may have the opportunity to work as coaches or sport mentors who help individuals in younger grades develop greater physical literacy. Pre-requisite; This course is most appropriate to motivated students who have successfully completed PE 10. Students who have not taken PE 10 may apply but are not guaranteed entry into the senior elective.

ARTS EDUCATION 11

ART STUDIO 11 (Independent Art Studies)

An artist’s intention transforms [materials](#) into art.

Visual arts reflect the interconnectedness of the individual, community, history, and society.

Growth as an artist is dependent on perseverance, resilience, refinement, and reflection.

Artistic expression is an artist’s physical and cognitive articulation of our [humanity](#).

Artistic works offer unique [aesthetic experiences](#) in a variety of contexts.

This course is an opportunity for serious art students to spend a semester exploring a variety of art materials, styles and art genres of their choice. Students will work closely with the instructor at the

beginning of the semester to design a set of projects that explore areas of interest for them. This course provides students with the opportunity to build a portfolio that could be used to apply for post-secondary art studies or to start their career as an artist. Students will have opportunities to assess their own work, as well as participate in a semester end art show.

CONTEMPORARY MUSIC 11

Music reflects aspects of time, place, and community.	The nuances of musical expression are understood through deeper study and performance.	A musician's interpretation of existing work is an opportunity to represent identity and culture.	Enduring understanding of music is gained through perseverance, resilience, and risk taking.	Contemporary music offers aesthetic experiences that can transform our perspective.
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Continue pursuing the craft of learning, rehearsing and performing music, with more emphasis on the process of creating music for a desired effect. Take on bigger musical challenges in both adapting music and writing original pieces. Collaborate with peers and perform in a variety of settings.

DRAMA 11

Individual and collective expression are founded on history, culture, and community.	Drama offers dynamic ways to explore and share identity and a sense of belonging.	Growth as an artist requires perseverance, resilience, and reflection.	Aesthetic experiences can effect change in the actor, audience, and environment.	Drama encourages creativity, innovation, and collaboration in a variety of contexts.
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This course continues to build on skills learned in Drama 9 and 10. Various styles of acting are approached with emphasis on character study. Students will be involved in script work and play building.

MUSICAL THEATRE 11

Growth as a theatre company requires perseverance, reflection, and collaboration.	Artists use movement, sound, imagery, and language to provide unique aesthetic experiences .	Active participation in a theatre company creates personal and cultural connections.	Preparing a theatre production requires active engagement, resilience, and commitment.
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Musical Theatre is a combination of acting, dancing and singing. This class will provide students with the opportunity to develop vocal technique, choreography, character development and interpretation, and stage presence. This course meets entirely outside of the regular timetable. It prepares students for the full-length school musical production. A considerable time commitment during the run of the school musical is required. Prerequisite: Successful Audition

Important Considerations: The students who choose this class are expected to spend 3-5 hours a week outside of school time in preparation for the musical. For three weeks prior to opening night, the rehearsal schedule will be more demanding and may include evening and weekend rehearsals. The production must be a priority over other extra-curricular activities during this three-week period. The students choosing this course must be responsible, self-disciplined and committed.

PHOTOGRAPHY 11

[Photography](#) is a unique art form that captures images in a variety of contexts.

Photography reflects the interconnectedness of the individual, community, history, and society.

Growth as a photographer is dependent on perseverance, resilience, and reflection.

Artistic expression is an artist's physical and cognitive articulation of our [humanity](#).

Have fun getting creative in this non-traditional class! Students can expect to spend a lot of class time outside of the classroom taking pictures throughout the school and community. Students will learn to take better pictures using a variety of composition techniques and then use their creativity and imaginations to turn photos into pieces of art. Student will participate in regular critiques where they will learn to assess their photos, as well as the work of others in the class. In this class students will learn advanced photographic techniques using Digital SLR cameras as well as learn to use professional studio lighting equipment. Students will work towards a semester end art show.

STUDIO ARTS 2D 11

An artist's intention transforms [materials](#) into two-dimensional art.

Visual arts **reflect the interconnectedness of the individual, community, history, and society.**

Growth as an artist is dependent on perseverance, resilience, and reflection.

Artistic expression is an artist's physical and cognitive articulation of our [humanity](#).

Two-dimensional artistic works provide unique [aesthetic experiences](#) in a variety of contexts.

Students taking this course can expect to create a variety of 2D art projects using lots of different mediums. The projects in this course draw on inspiration from lots of modern art movements such as: tattoo, graffiti, pop surrealism, sci-fi and fantasy art. Students will have the freedom to explore their own artistic interests while learning shading techniques, composition and colour theory. Students will be exposed to a variety of art mediums and styles. Students will have opportunities to assess their own art work, as well as participate in a semester end art show.

STUDIO ARTS 3D 11

An artist's intention transforms [materials](#) into three-dimensional art.

Visual arts reflect the interconnectedness of the individual, community, history, and society.

Growth as an artist is dependent on perseverance, resilience, and reflection.

Artistic expression is an artist's physical, emotional, and cognitive articulation of our [humanity](#).

Three-dimensional artistic works provide unique [aesthetic experiences](#) in a variety of contexts.

Students will get to use a variety of materials to make 3D art projects. Get ready to think outside of the box! Students can expect to use traditional and non-traditional sculpting materials, as well as explore the artwork of many contemporary artists. Students will explore 3D composition while learning hand building skills and a variety of finishing techniques. In this course students will have the freedom to explore their own artistic interests and styles, as well as, assess their own art work and participate in a semester end art show.

ADST: APPLIED DESIGN, SKILLS AND TECHNOLOGIES 11

AUTOMOTIVE TECHNOLOGY 11

Vehicle operation, service, and maintenance include consideration of [social and environmental impacts](#).

Personal service and maintenance interests require the evaluation and refinement of skills.

Tools and [technologies](#) can be adapted for specific purposes.

Automotive Technology 11 is a course in introductory automotive maintenance covering basic drive train construction, servicing, and related theory. Theoretical and practical daily service maintenance topics such as cooling, lubrication, electrical, tires/balance, braking systems, and tune-ups are stressed. Theory topics of braking, antilock brakes, current fuel delivery, and steering systems are introduced. This course is recommended for students who are interested in the automotive field and wish to take on projects.

CAR MAINTENANCE 11

Car Maintenance is an introductory course that focuses on the very basics of automotive repair and maintenance. This is a course for students wishing to learn some basic core skills without pushing into more complicated aspects of the automotive field. We will cover general vehicle maintenance, such as oil changes, tire rotations and fluid checks, as well as other areas like vehicle purchasing, driver responsibilities and general automotive tips. This course is recommended for beginner level students who do not plan on going any further in the automotive field.

COMPUTER PROGRAMMING 11

The [design cycle](#) is an ongoing reflective process.

Personal design choices require self-exploration, collaboration, and evaluation and refinement of skills.

Tools and technologies can be adapted for specific purposes.

Technology plays a dominant role in our day to day lives and its impact continues to grow. As the amount of technology use grows so does the need for coders. This course will allow students to explore the world of Computer coding and hardware. Students will look at how computers function/operate as well as how to tear down and rebuild a computer. Students will also learn how to code for both computer and phone applications. This course is relevant to all students, whether they pursue a career in tech or just enhance their knowledge of code, so they prepared for a high-tech future.

CULINARY ARTS 11

Service and creativity inform the culinary arts.

Cuisine design interests require the evaluation and refinement of culinary principles and practices.

Tools and technologies can be adapted for specific purposes.

Students are busy in the Teaching Kitchen producing great food for the school community in a commercial food facility. The pace is steady, and every day will bring new challenges in the form of new skills and techniques to learn and new recipes to try. Interested students need to be motivated, a team player, have great attendance, and communicate well.

DRAFTING 11

Design for the life cycle includes consideration of social and [environmental impacts](#).

Personal design interests require the evaluation and refinement of skills.

Tools and technologies can be adapted for specific purposes.

Students will learn the basic fundamentals of drafting, its purpose and importance and society and rules it follows. This is an introductory course in which students will learn the basic principles and gain skills in technical drawing. Students will learn how to use a CAD program (computer assisted design) to complete a variety of metric, imperial, and mechanical drawings. Drafting concepts covered will include multi-view, dimensioned, pictorial and working drawings.

This course is an essential skill for any students interested in the areas of; graphic arts, engineering, home design, interior design, or architecture. Later levels of this course will focus more on architectural drawings and possible CNC applications. It is also recommended for any students planning to take senior level metal or wood/construction courses. **PREREQUISITE:** None

METALWORK 11

Design for the life cycle includes consideration of social and [environmental impacts](#).

Personal design interests require the evaluation and refinement of skills.

Tools and technologies can be adapted for specific purposes.

Metal Fabrication 11 is a course in creative design, machine and bench skills, welding, and foundry. Design & modifications, layout, machining, and assembly of materials are stressed. The appropriate machine tools are introduced at this grade level. Students gain these skills with the construction of a working steam engine. Creative individual, critical thinking and problem-solving skills are established.

TEXTILES 11

Design for the life cycle includes consideration of social and [environmental impacts](#).

Personal design interests require the evaluation and refinement of skills.

Tools and technologies can be adapted for specific purposes.

Students will transform an old garment into something new. Learn proper terminology and investigate what it takes to make top quality clothing. Students will select individual projects to continue to expand their skill level.

WOODWORK 11

Design for the life cycle includes consideration of social and [environmental impacts](#).

Personal design interests require the evaluation and refinement of skills.

Tools and technologies can be adapted for specific purposes.

This is a furniture construction course. Units of study will include furniture design, safety, care and maintenance of hand and power tools, construction materials and methods, and the safe use of woodworking tools and machines. Students will gain knowledge and skills through the design and construction of one or more pieces of furniture selected by the student.

ADDITIONAL OFFERINGS

LEADERSHIP 11

Link Crew is a unique leadership course with the program's focus on the integration and success of the grade eight population. The structure of the program is such that while developing positive school culture, inclusiveness and citizenship at the grade eight level, it also strengthens these skills for the senior students who act as Link Leaders. Link Leaders are motivators, role models, teachers, and mentors. They help provide the environment where students learn that people at school care about them and their success. If you want to make a difference, join the Link Crew!

PEER TUTOR 11

Peer Tutoring 11 is a participation-based course that provides students the opportunity to assist and mentor others in their school community. Students work under teacher supervision and guidance in a variety of learning contexts (e.g. classroom aid, 1:1 support, alternate activity coordinator) where they personally engage and build connections with students. The course offers the opportunity for students to explore and recognize how people learn, including themselves. Students will be provided with opportunities to learn positive role modeling, interpersonal skills, empathy, leadership, teamwork, and teaching skills.

YOUTH WORK IN TRADES 11

Trades experiences outside of school expand our workplace skills and career-life options while providing opportunities for self-discovery.

Understanding and applying one's personal [rights and responsibilities](#) as a worker builds a safer work environment for all.

Pursuing trade pathways involves an inquiry cycle of questioning, planning, reflecting, adapting, and deciding next steps.

Students will begin an apprenticeship while still enrolled in high school. Students earn up to 16 credits towards their graduation, access the apprenticeship training system, receive paid work experience, and may be eligible for a \$1000 scholarship upon completion of their 480 hours of practical training. Students are responsible for providing a certified employer (journey-person) willing to provide work-based training.

*Students must also complete a successful interview with the Career Education Coordinator.

SUPPORT SERVICES

Both Learner Support and Learning Center are non- credit programs and admission to the support services is based on administration referral

LEARNING CENTER

The Learning Center is a space for students who require an individualized or alternative learning environment to a regular classroom. Students may self-pace through courses using the online platform Moodle, receive support for their learning in other courses through remediation or targeted study, and receive social emotional support alongside academic learning. The overall goal of the space is to provide students a safe, supportive environment to support both their academic goals and social-emotional well being.

LEARNER SUPPORT 10-12

Learner Support is provided to students who may need interventions to assist in their organizational and academic skills to help them with their success in school. Learning Support Teachers and EAs work with both students and classroom teachers. Students may be pulled out of a class for 1-on-1 or small group instruction for 20-30 minutes, 3 times a week as needed. During this time, students will be taught learning strategies to improve numeracy, reading comprehension, writing strategies, and self-

regulation strategies. The overall goal is for students to better understand themselves and advocate for themselves as learners.

GRADE 12

Required Courses	
English Credit English Studies 12 AP English Literature and Composition 12 Career Life Connections (4 Credits outside timetable)	
Options for Grade 12	
Social Studies 12 20th Century World History 12 Comparative Cultures 12 Economic Theory 12 (Video) (Slide) Explorations of Social Studies 11 Human Geography 12 Law Studies 12 Physical Geography 12 *Psychology 12 Social Justice 12 (* does not count as SS 11 credit)	Language 12 French 12 Spanish 12 ADST 12 Automotive Technology 12 Computer Programming 12 Culinary Arts 12 Drafting 12 Metalwork 12 Textiles 12 Woodwork 12
Science 12 Anatomy and Physiology 12 Chemistry 12 Environment Science 12 Physics 12 Specialized Science 12: Astronomy	Arts Education 12 Art Studio 12 Contemporary Music 12 Drama 12 Musical Theatre 12 Photography 12 Studio Arts 2D 12 Studio Arts 3D 12
Math 12 Foundations of Math 12 Pre-Calculus Math 12 Calculus 12 Statistics 12	Additional Offerings 12 Leadership 12 Peer Tutor 12 Work Experience 12A Work Experience 12B Youth Train in Trades 12 Youth Work in Trades 12
Physical and Health Education 12 Active Living 12 Fitness and Conditioning 12 Sport Performance 11	

ENGLISH STUDIES 12

The exploration of text and story deepens our understanding of diverse, complex ideas about identity, others, and the world.	People understand text differently depending on their worldviews and perspectives.	Texts are socially, culturally, geographically, and historically constructed.	Language shapes ideas and influences others.	Questioning what we hear, read, and view contributes to our ability to be educated and engaged citizens.	The examination of First Peoples cultures and lived experiences through text builds understanding of Canadians' responsibilities in relation to Reconciliation .
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The required English Studies 12 course builds on and extends students' previous learning experiences in English 10 and 11 courses. It is designed for all students and provides them with opportunities to: refine their ability to communicate effectively in a variety of contexts and to achieve their personal and career goals, think critically and creatively about the uses of language, explore texts from a variety of sources, in multiple modes, and that reflect diverse worldviews, deepen their understanding of themselves and others in a changing world, gain insight into the diverse factors that shape identity, appreciate the importance of self-representation through text, contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples and expand their understanding of what it means to be educated Canadian and global citizens.

AP ENGLISH LITERATURE AND COMPOSITION 12

Advanced Placement Literature and Composition is a challenging academic course and is intended for students who are already strong English students (those who earned a B or A in a grade 11 English course). Students who plan to attend university are strongly encouraged to take this course because it is similar to a first-year college/university English course regarding readings, workload and assessment. Students who take this course will become more comfortable with the advanced level of reading and the instructors' expectations found in most college/university classes. In this course, students will study a variety of short stories, plays, novels and poetry, and they will be provided with the tools needed to make significant improvements in their analytical and essay writing skills. Having an AP level course on a transcript, regardless of the mark in the course, is viewed favorably by university recruiters, and AP students have the opportunity to earn credit for a first-year university/college course if they earn a high enough mark on the Advanced Placement examination, written in early May.

CAREER LIFE CONNECTIONS 12 – Capstone

Career-life development includes ongoing cycles of exploring, planning, reflecting, adapting, and deciding.	Career-life decisions influence and are influenced by internal and external factors , including local and global trends .	Engaging in networks and reciprocal relationships can guide and broaden career-life awareness and options.	A sense of purpose and career-life balance support well-being .	Lifelong learning and active citizenship foster career-life opportunities for people and communities.
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Career Life Connections 12 is a 4 credit course required for graduation completed outside of the timetable. It is intended to prepare grade 12 students for a successful transition to career and life beyond high school. The 6 main areas of study include: Looking at how active citizenship and lifelong learning foster career

opportunities, examining how a sense of purpose and career-life balance support well-being, Engaging in network building and mentorship opportunities, Examining internal and external factors, local and global trends for ongoing cycles of career-life decisions, 30 hours of work or volunteer experience, The CLC capstone presentation.

CLC is required under the 2018 Graduation Program.

SOCIAL STUDIES 12

20TH CENTURY WORLD HISTORY 12

Nationalist movements can unite people in common causes or lead to intense conflict between different groups.

The rapid development and proliferation of technology in the 20th century led to profound social, economic, and political changes.

The breakdown of long-standing empires created new economic and political systems.

Students will examine how the history of the 20th century has shaped our present-day geopolitical landscape. The course will delve in to the evolution of political ideologies such as: Communism, Fascism, and Nazism to name a few to understand the geopolitical dynamics that these ideologies fostered. The course will investigate the rise and fall of empires, and the emergence of super powers to give the student a better perspective of what is going on in the world around them politically. This is an exciting course that allows the student a broad understanding of the political, social, and militaristic events of 20th century to present.

COMPARATIVE CULTURES 12

Understanding the diversity and complexity of cultural expressions in one culture enhances our understanding of other cultures.

Interactions between belief systems, social organization, and languages influence artistic expressions of culture.

Geographic and environmental factors influenced the development of agriculture, trade, and increasingly complex cultures.

Value systems and belief systems shape the structures of power and authority within a culture.

Students will examine the different components that make up culture (food, language, art, leadership, etc.). We will also study how cultures interact and identify with their physical environments. Further examination will include learning about how cultures can, and have, come into conflict.

ECONOMIC THEORY 12 (Video) (Slide)

Contemporary economic theory, practice, and terminology are grounded in centuries of economic theory.

Observing, interpreting, and judging past economic conditions from different perspectives and worldviews gave rise to competing theoretical approaches.

The implementation of economic theories has profound effects on social and political decision making and movements.

Economic systems have underlying and often opposing ethical standards and implications.

Economics 12 will introduce you to the exciting world of economics! Through the study of various economic concepts you will be able to better understand the important role economics plays in your world. Learn about stocks and investments, interest rates, government policy, the labour market, economic trends and the effects they can have on your personal wealth. Consumer choice, demand and supply, production resources, different market structures and the impact of government regulation on individual markets will also be examined. Gain a better understanding of global markets, personal finances, taxes and imports and exports, concepts that will benefit you throughout your life. This is a must take course for all future college/ university bound business students and anyone who may be planning on owning a business.

EXPLORATIONS OF SOCIAL STUDIES 11

Rapid industrialization, urbanization, and economic growth in Asia in the late 20th century have created complex social, political, and environmental challenges (adapted from Asian Studies 12 – 1850-present).	Cultural expressions convey the richness, diversity, and resiliency of B.C. First Peoples (from B.C. First Peoples 12).	Understanding the diversity and complexity of cultural expressions in one culture enhances our understanding of other cultures (from Comparative Cultures 12).	Physical features and natural resources influence demographic patterns and population distribution (adapted from Human Geography 12).	Understanding how political decisions are made is critical to being an informed and engaged citizen (from Political Studies 12).	The rapid development and proliferation of communication and transportation technologies in the 20th century led to profound changes in personal and national identities (adapted from 20th Century World History 12).	Indigenous peoples are reclaiming mental, emotional, physical, and spiritual well-being despite the continuing effects of colonialism (from Contemporary Indigenous Studies 12).
Religion can powerfully shape social, political, legal, and environmental values (from Comparative World Religions 12).	The implementation of economic theories has profound effects on social and political decision making and movements (from Economic Theory 12).	The intentional destruction of peoples and their cultures is not inevitable, and such attempts can be disrupted and resisted (from Genocide Studies 12).	A society's laws and legal framework affect many aspects of people's daily lives (from Law Studies 12).	Examining questions in philosophy allows people to question their assumptions and better understand their own beliefs (from Philosophy 12).	Social justice initiatives can transform individuals and systems (from Social Justice 12).	Decision making in urban and regional planning requires balancing political, economic, social, and environmental factors (from Urban Studies 12).

History Through Film allows students to gain an understanding of the events that have shaped the world, through movies and documentaries without pressure of academic workload. The course spans the events from the time frame of 1850-present. Students will view movies from a chosen list that allow them to better understand the events of today. This is an exciting course that opens history to those that might not be inclined to take a history class.

HUMAN GEOGRAPHY

Analyzing data from a variety of sources allows us to better understand our globally connected world.	Demographic patterns and population distribution are influenced by physical features and natural resources.	Human activities alter landscapes in a variety of ways.	A geographic region can encompass a variety of physical features and/or human interactions.
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The focus of Human Geography is to interpret and analyze how humans have had an impact on the geography, environment, and natural resources of the world; Human Geography encourages students to look at the relationship between people in their environment. The course will delve into both the positive and

negative impacts that human have on the Earth. Human Geography will also interpret the different cultural interactions of world and the growing issues that we face due to demographic shifts and changes. This is an exciting course that will allow students to understand the changes that are occurring, and why they are occurring.

LAW STUDIES 12

Understanding legal rights and responsibilities allows citizens to participate more fully in society.

Laws can maintain the status quo and can also be a force for change.

A society's laws and legal framework affect many aspects of people's daily lives.

Laws are interpreted, and these interpretations may evolve over time as a society's values and worldviews change.

Law Studies 12 examines the Canadian legal system. Students will learn about legal rights, legal history, criminal law, and civil law. Class discussions and case studies are frequent. Laws are constantly in flux, and current events will become topics of debate in the class.

PHYSICAL GEOGRAPHY 12

Incorporating data from a variety of sources allows us to better understand our globally connected world.

Natural processes have an impact on the landscape and human settlement.

Interactions between human activities and the atmosphere affect local and global weather and climate.

The focus of Physical Geography is to encourage students look at the relationships between people **and** their environment. Studies in physical geography (tectonic forces, earthquakes, volcanoes, climate, weather, vegetation zones, glaciation, rivers, oceans, etc.) and map work will help students gain a sound working knowledge and understanding of their physical environment. This knowledge will lead to further in-depth studies of how human activity influences and changes environments throughout the world. This introductory course is *similar* to courses offered at post-secondary institutions, which are often used as Science credits for Bachelor of Arts requirements.

***PSYCHOLOGY 12 (NOT A SOCIAL STUDIES CREDIT)**

We can think critically and employ the scientific method to examine assumptions, weigh evidence and test conclusions of how the mind works.

We can understand human behavior from the biological, psychological and social-cultural aspects, influenced by genes and culture.

Our perception, thinking, memory, and attitudes all operate on two levels: conscious and unconscious, which shape our awareness.

When we understand troublesome behaviors and emotions, we can offer relief and help build beneficial emotions and traits through positive psychology.

Psychology 12 is a course designed to provide students with an in-depth understanding of human behaviour and some basic concepts in the field of psychology. This course has been developed for those students who have an interest in psychology and wish to pursue it further at the post-secondary level. Students will learn the four key goals of psychology: to explore and describe particular behaviours and psychological disorders, to understand the theories of behaviour, to look for patterns and predict when a behaviour will occur in the future, and to help change inappropriate behaviour or circumstances. For many students this course may be their only formal exposure to the social science of psychology.

SOCIAL JUSTICE 12

Social justice issues are interconnected.

Individual worldviews shape and inform our understanding of social justice issues.

The causes of social injustice are complex and have lasting impacts on society.

Social justice initiatives can transform individuals and systems.

Social Justice 12 allows the students to learn about social justice issues, such as racism, LGBTQ+ discrimination, genocide, media manipulation, and other human rights concerns. The students are asked to try and make a small difference in the world we share.

SCIENCE 12

ANATOMY AND PHYSIOLOGY 12

Homeostasis is maintained through physiological processes.

Gene expression, through protein synthesis, is an interaction between genes and the environment.

Organ systems have complex interrelationships to maintain homeostasis.

This course is aimed at students hoping to pursue a post-secondary education in a scientific or related field. Anatomy and Physiology 12 is a course in physiology (structure and function) of cells and systems in humans. The first section reviews all aspects of cell functioning (biochemistry) and it is useful to the student to have completed CH 11. For the remainder of the course, the main human body systems are discussed with respect to structure, function, and control mechanisms (Digestion, Circulation, Respiration, Excretion, Nerves, Hormones, Reproduction). CH 11 recommended. A 'C+' or higher in Biology 11 is also recommended.

CHEMISTRY 12

Reactants must collide to react, and the reaction rate is dependent on the surrounding conditions.

Dynamic equilibrium can be shifted by changes to the surrounding conditions.

Saturated solutions are systems in equilibrium.

Acid or base strength depends on the degree of ion dissociation.

Oxidation and reduction are complementary processes that involve the gain or loss of electrons.

Chemistry 12 covers five main topics: Reaction Dynamics, Equilibrium, Solubility, Acids/Bases, and Electrochemistry. This course will give students planning to take university chemistry, a firm background for and introduction to the material covered in a first year university chemistry courses. A grade of C+ or higher in Chemistry 11 is recommended.

ENVIRONMENTAL SCIENCE 12

Human actions affect the quality of water and its ability to sustain life.

Human activities cause changes in the global climate system.

Sustainable land use is essential to meet the needs of a growing population.

Living sustainably supports the well-being of self, community, and Earth.

Environmental Science is the study of how human actions affect the water, the atmosphere, the land and global climate systems. We will study factors that are impacting the health of our land, water, and air, both locally and on a global scale. The course will examine sustainably practices of resource use and food production.

PHYSICS 12

Measurement of motion depends on our frame of reference.	Forces can cause linear and circular motion .	Forces and energy interactions occur within fields .	Momentum is conserved within a closed and isolated system.
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Physics 12 is a requirement for specific post-secondary science options and is recommended for many others. Students are advised to check entrance requirements for their anticipated field of study as the requirement for Physics 12 varies from one institution to another. Physics 12 is an advancement on Physics 11. Students will take motion to a two-dimensional level and will explore topics such as torque, electrostatics and electromagnetism. As this is an applied math course, students require a strong mathematical background. Consequently, it is recommended that students taking Physics 12 have a C+ or better in both Physics 11 and Pre-calculus Math 11.

SPECIALIZED SCIENCE 12: ASTRONOMY

Elements and compounds have specific properties.	An object's motion can be predicted, analyzed, and described.	Forces interact within fields and cause linear and circular motion.	Astronomy seeks to explain the origin of the universe and interactions of celestial bodies.
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Astronomy is open to grade 11 and 12 students interested in learning more about astronomy and using the school's 12" Dobsonian telescope. The course will cover both chemistry and physics topics as they relate to space and the origins of the universe.

MATH 12

FOUNDATIONS OF MATHEMATICS 12

Probabilistic thinking informs decision making in situations involving chance and uncertainty.	Modelling data requires an understanding of a variety of functions.	Mathematical analysis informs financial decisions .	Through explorations of spatial relationships, we can develop a geometrical appreciation of the world around us.
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This course is intended for those students who are pursuing post-secondary goals that do not require the study of theoretical calculus, examples being Social Sciences, Humanities, or Fine Arts. A mark of 67% or better is recommended to have been obtained in Foundations 11 for success in this course.

PRE-CALCULUS 12

Using inverses is the foundation of solving equations and can be extended to relationships between functions.	Understanding the characteristics of families of functions allows us to model and understand relationships and to build connections between classes of functions.	Transformations of shapes extend to functions and relations in all of their representations.
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Is intended for students applying for first year sciences or applied sciences. It is recommended that a mark of 67% or better be obtained in Pre-Calculus 11 for success in this course.

CALCULUS 12

The concept of a limit is foundational to calculus.	Differential calculus develops the concept of instantaneous rate of change .	Integral calculus develops the concept of determining a product involving a continuously changing quantity over an interval.	Derivatives and integrals are inversely related .
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Recommended: Students must be enrolled in Pre-Calculus of Math 12. It is recommended that students take Pre-Calc. 12 first semester and Calc. 12 second semester, however, Pre. Calc.12 can be taken at the same time as Calculus 12. This course is intended to introduce students to the field of calculus.

STATISTICS 12

Statistics plays an integral role in research, decision making, and policy in society.	The research question and practical and ethical issues determine whether a statistical study should be observational or experimental.	Statistical analysis allows us to explore, describe, model, and explain variation.	We can develop statistical thinking to help make inferences intuitive.	Statistical findings gain value through effective communication .
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Ever heard someone say “The odds are, research shows...” and wonder how they make these claims and what it all means to you? Decisions or predictions are often based on data—numbers in context. These decisions or predictions would be easy if the data always sent a clear message, but the message is often obscured by variability. Statistics provides tools for describing variability in data and for making informed decisions that take it into account. This course has real life applications and is one subject area that almost all students will have to study in Post-Secondary.

PHYSICAL AND HEALTH EDUCATION

ACTIVE LIVING 12

Physical activity is an important part of overall health and well-being.	Finding enjoyable recreational activities can motivate people to participate more regularly in physical activity.	Safety and injury prevention practices allow lifelong participation in physical activities.
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Physical Education 12 provides opportunities for students to experience a variety of recreational pursuits and activities that promote lifelong, healthy living. Students participate in activities that promote social interaction, community responsibility, and skill development. At SOSS students enrolling in PE12 may experience the following units: tennis, golf, racquetball, fitness, leisure games, team building, leadership, softball, sport science, handball, school/community service. NOTE: Some units may require students to pay an activity fee.

FITNESS AND CONDITIONING 12

Our personal fitness can be maintained or enhanced through participation in a [variety of activities at different intensity levels](#).

Knowing how our bodies move and function helps us [stay safe](#) during exercise.

Following proper [training guidelines](#) and techniques can help us reach our health and fitness goals.

[Personal choices](#) influence our health and fitness goals.

This program is designed for those students who want to ‘take charge’ of their personal fitness level. This course concentrates on four areas including: 1. Anatomy and Physiology of the Human Body, 2. Effects of Exercise and Training Principles, 3. Development of Personal Fitness Plans, 4. Fitness Training.

* This will be a physically demanding course ideally suited for those students who are serious about being in good physical shape and those involved in the school’s extracurricular athletics program.

LANGUAGE 12

FRENCH 12

Language learning is a lifelong process.

With increased proficiency in French, we can discuss and justify opinions with nuance and clarity.

Sharing our feelings, opinions, and beliefs in French enhances our identity as French speakers.

Appreciation of Francophone cultures allows us to understand and explore global issues with greater awareness.

Exploring diverse [forms of cultural expression](#) promotes a greater understanding and appreciation of cultures worldwide.

Becoming more proficient in French allows us to explore diverse [opportunities](#).

Students will continue to build on their repertoire of useful vocabulary and idiomatic expressions while attempting to express themselves in French with a greater degree of spontaneity, fluency, and accuracy. This is a year for reinforcement and refinement of structures learned in previous grades and for ventures into more demanding manipulations of the language (i.e., the subjunctive tense). Students will be exposed to and will be given opportunities to respond to a variety of authentic materials and creative works in the French language. Culture and cultural differences within the Francophone world will also be emphasized. It is *expected that students communicate regularly in French* to continue to improve their language skills and to contribute to the development of a French speaking milieu.

SPANISH 12

Language learning is a lifelong process.

Sharing our feelings, opinions, and beliefs in a new language contributes to our identity.

With increased language proficiency, we can discuss and justify opinions with nuance and clarity.

Exploring diverse [forms of cultural expression](#) promotes greater understanding and appreciation of cultures worldwide.

Becoming more proficient in a new language enables us to explore global issues.

Spanish 12 builds upon the skills, knowledge and vocabulary acquired in Spanish as a Second Language (SSL) grade 11 program. Students will practice meaningful interaction by reacting to everyday situations and supporting their points of view. Oral participation will occur naturally, and students will willingly converse with classmates and encourage each other to be fully engaged in the class. Communication will take place using multiple verb tenses (present, future, past, conditional) as well as other complex grammatical structures. The focus will be on enjoying Spanish and increasing one’s awareness of Spanish as a global language. We will process information in oral, visual and written

forms with a greater emphasis on fluency and maturity of thought. Students will expand their grammatical skills, master higher level vocabulary, and gain an appreciation of Spanish literature and film.

ADST: APPLIED DESIGN, SKILLS AND TECHNOLOGIES

AUTOMOTIVE TECHNOLOGY 12

Vehicle operation, service, and maintenance include consideration of [social and environmental impacts](#).

Personal service and maintenance interests require the evaluation and refinement of skills.

Tools and [technologies](#) can be adapted for specific purposes.

This course complements material covered in AT 11. It is largely a practical course covering automotive engine overhaul, component remanufacturing, steering/suspension systems, trouble shooting, driveline and general automotive service. Current topics such as electronic fuel injection theory and service in Throttle Body Injection (TBI) and Port Fuel Injection (PFI) are introduced. Computerized data information systems using the “ON DEMAND” system, and scan tool diagnostic trouble shooting is covered. This course is for students experienced in the Automotive field and want to further their knowledge and skills.

COMPUTER PROGRAMMING 12

The [design cycle](#) is an ongoing reflective process.

Personal design choices require self-exploration, collaboration, and evaluation and refinement of skills.

Tools and technologies can be adapted for specific purposes.

Technology plays a dominant role in our day to day lives and it’s impact continues to grow. As the amount of technology use grows so does the need for coders. This course will allow students to explore the world of Computer coding and hardware. Students will look at how computers function/operate as well as how to tear down and rebuild a computer. Students will also learn how to code for both computer and phone applications. This course is relevant to all students, whether they pursue a career in tech or just enhance their knowledge of code so they prepared for a high tech future.

CULINARY ARTS 12

Service and creativity inform the culinary arts.

Cuisine design interests require the evaluation and refinement of culinary principles and practices.

Tools and technologies can be adapted for specific purposes.

Students are busy in the Teaching Kitchen producing great food for the school community in a commercial food facility. The pace is steady, and every day will bring new challenges in the form of new skills and techniques to learn and new recipes to try. Interested students need to be motivated, a team player, have great attendance, and communicate well.

DRAFTING 12

Design for the life cycle includes consideration of social and [environmental impacts](#).

Personal design interests require the evaluation and refinement of skills.

Tools and technologies can be adapted for specific purposes.

This course is an expansion of Drafting 11 and will refresh students on the basics of Drafting and Design. It will then focus them on a field such as 3D modeling, design, architectural, multi-view and pictorial and working drawings allowing them to increase their skill in the field they find interest in.

Programs like AutoCAD, Revit, Inventor and Fusion will be used. Recommended for students with Drafting experience and who would like to focus on a specific area.

METALWORK 12

Design for the life cycle includes consideration of social and [environmental impacts](#).

Personal design interests require the evaluation and refinement of skills.

Tools and technologies can be adapted for specific purposes.

This course is a continuation of the bench work and machine skills of Metal 11. Although topics such as internal boring/threading, tool post grinding, and milling machine dividing head are introduced, emphasis is placed on welding fabrication using conventional oxyacetylene (OAW) welding and cutting, stick (SMAW) arc, and MIG (GMAW) welding processes. Students may also experience TIG welding with the option of stainless steel and aluminum welding at this grade level. Students can design a realistic major project within their ability, or be assigned projects that will enhance their knowledge of the Metal Technology field.

TEXTILES 12

Design for the life cycle includes consideration of social and [environmental impacts](#).

Personal design interests require the evaluation and refinement of skills.

Tools and technologies can be adapted for specific purposes.

Explore the world of fashion and design while creating garments that reflect your own unique interests. In this course you will learn how to make changes to commercial patterns for the perfect fit or to personalize the design. Students will transform an old garment into something new. Learn proper terminology and investigate what it takes to make top quality clothing. Students will select individual projects to continue to expand their skill level.

WOODWORK 12

Design for the life cycle includes consideration of social and [environmental impacts](#).

Personal design interests require the evaluation and refinement of skills.

Tools and technologies can be adapted for specific purposes.

This is a production woodworking course designed to allow the student to further expand existing knowledge and skills in millwork and joinery, while experiencing the world of work through the design and construction of real world wooden products. Product emphasis will be directed towards school, community and student needs. The safe use and maintenance of required tools and machines will be taught, as well as any related theory.

ARTS EDUCATION 12

ART STUDIO 12 (Independent Art Studies)

An artist's intention transforms [materials](#) into art.

Visual arts are an essential element of culture and personal identity.

Refining artistic expression requires perseverance, resilience, and risk taking.

Purposeful artistic choices enhance the depth and meaning of artistic work.

[Aesthetic experiences](#) have the power to transform our perspective.

This course is an opportunity for serious art students to spend a semester exploring a variety of art materials, styles and art genres of their choice. Students will work closely with the instructor at the beginning of the semester to design a set of projects that explore areas of interest for them. This course

provides students with the opportunity to build a portfolio that could be used to apply for post-secondary art studies or to start their career as an artist. Students will have opportunities to assess their own work, as well as participate in a semester end art show.

CONTEMPORARY MUSIC 12

Music communicates traditions, perspectives, worldviews, and stories.	Creative and technical proficiency in music is transferable across different aspects of our lives.	Music can be adapted to facilitate limitless expression and meaning.	Purposeful choices enhance the quality, artistry, and authenticity of musical processes.	Contemporary music offers aesthetic experiences that can transform our perspective.
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Ensemble and individual study of music from contemporary, Indigenous, and emerging musical traditions. Course includes a varied repertoire of music for study and performance and focuses on connecting music with community and post-graduation life.

DRAMA 12

Drama is a way of sharing and understanding traditions, perspectives, cultures, and worldviews.	Drama offers dynamic ways to express our identity and sense of belonging.	Growth as an artist requires perseverance, resilience, and reflection.	Aesthetic experiences have the power to transform our perspective.	Drama provides opportunities for creativity, innovation, and collaboration.
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Students will continue to develop and exercise their improvisational and characterization skills. Students will be expected to produce select presentations for specific audiences. They will also study theatre history through the development of various acting styles. Areas of study will cover Greek, Shakespearean, Commedia and Modern.

MUSICAL THEATRE 12

Growth as a theatre company requires perseverance, reflection, and collaboration.	Artists use movement, sound, imagery, and language to provide unique aesthetic experiences .	Active participation in a theatre company creates personal and cultural connections.	Preparing a theatre production requires active engagement, resilience, and commitment.
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Musical Theatre is a combination of acting, dancing and singing. This class will provide students with the opportunity to develop vocal technique, choreography, character development and interpretation, and stage presence. This course meets entirely outside of the regular timetable. It prepares students for the full-length school musical production. A considerable time commitment during the run of the school musical is required. Prerequisite: Successful Audition

Important Considerations: The students who choose this class are expected to spend 3-5 hours a week outside of school time in preparation for the musical. For three weeks prior to opening night, the rehearsal schedule will be more demanding and may include evening and weekend rehearsals. The production must be a priority over other extra-curricular activities during this three-week period. The students choosing this course must be responsible, self-disciplined and committed.

PHOTOGRAPHY 12

Photography is a unique art form that captures images for a variety of purposes.

Photography is an essential element of culture and reveals insights into the human experience.

Refining photographic expression requires perseverance, resilience, and risk taking.

Purposeful artistic choices by the photographer enhance the impact of a photograph.

Photography provides [aesthetic experiences](#) that have the power to effect change.

Have fun getting creative in this non-traditional class! Students can expect to spend a lot of class time outside of the classroom taking pictures throughout the school and community. Students will learn to take better pictures using a variety of composition techniques and then use their creativity and imaginations to turn photos into pieces of art. Student will participate in regular critiques where they will learn to assess their photos, as well as the work of others in the class. In this class students will learn advanced photographic techniques using Digital SLR cameras as well as learn to use professional studio lighting equipment. Students will work towards a semester end art show.

STUDIO ART 2D 12

An artist's intention transforms [materials](#) into two-dimensional art.

Visual arts are an essential element of culture and personal identity.

Refining artistic expression requires perseverance, resilience, and risk taking.

Purposeful artistic choices enhance depth and meaning in artistic works.

[Aesthetic experiences](#) have the power to transform our perspective.

Students taking this course can expect to create a variety of 2D art projects using a variety of different media. The projects in this course draw on inspiration from lots of modern art movements such as: tattoo, graffiti, pop surrealism, sci-fi and fantasy art. Students will have the freedom to explore their own artistic interests while learning shading techniques, composition and colour theory. Students will be exposed to a variety of art mediums and styles and have opportunities to assess their own work, as well as participate in a semester end art show. This course gives students lots of freedom to create project they are personally interested in.

STUDIO ART 3D 12

An artist's intention transforms [materials](#) into three-dimensional art.

Visual arts are an essential element of culture and personal identity.

Refining artistic expression requires perseverance, resilience, and risk taking.

Purposeful artistic choices enhance the depth and impact of artistic works.

[Aesthetic experiences](#) have the power to transform our perspective.

Students will get to use a variety of materials to make 3D art projects. Get ready to think outside of the box! Students can expect to use traditional and non-traditional sculpting materials, as well as explore the artwork of many contemporary artists. Students will explore 3D composition while learning hand building skills and a variety of finishing techniques. In this course students will have the freedom to explore their own artistic interests and styles, as well as assess their own work and participate in a semester end art show.

ADDITIONAL OFFERINGS

LEADERSHIP 12

This course is intended to further develop leadership skills that were established in Link Crew 11. Link 12 Leaders would assist in the training of new Link 11 Leaders and take on a primary leadership role immediately. The aim of the course is to focus on the development of positive school culture,

inclusiveness and citizenship through the strength of student leaders. A variety of opportunities will be available to achieve these goals. If you are motivated and lead by example, join the Crew.

PEER TUTOR 12

Peer Tutoring 12 Is a course designed to give senior students the opportunity to work with junior and senior students in a variety of classroom settings. Peer Tutoring is a participation-based course that provides students the opportunity to be proactive in assisting and mentoring others in the school community. Students work under teacher-supervision in a preferred subject area and engage in a variety of settings. They will build connections with their peers while assisting and supporting a peer in the practice of a skill, be it physical or academic. Through observation, modelling, support and engagement, peer tutors will assist students with homework completion, concept attainment in class, study skills and test preparation. Students, under teaching direction, will assist and directly prepare supporting materials for their classrooms that reflect the needs.

WORK EXPERIENCE 12A and WORK EXPERIENCE 12B

Experiences outside of school expand our workplace skills and career-life options while providing opportunities for self-discovery.

Personal awareness and pathway options are developed through an inquiry mindset.

Understanding and applying one's personal [rights and responsibilities](#) as a worker builds a safer work environment for all.

*Work Experience satisfies Applied Skills requirement.

Work Experience 12A requires 90-100 hours on the job experience. This course develops an understanding of the knowledge, skills and attitudes that contribute to success in a chosen career of interest. Students will establish contacts in the business/work community, special admission status with post-secondary institutions and an opportunity to discover personal interests, abilities and strengths leading to increased self confidence in the business/work world. Workplace health and safety, securing and maintaining work, workplace application and education and career planning are major learning outcomes of this course. Work Experience 12B may be taken immediately following Work Experience 12A, or after consultation with the Career Education Coordinator.

YOUTH TRAIN IN TRADES 12

The Youth Train in Trades program is one where students are working towards their certification in a trade governed by SkilledTradesBC as they complete Level 1 Technical Training. The program enables students to earn both high school graduation credits as well as credit for the first level of technical training, usually at Post-Secondary, while still in high school. Tuition is paid by the School District. Some students can enroll in a "Foundation" program," in order to get hired as an apprentice. Programs vary in length from 24- 40 weeks. These programs take students with little or no experience and provide them with the skills necessary to get hired in their particular trade.

YOUTH WORK IN TRADES 12

Trades experiences outside of school expand our workplace skills and career-life options while providing opportunities for self-discovery.

Understanding and applying one's personal [rights and responsibilities](#) as a worker builds a safer work environment for all.

Pursuing trade pathways involves an inquiry cycle of questioning, planning, reflecting, adapting, and deciding next steps.

*Youth Work in Trades courses satisfy Applied Skills requirement.

Students will begin an apprenticeship while still enrolled in high school. Students earn up to 16 credits towards their graduation, access the apprenticeship training system, receive paid work experience, and may be eligible for a \$1000 scholarship upon completion of their 480 hours of practical training. Students are responsible for providing a certified employer (journey-person) willing to provide work-based training. Students must also complete a successful interview with the Career Education Coordinator.

SUPPORT SERVICES

Both Learner Support and Learning Center are non- credit programs and admission to the support services is based on administration referral

LEARNING CENTER

The Learning Center is a space for students who require an individualized or alternative learning environment to a regular classroom. Students may self-pace through courses using the online platform Moodle, receive support for their learning in other courses through remediation or targeted study, and receive social emotional support alongside academic learning. The overall goal of the space is to provide students a safe, supportive environment to support both their academic goals and social-emotional well being.

LEARNER SUPPORT 10-12

Learner Support is provided to students who may need interventions to assist in their organizational and academic skills to help them with their success in school. Learning Support Teachers and EAs work with both students and classroom teachers. Students may be pulled out of a class for 1-on-1 or small group instruction for 20-30 minutes, 3 times a week as needed. During this time, students will be taught learning strategies to improve numeracy, reading comprehension, writing strategies, and self-regulation strategies. The overall goal is for students to better understand themselves and advocate for themselves as learners.

When it comes to future degrees you have numerous choices. We have tried to summarize some of the material to give you a starting point. However, you should always check the Universities websites as well as talk to University and school councilors as requirements change on a regular basis.

General Areas of Study

<u>Arts:</u> Languages Psychology Sociology History Geography...	<u>Business</u> Management Accounting Finance International Bus Entrepreneur	<u>Engineering</u> Civil Chemical Computer Environmental Structural ...	<u>Science</u> Biology Chemistry Physics Earth Science Biochemical
Related Careers: Psychiatrist Psychologist Social Worker Councilor Teacher	Related Careers: Accountant Business owner Financial manager Economist Health Care Mgmt	Related Careers: Robotics Aerospace City Planning Structure Design Environmental	Related Careers: Marine Biologist Doctor Pharmacist Cancer research Prosthetics

Universities suggest that after meeting the entrance requirements that students should focus on taking courses related to their field of study; these courses will give students a preview (head start) on first year courses. All university students need to prove proficiency in English, which is achieved, in most cases by completing any English 11 and 12. (or AP) The following is an overall summary of focus courses for the given degree areas. Specific requirements for a given university can be found in their course selection area (please read course descriptions for pre requisites). Most universities require 5 academic Grade 12 courses but these can vary by institution. It should also be noted that many non academic classes such as Psychology 12, Computer Science 12, Arts 12 and other electives courses can be great for Post Secondary preparation.

It is also suggested that once students have an idea of the area of study they wish to pursue they should work out their first year of courses. This will allow the students to look at the individual course requirements as these may be different than the general entrance requirements. For example, to take first year Calculus some universities require a final grade of 86% in Pre Calculus 12 or university equivalent.

Arts - Students should focus on Humanities (Note UBC Vancouver requires Pre Cal 11 for all arts programs)

Required: **Any English 12**
 Any Socials 12

Focus Courses:

Comparative Cultures 12
Economics 12
French 12
Human Geography 12
Law 12
Social Justice 12

Other Accepted Courses:

Anatomy and Physiology 12
Chemistry 12
Physics 12
Pre Calculus 12
Statistics 12
Calculus 12

Business (UBC Sauder and SFU Beutle)

Required:

Any English 12
Any Science 12
Pre Calculus 12

Focus Courses:

Calculus 12 **(86% or university intro math course required)**
Economics 12
Law 12

Other Accepted Courses:

Anatomy and Physiology 12
Physics 12
Chemistry 12
Twentieth Century History

Engineering— Focus on Math and Science

Required: **Any English 12**
 Pre Calculus 12 (86% or university intro math course required)
 Calculus 12
 Chemistry 12
 Physics 12

Other Accepted Courses

Anatomy and Physiology 12
Statistics 12
French 12
Spanish 12

Note: Smaller engineering programs such as UBCO accept Social studies courses.

Science – Focus on Math and Science Required:

Any English 12

Any Socials 12

Pre Calculus 12 (86% or university intro math course required)

Chemistry 11

Physics 11

Other Required Courses (two of)

Anatomy and Physiology 12

Calculus 12

Chemistry 12*

Physics 12*

Focus Courses

Any course from previous section

Statistics 12

Other Accepted Courses

Comparative Cultures 12

Economics 12

French 12

Human Geography 12

Law 12

Social Justice 12

***(Many institutions require Chem 12, Phy 12 or a university equivalent to earn a BSc degree)**

In depth links for Undergraduate Application Process; information found here is relevant to the course selection process for Grade 11 and Grade 12 Courses.

UBC—OKANAGAN Undergraduate Program Admission (High School Requirements)

<http://www.calendar.ubc.ca/okanagan/index.cfm?tree=2,356,0,0#18117>

UBC—VANCOUVER Undergraduate Program Admission (High School Requirements)

<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,325,0,0>

U-Vic—Undergraduate Admissions Requirements and Faculty Descriptions for High School Applicants

<https://www.uvic.ca/undergraduate/programs/undergraduate-programs/index.php>

UNBC—Undergraduate Admission Requirements by Degree Groups

<https://www2.unbc.ca/sites/default/files/sections/calendar/undergraduate/admissionbydegreetgroupv6.pdf>

U of A—Undergraduate Admissions & Programs

<https://apps.admissions.ualberta.ca/programs/>

Okanagan College—Application information & Requirements for Diploma , Associate Degree & Certificate Programs

<https://www.okanagan.bc.ca/program-search>

BCIT—Program admission requirements

<https://www.bcit.ca/admission/entrance-requirements/equivalencies/bc-yukon-high-school/>