



ÉCOLE SECONDAIRE ESQUIMALT HIGH SCHOOL

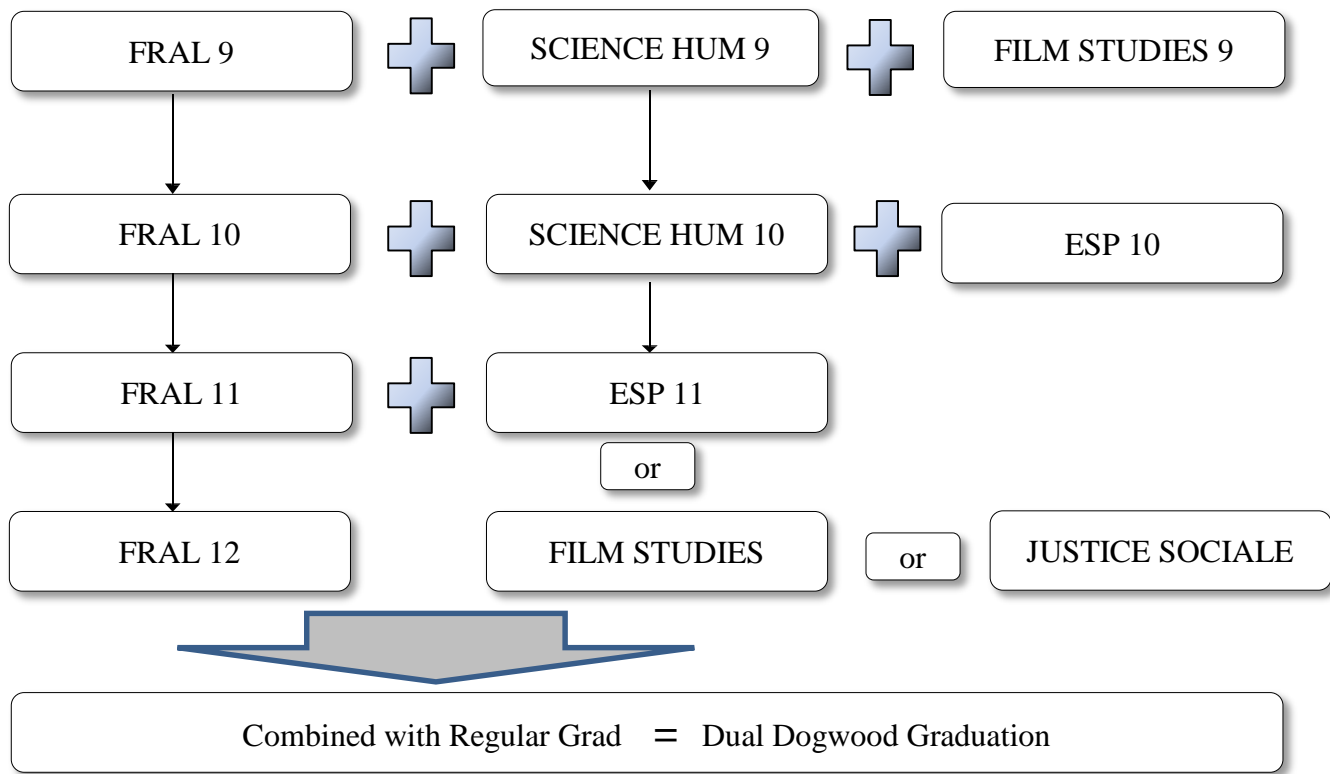
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FRENCH IMMERSION

Bonjour et bienvenue au programme d'Immersion de l'école secondaire Esquimalt.

Esquimalt High School offers French Immersion at the Grade 9 – 12 levels. Courses offered are based on enrolment. Students are expected to complete a minimum of 9 courses (36 credits) in French Immersion in order to graduate with a dual Dogwood Certificate. However, students will also be able to take single immersion courses to maintain their French. All classroom instruction is conducted in French. Students are expected to submit all of their work in French and speak French at all times in class. In addition, there is a Spanish option for French Immersion students, as well as Advanced Placement credit opportunities. It can be expected that students can graduate with a fluency in both French and Spanish.



Courses offered

- Sciences humaines 09
- Français langue 09
- Cinéma (Études en)/Film Studies 9 (in French)
- Espagnol 10
- Sciences humaines 10
- Français langue 10
- Français langue 11
- Espagnol 11
- Français langue 12
- Cinéma (Études en)/Film Studies 11 (in French)
- Justice Sociale 12

Grade 9 Year

(These three courses must be completed in grade 9)

SCIENCES HUMAINES 9 (required)

This course includes the study of European history from the Renaissance to the Industrial Revolution. Canadian geography and early Canadian exploration and development are also considered. Students are expected to discuss topics knowledgeably and to make class presentations.

FRANÇAIS LANGUE 9 (required)

Curriculum objectives are woven into a variety of creative and interactive lessons designed to develop language skills and deepen appreciation of francophone culture in a global context. Students will learn to develop and apply their critical thinking skills during discussion, analysis, and interpretation of various genres. Through the study and use of more complex language conventions, students will become more proficient in French. This course integrates oral communication, reading and writing skills and emphasizes collaborative activities. A dictionary and a verb text (Bescherelle) are required for all French Immersion courses. Students may wish to begin preparing for AP French (Advanced Placement) options in their 11 or 12 year. International trips to France and other French-speaking countries occur every few years through the French department.

ART DRAMATIQUE: CINÉMA (in French) 9 (Required)

Blend your love of learning French with your interest in the exciting world of theatre and film! Art dramatique: cinema, ESQ's new French immersion elective, will explore a variety of exciting themes relating to the world of drama and film. In viewing, analyzing, and discussing both fiction and non-fiction films, we will discover the world of cinema while further developing core competencies in oral and written French. Students will also have the opportunity to practice their French skills in a variety of exciting drama-based activities. This is a wonderful way to develop a richer and more varied vocabulary while learning about different subjects of interest featured in the class. This course will help students learn about francophone culture, develop confidence in their speaking ability in French, and engage in creative activities. This is a two level course; taking both levels (9 and 11) will satisfy elective requirements for the French Immersion program. Come and explore French in a whole new way...through the study of drama and film!

Grade 10 Year

(Students must complete these three courses in grade 10)

SCIENCES HUMAINES 10 (required)

With the new curriculum, this class looks at Canadian history from 1919 to present day while focusing on the global and regional conflicts and how they are a powerful force in shaping our world and identities, how the development of political institutions is influenced by economic, social, ideological, and geographic factors, how worldviews lead to different perspectives and ideas about developments in Canadian society, and how the historical and contemporary injustices challenge the narrative and identity of Canada as an inclusive, multicultural society. Students are expected to participate in classroom discussion and debates as well explore their ideas with research, multi-media presentations, and other creative outlets.

FRANÇAIS LANGUE 10 (required)

Students expand the use of both written and oral language skills. Composition stresses excellence in writing for a variety of purposes. Literary criticism is refined; oral and written presentations are expected. A dictionary and a verb text (Bescherelle) are required for all French Immersion courses. This is an immersive environment designed to reinforce existing skills, develop vocabulary, and hone new skills. A variety of creative activities and projects will be assigned. Students will be in a strong position to enroll in AP French (Advanced Placement) options in their 11 or 12 year. International trips to France and other French-speaking countries occur every few years through the French department

ESPAGNOL 10 (elective)

This course is designed specifically for French Immersion students as they have an innate ability to learn Spanish because of its similarities to French. The course is highly interactive, with emphasis on improving listening and speaking in Spanish. Explanations are given in French, and many discussions about the language are also in French. As the course progresses, students improve their speaking abilities in Spanish. The nature of the classes is highly immersive – students will be amazed at how quickly they progress. Students who take Espagnol 10 and 11 will be in a fantastic position to enroll in the AP Spanish program.

Grade 11 and 12 Years

(Students must complete at least 3 courses in grade 11 and 12 combined that must include FRAL 11 and FRAL 12)

FRANÇAIS LANGUE 11 (required)

This course encourages the continued development of specialized vocabulary, the use of complex sentence structure, the exploration of a variety of writing styles and the further development of the student's own voice in written and oral expression. A variety of literary texts and media will be used. This is a highly immersive environment designed to help students further develop their proficiency in French. Students will be in a strong position to enroll in AP French (Advanced Placement) options either in their 11 or 12 year. International trips to France and other French-speaking countries occur every few years through the French department.

*** ESPAGNOL 11/12 (elective)**

In this course, students continue their accelerated studies in Spanish. Learners will once again be in a highly interactive, immersive classroom environment. Students will use their understanding of French grammar and structure as a foundational tool to understand how the Spanish language works. As the two languages mirror each other in many ways, new understandings that students get of Spanish will reinforce their knowledge of French. This course has a greater emphasis on reading and writing in Spanish. Upon completion of the course students will have met the criteria for Spanish 12 and will essentially be trilingual. Students who take Espagnol 10 and 11 will be in a fantastic position to enroll in the AP Spanish program.

ART DRAMATIQUE: CINÉMA (in French) 11

This is the second level of Art dramatique: Cinéma. In this course, students will be asked to build upon the skills learned in the previous course while exploring new themes. Students will have the opportunity for self-directed study and will be able to take on a variety of leadership roles throughout the course. There are a wide variety of options open to students taking this course. This is the opportunity to hone your skills as writers or actors...or a great way to explore your creative side while perfecting your oral and written skills in French. This course satisfies the senior elective requirement for the French Immersion program.

* Note senior elective options can be taken in either grade 11 or 12.

FRANÇAIS LANGUE 12 (required)

The final course in the Français Langue program. There is a mandatory provincial examination at the end of this course, with both an oral and written component. This course will draw upon a variety of literary and non-fiction texts from various periods. French language and culture as they relate to literature will be a major theme of study throughout the course. Students are now in an excellent position to sign up for an additional, AP French (Advanced Placement) course. Please contact the department head for more information. International trips to France and other French-speaking countries occur every few years through the French department.

JUSTICE SOCIALE 12 (elective)

This course is designed to meet the requirements for a French immersion senior elective and is also considered a grade 12 academic course for post-secondary entrance. The Justice Sociale course works through a variety of units and offers the opportunity for both group study and individual exploration of course themes. Some topics covered include global conflict and resolution, power and distribution of wealth, human migration, environmental concerns, and various topics surrounding human rights issues. Students will select topics of personal interest to explore as well. This is an exciting course offering high interest themes and hands on opportunities that will enable students to engage in work that could make a real difference while improving their oral and written French.

ESQUIMALT HIGH SCHOOL RUGBY ACADEMY

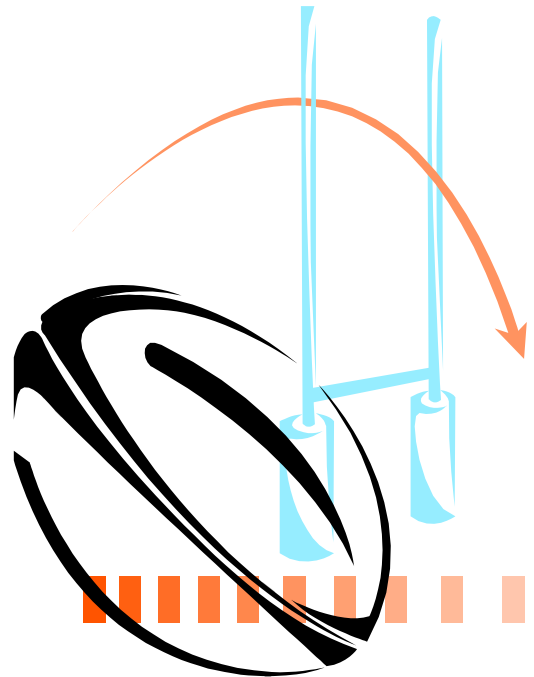
The Esquimalt High School Rugby Academy focuses on academics and creating well-rounded citizens while using the sport of rugby to facilitate and encourage high student achievement. Not at all exclusive to elite level athletes, this academy is open to a diverse group of student athletes: male and female, all academic paths, cultures and financial backgrounds.

This community integrated program will feature coaching and mentoring from Canadian National Team Athletes housed in Victoria and will work closely with Rugby Canada at both athlete and more importantly citizen development. The academy focuses on academic excellence through the pursuit of school, community and athletic involvement

Students who wish to apply to the program must complete the Rugby Academy Application. It is available at the main office or available on the ESQ website www.esquimalt.sd61.bc.ca. If a student is interested in exploring how the Academy can fit into their academic program they can make an appointment with one of the counsellors by calling 250-382-9226.

Features

- 80 minutes per day
- Full credit curriculum
- World class coaching and instruction
- Academic excellence
- School, community and athletic involvement



CAREERS AND TRANSITIONS

Jump-start your career with skills and knowledge that will last a lifetime!!

Esquimalt Career and Transition Programs

prepare students for success after secondary school, whether their next step is post-secondary or the work force. Career & Transition Programs are ideally suited for grade 11 and 12 students with a positive attitude, good attendance, and a desire to learn. All of our career programs help students learn the core skills needed for a chosen career field, and frequently include hands-on work experience with local industry.

Esquimalt High School offers the following Career and Transition Programs: (See following pages for program information). Students must complete an application form available in the main office or online.

- Culinary Arts
- General Mechanics

ACCELERATED CREDIT ENROLMENT IN INDUSTRY TRAINING PROGRAM (ACE-IT)

Culinary Arts and General Mechanics career program students who maintain a minimum 70% average **may** qualify to become ACE-IT students. Students enrolled in an ACE-IT program start their career in a skilled trade while still in high school, and take courses that provide both high school graduation credit and credit for an industry training program or level one of an apprenticeship trade. Best of all, qualified ACE-IT students receive up to one year of post-secondary tuition free! For more information about ACE-IT, contact our Career Centre Coordinator or consult the District Careers and Transitions Website, <http://www.transitions.sd61.bc.ca/>

SECONDARY SCHOOL APPRENTICESHIP PROGRAM (SSA)

Secondary School Apprenticeship (SSA) is the work-based training component of an industry training program, providing the opportunity to begin an apprenticeship while still in high school, and to earn high school credits for doing so. Through family or business contacts, potential SSA students must find an employer with trades-qualified employees who is willing to register you as an apprentice in any of the recognized trades in British Columbia. For more information about SSA, contact our Career Centre Coordinator or consult the District Careers and Transitions Website, <http://www.transitions.sd61.bc.ca/>

WORK EXPERIENCE COURSES

Work Experience courses allow students to earn credit towards graduation for bona-fide work experience.

Work Experience courses may be offered as part of a school's career programs, or as stand-alone courses. Actual work experience may be paid or unpaid. For more information about Work Experience courses, contact Mr. Henderson or visit the school website and go to the Career Pathways page.

Dual Credit

Dual credit courses with UVic and Camosun are offered every year. As course offerings may fluctuate, interested students should discuss course options with counsellors during course section time. Offerings typically include first year academic courses, popular pre-requisite courses for programs and trade options. Email Mr. Henderson for more information (khenderson@sd61.bc.ca).

Students taking Psychology 12 have the opportunity to enroll in Camosun College's Psychology 130.

What is Dual Credit? Dual Credit is a process where a secondary student is taking a college course and receiving credit for the course at the College while at the same time receiving a high school course credit. Students are registered at both the college and the high school.

In the ESQ Timetable Dual Credit in the Timetable are college courses that are offered in scheduled high school classes in a collaborative model between secondary teachers and college instructors. In this case, the high school credit is Psychology 12, and the college credit is PSYCH 130.

Why take dual credit? You can save time and money by taking dual credit programs and courses offered through the South Island Partnership (SIP). You'll be a college student while you're still working on completing high school.

Costs The cost of your Camosun tuition will be covered by the school district. You will be responsible for the application fee (\$40.20) and for the course textbook. No student will be denied access to the Camosun course due to financial hardship. There is funding available for both the application fee and textbook purchases on a case-by-case basis.

Psychology 12/PSYCH 130

This course includes a psychology component that acquaints students with major contemporary issues in psychology and considers their historical antecedents. Topics include: the application of psychological knowledge on lifespan development, personality, abnormal behaviour, social cognition, social influence, and social relations. The Psychology 12 component of this course includes approaches to psychology, biological psychology, motivation and emotion.

WRITING 12/ CREATIVE WRITING 154

*This is a dual credit course. College tuition is paid for, however students are responsible for paying for College Application fee of \$39.41 and for cost of course textbook.

This course offers students an opportunity to explore and develop their skills and possible goals in writing major nonfiction forms, such as features, memoir, travel, personal essay, history, and social analysis. Students will also write original works in three forms: poetry, prose and drama. Students will read and discuss works of poetry, prose and drama in order to inspire and guide them. This course is workshop based. Critical feedback will be received and given by both the teacher and students. This course is open to students in Grades 11 and 12, however students not taking English 12 or FP English 12 will need to write an assessment test to be eligible to receive college credit.

CULINARY ARTS

Culinary Arts offers a variety of course and program options that allow students to explore the creative and technical side of culinary arts while they prepare for entry-level career opportunities or further post-secondary education. If you enjoy working in a fast-paced, professional environment *and* love to cook, ESQ Culinary Arts is for you!

**Option #1
Culinary Exploration (1 Course)**

Developed for students in grades 10, 11 or 12, this course introduces students to the culinary arts profession under the guidance of a Red Seal Chef Instructor. Emphasis is given to the development of basic competencies related to the culinary profession, and combines basic culinary theory with hands-on cooking.

**Option #2
Culinary Head Start Course Cluster (3 Courses)**

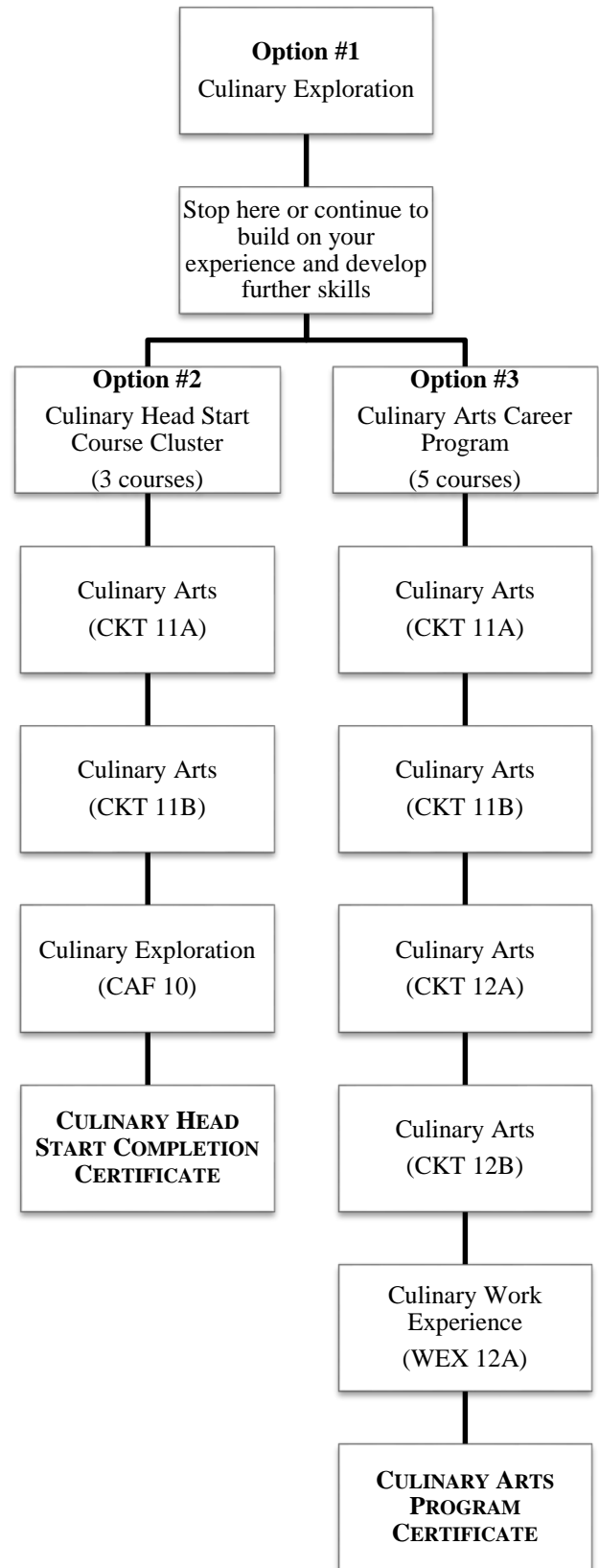
If you would love to cook in a professional environment but don't have enough space in your graduation program for the 5-course Culinary Arts Career Program, this cluster of courses is right for you! Culinary Head Start combines hands-on cooking with fundamental service skills valued by foodservice employers.

- Required Courses:**
1. Culinary Exploration
 2. Culinary Arts 11A
 3. Culinary Arts 11B

**Option #3
Culinary Arts Career Program (5 Courses)**

Are you serious about cooking as a professional? Do you aspire to become a famous chef? Would you like to further your culinary knowledge and skills at college? If the answer is "yes", you need to enroll in our Culinary Arts Career Program!

- Required Courses:**
1. Culinary Arts 11A
 2. Culinary Arts 11B
 3. Culinary Arts 12A
 4. Culinary Arts 12B
 5. Culinary Work Experience



CULINARY EXPLORATION

Cafeteria Training 11/12

Developed for students in grades 10, 11 or 12, this course introduces students to the culinary arts profession under the guidance of a Red Seal Chef Instructor. Emphasis is given to the development of basic competencies related to the culinary profession, including basic recipes and menus, kitchen safety, cooking terms, the correct use of culinary tools/equipment, and fundamental cooking methods.

CULINARY ARTS 11A

(Professional Cook)

This course will introduce students to a variety of cooking methods within a dynamic team environment. Students will complete FoodSafe Level I. Emphasis will be on kitchen safety, cooking terminology, proper measuring, basic nutrition, basic cooking skills and proper use of kitchen equipment. Evaluation is based on food production and presentation, customer service, safety and sanitation, personal management, communication and teamwork. The course is taken concurrently with Culinary Arts 11B.

CULINARY ARTS 11B

(Professional Cook)

This course will expand on the techniques and skills mastered in Culinary Arts 11A. Topics include advanced knife skills, timing, station organization, and the preparation of stocks, soups, sauces, salads, vegetables, starches, entrees and baked goods in a timely and professional manner. Evaluation is based on food production and presentation, safety and sanitation, personal management, communication and teamwork. The course is taken concurrently with Culinary Arts 11A.

CULINARY ARTS 12A

(Professional Cook)

This advanced course will further build on techniques and skills mastered in Culinary Arts 11 A & B. This course prepares the serious culinary student for gainful employment and/or entry into post-secondary education. In this course, time management will be driven by food production requirements. As a member of the kitchen brigade, you will learn to simultaneously prepare different food products in a

bustling commercial kitchen. Evaluation is based on food production and presentation, safety and sanitation, personal management, communication and teamwork. Prerequisite courses are Culinary Arts 11A/11B. This course is taken concurrently with Culinary Arts 12B.

CULINARY ARTS 12B

(Professional Cook)

A continuation of Culinary Arts 12A, this advanced course offers advanced culinary principles and techniques within a dynamic team environment. Plate presentation techniques, facilities management and leadership comprise a short list of topics covered. Evaluation is based on food production and presentation, safety and sanitation, personal management, communication and teamwork. Prerequisite courses are Culinary Arts 11A/11B. This course is taken concurrently with Culinary Arts 12A.

CULINARY WORK EXPERIENCE 12

A supervised Work Experience of a minimum 100 hours, this course is designed to expand your career knowledge while increasing your speed, timing, organization and ability to handle cooking in a commercial foodservice establishment. You will receive feedback from your supervisor and keep a journal recording and reflecting on your work experiences.

*** Students interested in Culinary Arts, option #2 or #3 must complete an application form available on the school website or from the office.**

Accelerated Credit Enrollment in Industry Training (ACE-IT) is available to students.

AUTO MECHANICS

GENERAL MECHANICS CAREER PROGRAM

This course is designed for grade 11 and 12 students who would like the opportunity to combine a career study of automotive mechanical repair with regular secondary graduation. The program provides students with an opportunity to acquire marketable skills that would be a definite asset to future employers in a variety of occupations related to the automotive industry, including: Automotive Service technician, Auto Mechanic, Automotive Painter, Parts person, Heavy Duty Mechanic, and Heavy Equipment Operator. In addition to the automotive shop training and practical experience, you will participate in three weeks of work experience at a related industrial job site.

The General Mechanics Career Program consists of:

1. Automotive Technology 11
2. Engine and Drive Train 12
3. Automotive Technology 12
4. Electricity and Electronics 12
5. Automotive Work Experience

AUTOMOTIVE TECHNOLOGY 11

This is an introductory course in automotive mechanics. The student interested in gaining skills in order to maintain their own vehicle or the student who is considering a possible career in the automotive industry will benefit from this course. The course will consist of routine maintenance procedures as well as hands-on experience in the safe use of tools and equipment in the repair of major parts of an automobile.

AT11 is a pre-requisite for taking AT 12, ATD 12- Engine / Drive Train specialty, and ATE 12 – Electrical / Electronics.

AUTOMOTIVE ENGINE & DRIVE TRAIN

ATD 12 is designed to give student specialized experience in automotive engines, transmission and rebuilding differential and other drive train components.

AUTOMOTIVE TECHNOLOGY 12

Automotive Technology 12 provides student with a more in-depth experience in automobile repair and maintenance. Student will use the latest technology as part of the course and will be expected to engage in a number of major projects.

AUTOMOTIVE ELECTRICAL / ELECTRONICS

ATE 12 is designed to give students specialized experience in automotive electrical and electronics systems.

AUTOMOTIVE WORK EXPERIENCE 12

A supervised Work Experience of a minimum 100 hours, this course is designed to expand your career knowledge in a commercial automotive establishment. You will receive feedback from your supervisor and keep journal recording and reflecting on your work experiences.

Accelerated Credit Enrollment in Industry Training (ACE-IT) is available to students.

For more information about the program, the courses or the types of work experience available, please see the General Mechanics instructor. Application forms are available in the main office or on the school website



CHALLENGE PROGRAM

THE CHALLENGE PROGRAM

- *Challenging Curriculum*
- *Creative Problem Solving*
- *Task Commitment*
- *Community Involvement*

The Challenge Program is a District-wide gifted education program for students in grades 9 through 12. The program seeks to promote critical thinking and creative problem solving through enriched classroom curriculum, community involvement and extra-curricular opportunities. An attitude of cooperation rather than competition is the goal of learning in the Challenge Program. In such an atmosphere, students have the maximum opportunity to grow both socially and intellectually. It is recommended that students maintain an A / B grade average in the Challenge Program.



Challenge Program students are required to take the following courses:

Grade 9 year

English 9C, Math 9C, Science 9C, Integrated Studies (Philosophy) 9C

Grade 10 year

English 10C, Math 10C, Science 10C

Grade 11 year

English 11C, Social Studies 11C, Integrated Studies 11C

Grade 12 year

English 12C

Admission: Students wishing to study in the Challenge Program must follow the application process outlined on the Esquimalt High School website and sit a written test.

Enquiries should be addressed to Mrs. Wignall at jwignall@sd61.bc.ca.

ENGLISH 9 CHALLENGE

English 9C is an ability-grouped English class for gifted learners. The English 9 Learning Outcomes are addressed in this course but are enriched and extended to meet the needs of gifted learners. Students learn how to write a formal scholarly essay in this class and the course focuses on themes of dystopia and on current world issues. Research and presentation skills are also addressed in this course. Collaborative work is common and the three pillars of learning: writing, reading and speaking, are expected of all students. Texts for study include but are not limited to: Nineteen Eighty-Four, George Orwell; Brave New World, Aldus Huxley; Night, Elie Wiesel; Klee Wyck, Emily Carr; “The Winter Market”, William Gibson; Romeo and Juliet, Shakespeare.

INTEGRATED STUDIES 9

(PHILOSOPHY 9)

Philosophy can be defined as the ‘love of wisdom’ and also constructed as the search for or study of wisdom. This begs the question, “what is wisdom?” Since many philosophers agree that wisdom is knowledge of that which is of greatest importance to human beings, philosophy is the study of that which is of the greatest importance to us.

Philosophy investigates fundamental questions about the nature of things – questions about the universe as a whole, about human beings, society, science, ethics and art. Philosophy explores many deep issues of principle that do not easily fit into more specialized disciplines. It will challenge you with its reflective and critical approach to important but often puzzling questions such as the nature of right and wrong, time and space, perception and the human mind.

The Philosophy 9 class is designed to give students a broad exposure to the Western and Eastern philosophical traditions that span the past 2,500 years. The course begins in ancient Greece, moves to India, China, Japan and then to Europe and the Americas. Students are given the opportunity to study some of the most important texts in human civilization, such as Plato’s Apology, as well as the freedom to pursue self-selected interests through research.

ENGLISH 10 CHALLENGE

English 10C is an ability-grouped English class for gifted learners. The English 10 Learning Outcomes are addressed in this course but are enriched and extended to meet the needs of gifted learners. The course will prepare students to write the critical essay through analysis of their own critical thinking and

synthesis of the thinking of recognized critics. They will explore theme, symbolism and figurative language; they will investigate ways of making their written work clearer and more emphatic. Students will begin to focus on global literature on a variety of themes. Debating skills will be introduced. Students are required to write the English 10 provincial exam worth 20% of the final mark.

ENGLISH 11 CHALLENGE

In addition to covering the Learning Outcomes for English 11 as laid out by the Ministry of Education, this course continues to build skills in literary analysis through in-depth class and small group discussions, presentations and writings. The fluidity of central themes such as identity, imagination, humour, and cultural politics enhance this course. Creative expression and individualistic learning styles inform the classroom atmosphere and daily lessons; students are encouraged to develop individualized assignments and personal learning goals. Through the introduction to both Canadian literature as well as World

Literature, all students gain insight into the diverse factors that have shaped the complex world in which live. The final mark is based on 80% for course work and 20% for the final exam.

ENGLISH 12 CHALLENGE

English 12 Challenge seeks to: provide students with challenging material; prepare student for the English 12 Provincial Exam; and ready the student for the reading and writing demands of university. This course covers the Learning Outcomes as prescribed by the Ministry of Education English 12 IRP. In addition, students engage in: a comprehensive study of the academic essay; an advanced study in the close reading of poetry; and the study of Literary Criticism. English 12 Challenge is underpinned by the aesthetic concerns of Literary Modernism. The texts for this course are largely drawn from this era, as are the texts on the Provincial Exam in English 12. Students who take English 12 Challenge in conjunction with Literature 12 are eligible to write the Advanced Placement Exam in English and receive credit for the Advanced Placement English course.

INTEGRATED STUDIES 11

This course is intended to help prepare the student for their first year beyond high school. Our school motto, *Esse Quam Videri* "To be, rather than to seem", represents one of the dominant themes in this course, which is to gain a better understanding of self, and to act on this awareness. Students will complete a series of projects that will focus on the individual and/or group, where one or more strands of student competency (see below) will be developed.

The course will have two distinct phases:

- 1) The first phase of this course will involve the acquisition of knowledge and skills ("tools"), and some strategies for organizing and preparing these skills ("tool belt") for action.
- 2) The second part of the course will be more divergent— requiring students to work more independently in a relatively self-directed environment. The culmination of the second phase of the course will be a Major Project, which will account for 50% of the student's final mark.

Throughout the course, the development of student competencies along different "Strands" will be emphasized. The degree to which the student embraces the learning of these competencies and subsequent completion of minor projects will go a long way toward determining the value of the course to the student, and the quality of their final, major project. The various strands that will comprise the core of the IS 11 course are listed below, followed by examples of assignments associated with each strand.

- **Academic Strand:** Philosophy survey, Theory of Knowledge, Scholarship Resume
- **Technical Strand:** Information Literacy, Pathfinder, Personal blog, Wikispace,
- **Social Strand:** Mentorship, Peer Evaluations, Guest Speakers, Outdoor Activity
- **Personal Strand:** Pathways, Mini Challenges, Presentations, Reflection Journal, Walkabout
- **Group/Service Strand:** School Based Project,
 - Interscholar project development

CHALLENGE SCIENCE CLASSES

(SCIENCE 9C & SCIENCE 10C)

The grade 9 & 10 science curricula are enhanced with project based learning and open-ended assignments. Teaching methods address the diverse styles and modalities of the gifted learner. Frequent demonstrations challenge understanding and the interpretation of course concepts. Labs are enriched with extra course content. Students will be encouraged to enter the Vancouver Island Regional Science Fair.

CHALLENGE MATH CLASSES

(MATH 9C & FOUNDATIONS OF MATH AND PRE-CALCULUS 10C)

The Math 9 and 10 Challenge courses address the Provincial Learning outcomes using dynamic and engaging approaches for gifted learners. Emphasis is based on problem based learning where the outcome of new concepts is used to explore the methodology used in creating the solution

Math 9C explores Trigonometry, graphing and statistics, rational expressions, and processes in algebra and polynomials. Preview units on factoring and probability enrich this course

Foundations of Math and Pre-Calculus 10C content will be enriched with the C's of "4C". (Commitment, Challenge, Creativity and Community). This course will tap into your mathematical creativity through lectures and problem solving, and math related field trips.

SOCIAL STUDIES 11C

Basic content is the same as Social Studies 11, yet a number of facets of the course are expanded and taught in greater depth than regularly. For example, more detail of global history is emphasized, as are opportunities for debate and discussions. This does not mean more work, but rather different work. The units include

- Government and Law; Canadian politics and ideology
- Canada and the World; Autonomy and international relations
- Canada domestic; Main issues and events inside Canada
- Human geography; Population, living standards and environment

ADVANCED PLACEMENT

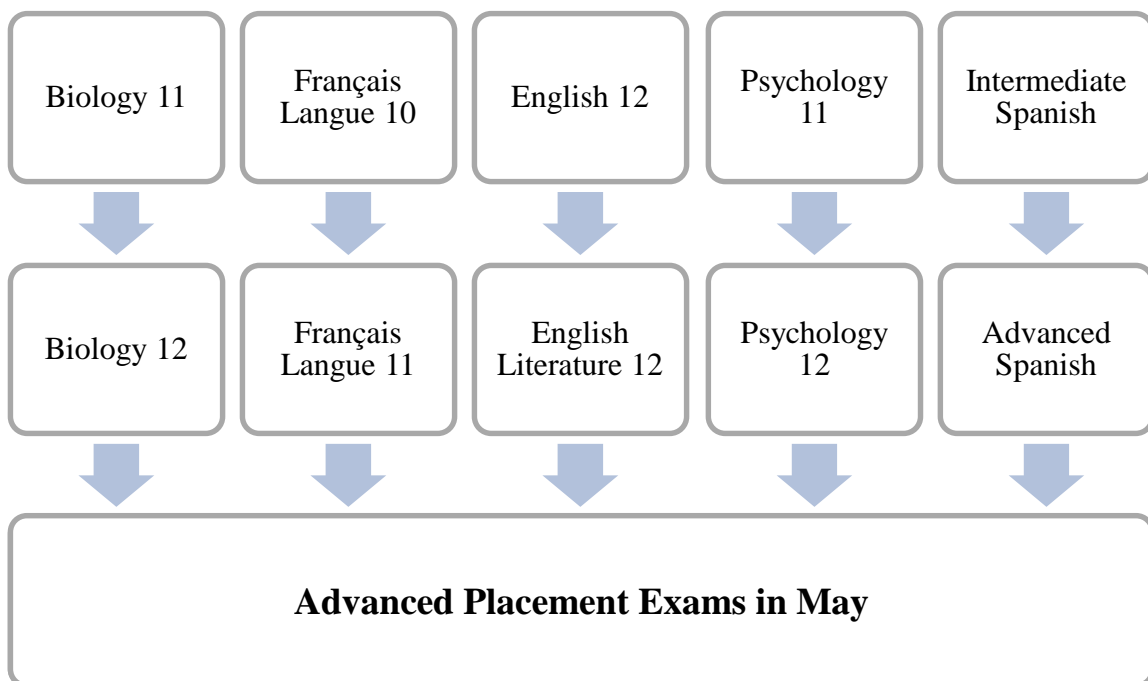
Advanced Placement or AP courses are administered through the rules and regulations of an organization called *The CollegeBoard*. The CollegeBoard describes AP as “a rigorous academic program built on the commitment, passion, and hard work of students and educators from both secondary schools and higher education. **“Since 1955, the AP Program has enabled millions of students to take college-level courses and exams, and to earn college credit or placement while still in high school.”**”

We are happy to offer students an opportunity to take a number Advanced Placement Courses here including:

- English Literature & Composition
- Biology
- Psychology
- Spanish Language and Culture
- French Language and Culture

The above mentioned courses allow students the chance to take courses with their peers while being prepared to write the Advanced Placement Exams held in May of each year.

Possible pathways for accessing AP opportunities:



All students taking these courses will receive 4 credits at the grade 12 level for the AP portion of the course. Depending on the exam results, students MAY receive first year post-secondary credit for their efforts. (Students are encouraged to research post-secondary schools they are interested in to see which AP courses are accepted).

For specific course descriptions of AP classes, please refer to

- **Advanced Placement English Literature and Composition**
- **Advanced Placement French Language and Culture**
- **Advanced Placement Spanish**
- **Advanced Placement Biology**
- **Advanced Placement Psychology**

ABORIGINAL EDUCATION

Courses Offered

- First Nations Leadership 9, 11
- First Nations Art 9, 11
- English First Peoples 10, 11,12
- First Nations Studies 12

Esquimalt High School is proud to offer the following First Nations courses to all students, with priority given to First Nations students.

FIRST NATIONS LEADERSHIP 9 / 11

Rooted in Indigenous philosophy and teachings, Aboriginal Leadership is an experiential learning course where students make positive connections and contributions to the Esquimalt High School community, as well as the greater Aboriginal community. This is accomplished through cultural field trips, guest speakers/elders, connection to the land (hikes and outdoor experiences), cultural workshops, and student circles/meetings. Leadership students are at the forefront for organizing and participating in cultural events at school. Creating a personal vision for their educational future that includes seeing themselves in Post-Secondary settings, and highlights practical tools on how to create a path that leads them there, is woven throughout the program.

Through the sharing of traditional knowledge, Aboriginal philosophy and experiences, issues such as self-esteem, confidence and leadership roles, are examined in a culturally appropriate and safe environment.

FIRST NATIONS ART 9, 11

Visual art is an important tradition in First Nations culture. This course will introduce students to the Northwest Coast traditional art forms of the Coast Salish, Nu-cha-nulth Kwakwaka'wakw, Haida, Tsimshian and Tlingit nations. Students will explore both traditional and contemporary materials, tools and techniques. To complement the traditional art form, students will explore projects that will have their foundation in Native art and will challenge them to be creative, using innovative art media and processes

ENGLISH 10 FIRST PEOPLES

English 10 First Peoples is **the academic equivalent of English 10**. Students will develop the English language and literacy skills and capacities they must have in order to meet British Columbia's graduation requirements. EFP is intended for both Aboriginal and non-Aboriginal students. This course represents an invitation to all learners to explore and discover First Peoples worldviews through the study of literary, informational and media text with local, Canadian international First Peoples' content. Key elements of EFP 10 include: understanding Oral traditions, reading for personal enjoyment, building connections with self and community, and personal responsibility within the classroom. The course focuses on texts that present authentic First Peoples voices (i.e. historical or contemporary texts created by or with First Peoples.)

ENGLISH 11 FIRST PEOPLES

English 11 First Peoples is the **academic equivalent of English 11.** EFP 11 is intended for both Aboriginal and non-Aboriginal students. This course represents an invitation to all learners to explore and discover First Peoples worldviews through the study of literary, informational and media text with local, Canadian international First Peoples' content. A key feature of this course is the recurrence of central themes such as: identity and the significance of colonization, connection with the land and environment, and the nature of knowledge – who holds it, what knowledge is valued.

ENGLISH 12 FIRST PEOPLES

English 12 First Peoples is the **academic equivalent of English 12.** This course is intended for both Aboriginal and non-Aboriginal students. The focus of this course is on the experiences, values, beliefs and lived realities of First Peoples as evidenced in various forms of text including: story, speech, drama, dance, song, film, prose, and oral stories. The recurrence of central themes such as identity, the significance of colonization, humour, healing, and culture inform this course. Creative expression, including a people's language and literature, informs identity in incalculable ways. Accordingly, questions such as Who am I? What are my roots? Are of particular relevance for in-class discussions and reflective writing. Through the study of First Peoples literature, all students can gain insight into the diverse factors that have shaped and continue to shape their own identities.

BC FIRST NATIONS STUDIES 12

BC First Nations Studies 12 focuses on the diversity, depth and integrity of the cultures of British Columbia's Aboriginal peoples. In emphasizing the languages, cultures and history of First Nations peoples, the course addresses an important part of the history of British Columbia. Designed to introduce authentic Aboriginal content into the senior secondary curriculum with the support of Aboriginal peoples, the course provides an opportunity for BC students to acquire knowledge and understanding of the traditions, history and present realities of BC Aboriginal peoples, as well as a chance to consider future challenges and opportunities.

STUDENT LEADERSHIP

COMMUNITY LEADERSHIP 9/10/11/12

The Leadership class at EHS is dedicated to the service and support of our school, local and international communities. Students who are motivated, dependable and supportive develop interpersonal and leadership skills through organization of and involvement in a wide variety of recreational activities.

This is the ideal course for building a strong graduation transition plan, a competitive résumé and demonstrating community involvement and volunteer work when applying for scholarships.

Classes take place outside the regular timetable and hours of community service are part of the course credit.

A few examples of past projects include:

School Events

Movie nights, dances, fundraisers, food drives, Santa's Breakfast.

Community Events

Benefit concerts, Trackside Gallery clean up, Victoria Highland Games, Esquimalt Firefighters Burn Fund, and Conferences

Personal Development

S.A.L.T.S. Sailing trip, Juan de Fuca Trail camping trip, surf safari, Mt. Washington Ski/Snowboard retreat.

GRAD PLANNING **(Social Dynamics 11)**

This 4 credit course is for students in grade 12 interested in organizing and facilitating all grad-related events in the school and community. The course is an excellent opportunity for students to develop skills such as marketing, promotion, leadership, organization, community interaction/liaison work, project proposal and management, and communication.

Traditional activities include the Grad Winter Ball, Grad Dinner Dance, Grad Fashion Show, Grad wear marketing, Grad slide show, Grad Ski Trip and the Grad Recognition Ceremony. With the development of this as a credited course, we are

open to initiating some new grad activities.

The course will run in a linear format (all year long). Class would meet a minimum of one day per week- hours would accumulate in addition to students' participation in activities. All students will be required to project manage at least one initiative in the course and will be expected to contribute to all other projects.

PEER TUTORING 10/11/12

Students with an interest in helping others academically or in developing teaching skills for their future career plans may apply to become an EHS Peer Tutor. Interested students receive specific tutoring training focusing on learning styles, motivation techniques, study skills, and mentorship/role model practice. Tutors also attend a Peer Tutoring Retreat in October with a focus on teamwork and problem solving. Tutors then work with students requiring help in one-on-one or small group settings. The Tutoring team meets twice a month throughout the year to discuss the challenges and successes.

Tutors are placed according to their knowledge and enjoyment of a specific subject and their freedom within their specific timetable. Many students who have a spare in their timetable opt to tutor during this time. Many students with a full course load opt to tutor outside the timetable before school, at lunch or after school.

Another option for students is to facilitate one of the many drop-in tutoring centres at EHS known as **Help Desks**. During lunch at various locations throughout the school, tutors offer help in **all course areas** in a drop-in format. Students needing help can get one-on-one support during lunch. These tutors are also willing to meet outside of this time to aid student success as the need arises. All grade levels utilize this service from senior level Calculus to grade 9 Spanish.

STUDENT SERVICES

STUDENT SERVICES

Resource 9-12

All Esquimalt students are eligible for academic support in a Resource/Learning Strategies Room. Preferential placement will be given to students with ministry learning designations. Students are referred to a Resource/Learning Strategies Room by counsellors, classroom teachers, administration, parental request or recommendations from Grade 8 teachers.

Resource/Learning Strategies Room teachers provide students with additional instruction in core subjects and help guide students as they complete their learning in each subject.

Students in Resource/Learning Strategies Rooms have access to assistive technology programs such as Kurzweil and Dragons' Speak (text-to-speech and speech-to-text) and Google Apps for Education (ie, Read and Write). These programs can help students improve their literacy skills and assist in improving the level of output of assigned class work.



Foundations Program

Students in these resource classes receive instruction in basic English and Math at their individual grade levels as well as social skill development that will transfer to their home and work environments.

Other elective areas will be added as and when needed.

Learning Strategies 10-12

Learning Strategies (LS) are techniques, principles and routines that enable students to learn to problem solve and complete tasks independently. In our LS course, students are responsible for learning about and applying research-based and successful techniques and strategies from the acquisition, storage and expression and demonstration learning Strands (Lenz 2007) This work is completed in a teacher facilitated, but self-paced fashion. Students are giving time every day to apply these learning strategies to their current coursework. Daily and weekly goal setting, organization of time and the development of strong self-regulated learning behaviors are ongoing components of the course. Student effort, attendance, preparedness, behaviour, and Learning Strategies assignments will be considered when assigning an effort and percentage mark.

Grade 9 Adapted Math

Students are recommended for placement in this class based on:

- The results of standardized and
- placement tests written in Grade 8
- Recommendation of Grade 8 teachers
- Recommendation of counsellors or special education teachers
- Request of parents

Students in this class are working below the expected grade level for Math. The goal of this course is to have students eventually achieve grade level success.

Please note:

availability is based on enrollment numbers.

SELF-PACED COURSES

Esquimalt offers learning support opportunities for students in the following areas:

Grade 9: English, Math, Science, Socials

Grade 10: English, Socials, Science, Apprenticeship and Workplace Math, Foundation and Pre-Calculus Math, Planning, PE

Grade 11: Communications, Earth Science, Socials, Apprenticeship and Workplace Math, Math Foundations and Pre-Calculus

Grade 12: Communications, Writing

Self-Paced courses are not for everyone. Courses require the same amount of work as traditional classes and meet the same course objectives. Some students may actually spend additional time working on courses because of the amount of reading required to complete assignments.

Students are considered for placement in self-paced courses based on the recommendations of school counsellors and teachers. Prior to acceptance into a particular course, students must also receive the endorsement of the teacher coordinating the Self-Paced program and approval of an Administrator. Students attempting these courses need to be motivated academically and able to work independently.

See a counsellor for more information if you are interested in pursuing any of these opportunities.

PARTIAL TIMETABLE

Esquimalt accepts part-time students. To meet the needs of some of our students who attend Esquimalt, provisions are made to reduce the number of courses the student would be taking. In doing so the students understand this usually increases the time needed to reach certain goals, but can often result in the student remaining in school rather than dropping out. Any student who wants to discuss a partial timetable should discuss this with parents/guardians and our school counsellors.

FINE ARTS

Courses Offered:

- Art 9
- Art 10
- First Nations Art 9, 10, 11
- Art Foundations 11
- Studio Arts 11: Drawing and Painting
- Studio Arts 11: Ceramics and Sculpture
- Media Arts 11
- Computer Graphics Design & Illustration I
- Computer Graphics Design & Illustration II
- Dance – Performance 9, 10, 11, 12
- Choreography 11
- Photography 11
- Photography 12
- Art Foundations 12
- Studio Arts 12: Drawing and Painting
- Studio Arts 12: Ceramics and Sculpture

All Music classes are described separately.

ART 9

This course will introduce students to the language of 2-D and 3-D art forms and image development. Students will use their senses to perceive the world and respond to images with an awareness of the sources, techniques, and strategies of image development and design. Students will create images that demonstrate their understanding of a variety of sources, techniques, and strategies of image development design. Students will complete work in drawing, painting, ceramics, sculpture, printmaking and graphic design.



VISUAL ARTS 10

This course continues to explore how students perceive and respond to their world including identifying, a variety of images sources and analyzing and developing image-development strategies used by self, peers, and others. Students will develop and create personally meaningful 2-D and 3-D images in drawing, painting, ceramics, sculpture, printmaking and graphic design. Students will be expected to demonstrate their understanding of the visual elements and principles of design.

FIRST NATIONS ART 9, 11

Visual art is an important tradition in First Nations culture. This course will introduce students to the Coast Salish, Nu-cha-nulth and Kwakwaka'wakw traditional art forms. Students will explore both traditional and contemporary materials, tools and techniques.

To complement the traditional art form, students will explore projects that will have their foundation in Native art, but will challenge them to be creative using different art media and processes.

These courses are open to students in all grades.

ART FOUNDATIONS 11 AND 12

Art Foundations 11 and 12 are comprehensive courses designed to facilitate a broad range of experiences in 2-D and 3-D visual arts. Students will be engaged in creating and responding to a variety of 2-D and 3-D images. Art Foundations courses are designed to provide a balanced program of study in both traditional and contemporary 2-D and 3-D art forms, such as drawing, painting, ceramics, sculpture, printmaking, graphic design, and textiles. Students will be provided opportunities to develop their technical skills in relation to perceiving, responding to, creating, and communicating about a wide variety of images.

STUDIO ARTS 11 AND 12

Studio Arts 11 and 12 provide opportunities for students to engage in a focused and in-depth study in a particular visual expression area. Students study image development, context, and elements and principles of design in one of the following Studio Arts specialties are offered:

Studio Arts Drawing and Painting Students will develop knowledge and skills using materials, tools and image development related to drawing and painting.

Studio Arts Ceramics and Sculpture Students will develop knowledge and skills using materials, tools and image development related to ceramics and sculpture.

PHOTOGRAPHY 11

This course is designed for students who are seriously interested in learning about the Art of Photography. The way we capture and create images is continually being transformed by technology. This course will help photographers acquire the skills and creative fluency needed to achieve a personal vision in their work. Students will be introduced to traditional black and white photography and then progress to an exploration of the basic skills of digital photographic capture and editing. The students will explore photography through history, the art of photography through an understanding of design and aesthetics and explore the expressive and thematic elements of this medium. It is recommended that students have their own digital camera.

PHOTOGRAPHY 12

This is a course for students who have already completed Photography 11. This course will allow students a more individual exploration of artistic expression through photography. The student will have both directed and self-directed projects that will continue to refine their camera skills. They will create images that communicate a growing understanding of themselves and their relationships with their community and world. The students will be required to generate ideas and create proposals for the direction of their work and create photographic work. They will be required to create a portfolio of work appropriate to their educational and personal

goals. This portfolio will be reviewed for camera mastery, lighting control, composition and aesthetics. It is recommended that students have their own digital camera.



DANCE – PERFORMANCE 9-12

Beginner-Intermediate-Advanced; everyone, at any level, is welcome. Students will learn basic stretches, steps and techniques from a variety of contemporary dance styles (ballet, lyrical, modern, Latin and Afro-Caribbean). Students will participate in a variety of 'dancer's workouts' designed to strengthen and tone the core and the major muscle groups as well as build flexibility and endurance. Students will also participate in occasional written activities and group projects. More advanced students will be invited to mentor and choreograph performance pieces. Students may have the opportunity to see live performances during field trips. Whether you're new to dance, are a trained dancer and want to work on choreography, or you just want an excuse to stay fit and have fun, this class is for you. Let your creativity guide you as we explore the possibilities of dance.

CHOREOGRAPHY 11

Choreography students will be integrated with Performance Dance students, and can have the opportunity to lead classroom work and set various small and/or large group choreography to receive credits.

Note: There are other possibilities to receive credits; please discuss with the instructor.

GRAPHICS AND DESIGN

COMPUTER GRAPHICS, DESIGN AND ILLUSTRATION 11/12

This is the first level course for students to explore both traditional graphic design and computer graphics.

While introducing the fields of graphic design and illustration, the course will offer students the opportunity to develop skills in a variety of interrelated computer graphics, imaging, animation and web site design software such as Illustrator, Photoshop, Flash and Dreamweaver. Students will do projects that will deepen their understanding of the importance of traditional and computer graphics and animation as communication tools. Students will be encouraged to share their skills with the larger school community through projects such as website graphics, promotional materials, animated public service announcements and much more.

Graphics students are traditionally responsible for design of the yearbook cover, course guide illustrations, posters for musical and drama productions and designing and printing t-shirts for teams and clubs. Students will be given the opportunity for self and peer assessment throughout the course.

MEDIA ARTS 11/12: Multimedia/Technology

Media Art 11 focuses on developing the skills, knowledge and attributes students need to respond to media artworks and to create art using media technology. This course explores the areas of digital video production, graphics and animation. Students will:

- Develop skills required to use media arts technologies as tools for visual expression.
- Examine past and present influences of media arts technology on the arts and society.
- Develop visual literacy in order to make informed, critical decisions in response to their own and others' media artworks.
- Explore career options related to media arts and develop skills useful in pursuing them.

This course evolves into a project-oriented exploration that requires group work, self-direction and initiative.

Graphics

- Graphic Design
- Computer Graphics (**Freehand and Illustrator**)
- Web Graphics and Animation (**Flash**)
- Web page design (**Dreamweaver**)
- Digital Imaging (**Photoshop**)
- 3D Modeling (**SketchUp**)
- T-Shirt Design and Screen Printing

Digital Video Production

- Camera Technique
- Preproduction
- Non-Linear Digital Editing (**iMovie**)
- Lighting / Sound for Video
- Film Analysis /Screenwriting

Projects: Music Video, Drama to Music, Stop Motion Animation, Narrative, Documentary, Experimental Student video projects may be entered in the BC Student Film Festival

BUSINESS AND INFORMATION TECHNOLOGY

Courses Offered

- Business Computer Applications 9,10,11
- Business Education 9/10
- Information Technology 9/10
- Information & Communications Technology 11
- Marketing 11
- Information & Communications Technology 12

Students who intend to take any of the senior Business Education courses should take Business Computer Applications 9/11.

Most career paths involve computer work and fast, accurate keyboarding skills are critical to success in many jobs.

BUSINESS COMPUTER APPLICATIONS 9, 10, 11

This course is an excellent introduction course to business computer applications. Students will have the opportunity to improve keyboarding skills and typically complete the course with a speed of 40 words per minute or more. All assignments can be completed during class time. No matter what career you decide to pursue, being able to type quickly and accurately is a must! Students will be introduced to the Microsoft Office 2013 software suite utilizing MS Word, MS Publisher, MS Powerpoint, MS Excel and MS Access. Through this course students will have the opportunity to practice various types of communication skills by performing common business tasks based on the lessons given in class. Students will have the opportunity to use other technology sites such as Padlet, Prezi, and the Google education apps (Docs, Sheets, Slides, Draw). Post-secondary students especially are required to produce attractive, accurate papers and professional presentations. This is a great time to master keyboarding skills, business communication skills and Office 2013 programs.

Added bonus: this course satisfies the Fine Arts / Applied Skill graduation requirement.

BUSINESS EDUCATION 9/10

Students in this course will investigate the impact of business, the way business is conducted and the effect of entrepreneurship and globalization on business. Many of the headlines in local and national papers deal with business issues. Learn about advertising and how it affects you, the consumer. You will have the chance to learn how to handle your own finances, including credit cards. Each class completes a project near the end of the semester appropriate to current news topics. Students participate in the Junior Achievement programs including the Stock Market simulation game. In the past, this course has been combined with Marketing 11 and all grade levels have the opportunity to work together to sell EHS logo items. If you think owning a business might be for you, take this course to learn necessary basic skills.



INFORMATION TECHNOLOGY 9/10

This course, open to students in grades 9 and 10, will serve as a solid introduction to computer science and technology and the skills that will help you to thrive in the digital world.

Students will use a variety of online and school-based software programs to solve problems and to research, organize and present information through projects including:

- Game design and programming using **Scratch**
- Interactive multimedia presentations using **PowerPoint**
- Web page design and programming using **Dreamweaver**
- Digital Animation using **Flash**
- Digital music and sound editing and podcast creation using **GarageBand**
- Digital imaging using **Photoshop**
- 3D modeling using **SketchUp**

Students will be encouraged to apply the skills they develop in Info Tech to create well-researched and presented multimedia projects for all of their courses.

INFORMATION & COMMUNICATIONS TECHNOLOGY 11 (ICT 11)

This course is an exploration of Applied Digital Communications, Digital Media Development, Computer Information Systems and Computer Programming. Students of all levels are encouraged to take this course as concepts taught are reinforced using a variety of projects and assignments.

Information and Communications Technology 11 will continue to use the computer software described in **Information Technology 10** to take digital technology projects from concept to production.

There will be an emphasis on computer programming, as students will create increasingly sophisticated computer programs and games, interactive web pages and applications, as well as a variety of multi-media presentations and graphic material.

Students will have the opportunity to use free and computer networks for increased access to career and economic opportunities in online resources to create apps for handheld devices.

MARKETING 11

Did you know that two out of every three Canadians are employed in some aspect of marketing? The fastest growing sector of job opportunities involves sales or sales services including:

- Retailing
- Distribution
- Personal selling
- Advertising
- Consumer Motivation

ARE YOU READY? This is a project-based, “hands-on” class. We will work through a variety of initiatives/projects designed to increase awareness and exposure to marketing concepts. Projects may include: marketing and selling ESQ logo items, creating/pitching a magazine/product/company, the ESQ Apprentice, ESQ Dragons’ Den and we’ll also examine TV and magazine advertisements. Current events in the business fields are also a part of this dynamic course. Some themes include: Marketing concepts, marketing practice, marketing research, marketing strategies, and global impact & sustainable practice.

INFORMATION & COMMUNICATIONS TECHNOLOGY 12 (ICT 12)

This course is a continuation of Information and Communications Technology 11.

Students will hone their skills in web design, programming, digital and multimedia design while pursuing increasingly complex and self-directed projects.

Students will also have the opportunity to take part in the **Cisco Networking Academy**, a global education program that teaches students how to design, build, troubleshoot, and secure computer networks for increased access to career and economic opportunities around the world. The Networking Academy provides online courses, interactive tools, and hands-on learning activities to help individuals prepare for ICT and networking careers in virtually every type of industry.

PLANNING AND SCHOLARSHIPS

Career and Personal Planning courses enable students to develop the skills they need to become self-directed individuals who set goals, make thoughtful decisions, and take responsibility for pursuing their goals throughout life.

PLANNING 10

Planning is a semester course that includes units about education and careers, health, and finances.

A critical component introduced during this course is the Graduation Transition Plan.

Students must complete both Planning and the Graduation Transition Plan course prior to graduation.

POST SECONDARY AND SCHOLARSHIP EXPLORATIONS 12

This 4 credit course is specifically designed for Grade 12 students. If you want to be as informed as possible about the opportunities available for scholarship and post-secondary, this course is for you.

Grade 12 students with a heavy course load often have difficulty doing the research necessary to maximize their scholarship potential. This course will allow for personal attention to these details.

Scholarship Explorations is offered outside the timetable.



DRAMATIC ARTS

Courses Offered

- Drama 9
- Drama 10
- Acting & Theatre 11/12
- Theatre Production 9 – 12
- Directed Studies in Theatre 9 - 12

DRAMA 9

This course is open to grade 9 students interested in an introduction to theatre. The only requirement is to be imaginative, creative and involved. The focus of the course is team building, improvisation, role-playing scene work and play building. Course components include Trust/Team Building, Movement, Concentration, Improv, stage basics and play building.

DRAMA 10

This course is a continuation of the Drama 9 program. Students will be given further experience in developing their skills and creative potential in Drama with greater emphasis on script work, emotional literacy and theatre performance.

Theatre Performance:

ACTING AND THEATRE 11/12

****outside the timetable***

Students continue to fine-tune their improvisation, play building and performance skills. There will be a concentrated focus on acting and play production. This is the ideal course for students who want to be in a school play but prefer to be part of a production that does not involve singing and dancing. They will perform scripted scenes, experience the directing process and learn the fundamentals of theatre production. A school play is the final product of the course.

THEATRE PRODUCTION MUSICAL

THEATRE 9 – 12

****outside the timetable***

This class is designed to provide students with experience in the artistic/creative process through participation in all aspects of play production. Esquimalt Musical Theatre offers a plethora of options to choose from including: Cast, Crew, Lighting, Costume Design, and Pit Orchestra. The nature of this course is to provide hands-on learning experiences through participation and project management. Auditions and casting take place **early September**. Crew, Lighting, Costume Design and Pit Orchestra assemble late September. No experience necessary. After-school and some weekend rehearsals are to be expected. Come on out and enjoy the fun of collaborative musical theatre!

FINE ARTS 11: Improvisational Theatre

****outside the timetable***

This course is for those students interested in improv. No previous experience is required and all are welcome. Students may earn 2-4 credits depending on their level of commitment. From the class, junior and senior teams will be selected and participate in the Canadian Improv Game competitions during the fall and early spring. Practices are outside the timetable. This course is particularly suited to creative students who enjoy “thinking outside the box.” Students will develop skills in improv including: making and accepting offers, advancing a scene, effective use of staging and developing characters and stories in an improvised setting. Creative and quick thinking is a life skill that is developed through the practice of improv.

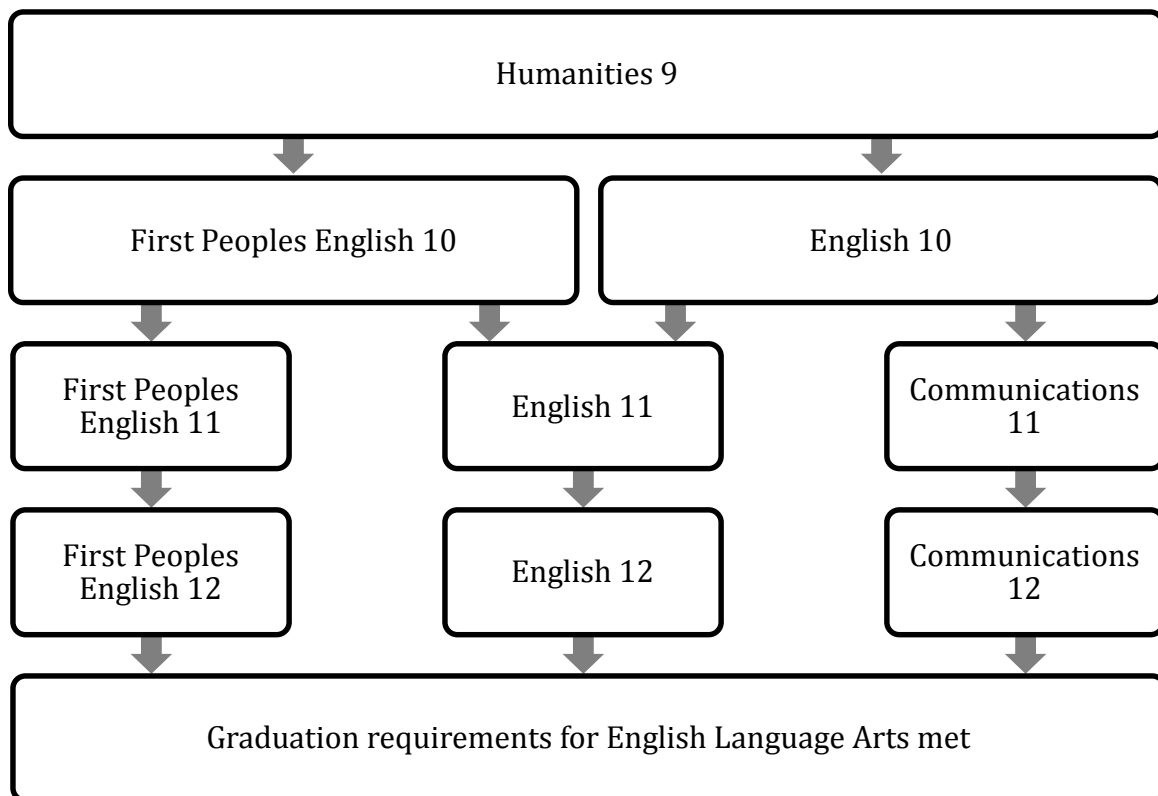
ENGLISH

The English Department scaffolds learning at each grade level with the hope of fostering students that persevere in their studies, explore a variety of information, and form a foundation for lifelong learning.

Classwork and skills may include:

- Project-Based & Self-Directed Learning
- The use of technology to share voice and publicize learning i.e. blogging
- Flipped Classroom Teaching
- Effective oral & written communication
- Collaboration across networks
- Critical thinking & problem solving
- Curiosity, vision & imagination
- Initiative & entrepreneurialism
- Self-regulation
- Empathy & global stewardship
- Grit & perseverance
- Agility & adaptability

* For Challenge English classes please refer to page 13.



HUMANITIES 9

Humanities 9 will offer Language Arts 9 and Social Studies 9 and as an integrated course to better meet the needs of our students, allow for flexibility in program delivery, and to enhance understanding of key concepts and skills studied in grade nine. Humanities teachers will use a guided inquiry approach to address the British Columbia Program of Studies for Socials and Language Arts

ENGLISH 10

This course prepares students for English 11 by meeting the Learning Outcomes prescribed by the Ministry of Education. Course content will focus on analysis of various literary works including novels, short stories, one of Shakespeare's plays, and poetry. Within the context of these genres, writing skills as well as public speaking are refined.

Reading will include a focus on perception, description and evaluation of themes, literary devices and techniques, and an awareness of literary genres. Writing focus includes sentence structure, paragraph effectiveness, personal essays, letter formats, and the basic essay.

ENGLISH 10 FIRST PEOPLES

English 10 First Peoples is the academic equivalent of English 10. Students will develop the English language and literacy skills and capacities they must have in order to meet British Columbia's graduation requirements. EFP is intended for both Aboriginal and non-Aboriginal students. This course represents an invitation to all learners to explore and discover First Peoples worldviews through the study of literary, informational and media text with local, Canadian international First Peoples' content.

Key elements of EFP 10 include: understanding Oral traditions, reading for personal enjoyment, building connections with self and community, and personal responsibility within the classroom. The course focuses on texts that present authentic First Peoples voices (i.e. historical or contemporary texts created by or with First Peoples.)

ENGLISH 11

This course is the entry level academic course for students considering post-secondary studies. It also serves as an introduction to most of the literary devices and techniques students will have to know to be successful on the Provincial Exam in English 12. It will develop critical reading skills and refine writing skills with an eye to the literary essay. Students will have the opportunity to read and appreciate fine literature. This course helps students develop their ability to express themselves effectively in writing and speaking.

ENGLISH 11 FIRST PEOPLES

English 11 First Peoples is the academic equivalent of English 11. EFP 11 is intended for both Aboriginal and non-Aboriginal students. This course represents an invitation to all learners to explore and discover First Peoples worldviews through the study of literary, informational and media text with local, Canadian international First Peoples' content. A key feature of this course is the recurrence of central themes such as: identity and the significance of colonization, connection with the land and environment, and the nature of knowledge – who holds it, what knowledge is valued.

COMMUNICATIONS 11

Communications 11 is intended to help students develop the language competency fundamental to many opportunities in life, including continued learning, employment and social interaction. The curriculum provides students with opportunities to study a broad range of informational and literary works and to practice using language in written, oral, and visual forms for a variety of functions. The curriculum places special emphasis on ensuring that students graduate with strong basic language skills. Term I and II course work will each account for 30% of the final letter grade, and the final exam will make up the remaining 40%. This marking grid helps prepare students for Communication 12 standards.

ENGLISH 12

Students will have the opportunity to develop a critical approach to literature and to continue developing writing and research skills. The course emphasizes critical analyses of a variety of forms of literature and communication, including short stories, poetry, essays, novels and films. Student PBL work will include designing a unit of study including their study material, weekly assignments, research, final assignment, criteria, and publicising their learning.

This is a required course for graduation. 60% of the final mark will be based upon class work; 40% will be based on a ministry final examination.

ENGLISH 12 FIRST PEOPLES

English 12 First Peoples is the **academic equivalent of English 12**. This course is intended for both Aboriginal and non-Aboriginal students. The focus of this course is on the experiences, values, beliefs and lived realities of First Peoples as evidenced in various forms of text including: story, speech, drama, dance, song, film, prose, and oral stories. The recurrence of central themes such as identity, the significance of colonization, humour, healing,

and culture inform this course. Creative expression, including a people's language and literature, informs identity in incalculable ways. Accordingly, questions such as Who am I? and What are my roots? Are of particular relevance for in-class discussions and reflective writing. Through the study of First Peoples literature, all students can gain insight into the diverse factors that have shaped and continue to shape their own identities.

NOTE: This course has a Provincial examination worth 40% of the final course mark.

COMMUNICATIONS 12

Communications 12 is a senior level English course which emphasizes basic skills and understandings in grammar, composition, literature and practical reading. While the course satisfies Grade 12 English requirements for graduation, student planning to pursue academic studies at the post-secondary level must complete English 12.

Students who experienced difficulty in English/Language Arts courses are encouraged to take Communications 12 before attempting English 12. Only one of these courses is necessary for high school graduation. 60% of the final mark will be based upon class work; 40% will be based on a ministry final examination.

To be successful students need to attend regularly and complete all assigned work.

LITERATURE 12

This course is an introductory survey of some of the greatest works of prose, poetry, and drama produced in England from the earliest times to the modern period. The course emphasizes traditional poetry and drama. The social background, as it relates to the literature of a specific period, is also discussed. This course is an elective course. Students choosing this course should have the ability to write coherent essays. Students who take Literature 12 in conjunction with English 12 Challenge are eligible to write the Advanced Placement Exam in English.

ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION EXAMINATION

Students who take both English 12 Challenge and Literature 12 will receive credit for the Advanced Placement English Literature and Composition course and are eligible to take the Advanced Placement English Literature and Composition Exam. There is a cost for this exam. The exam tests students' skills in analyzing selected poems and prose passages and their ability to write critical or analytical essays based on poems, prose passages, novels and plays. These skills will be taught throughout English 12 Challenge and Literature 12. Students who do not take English 12 Challenge but who wish to take Literature 12 and Advanced Placement English may do so with permission of the Advanced Placement English teacher.

*Recommended co-requisite: History 12

YEARBOOK 11/12

****outside the timetable***

In this unique program, students will have the opportunity to master skills of journalism, communications, marketing and publishing. The focus of the course is the production of the school's yearbook and year-end slide shows. Students will learn skills such as writing, editing, page design and photography as well as many computer skills involving PowerPoint, InDesign and Photoshop. Students will gain many rewarding personal skills such as teamwork and the ability to perform under pressure. Since the course runs outside of the timetable (two to three days a week), it is not recommended for students with numerous after-school commitments.

WRITING 12/ CREATIVE WRITING 154

*This is a dual credit course. College tuition is paid for, however students are responsible for paying for College Application fee of \$39.41 and for cost of course textbook.

This course offers students an opportunity to explore and develop their skills and possible goals in writing major nonfiction forms, such as features, memoir, travel, personal essay, history, and social analysis. Students will also write original works in three forms: poetry, prose and

drama. Students will read and discuss works of poetry, prose and drama in order to inspire and guide them. This course is workshop based. Critical feedback will be received and given by both the teacher and students.

This course is open to students in Grades 11 and 12, however students not taking English 12 or FP English 12 will need to write an assessment test to be eligible to receive college credit.

TRANSITIONAL ESL 10

Transitional ESL 10 is designed to help with the transition to Canadian English classes. It is a comfortable environment to develop conversational skills as well as further develop the ability to read and write in the English language.

Writing: Emphasis is on developing writing skills through the study of sentence structure, paragraph organization and vocabulary.

Literature: Through the study of short stories, novels, poetry and plays, an appreciation for literature and language is gained.

Listening and Speaking Skills: Through discussions, oral presentations and formal instruction, students will improve their English pronunciation. Students will be encouraged to work with partners and groups to refine their listening and speaking skills.

Evaluation: A balance of class work, home assignments, quizzes and tests. Promotion to regular English will be decided by the ESL teacher on the basis of mastery.

ESL LITERATURE SKILLS

ESL Literature Skills will improve students' reading, writing, listening and speaking skills through the use of language in all its different forms. Students will analyze literature, develop essay writing skills and receive support in their other grade 11 and 12 classes. Furthermore, this course will prepare students for the English 10

Provincial Exam. Students are encouraged to think critically, write creatively and participate in group work, class discussions and oral presentations.

HOME ECONOMICS

Courses Offered

- Food and Nutrition 9/10
- Food and Nutrition 11/12
- Textiles 9/ 10
- Textiles 11
- Textiles 12

TEXTILES 9/10

This course will introduce you to the basics of sewing using the sewing machine and Serger. Learn to sew and make clothes that fit and are unique.

This hands-on course is an excellent introduction to a valuable life skill.

This course is open to Grade 9 and 10 students.

TEXTILES 11

Love to sew or would like to learn how? This course is for beginners and experienced students who want to develop their skills to create their own garments with individual style. People will be asking, "Where did you buy that?"

TEXTILES 12

Make clothes you've seen in magazines and stores. Recycle old clothes into up-to-date styles. Be creative with some ugly fabric. You can even sew your own grad wear. This course focuses on design creativity and professional sewing results.

FOOD AND NUTRITION 9/10

JUNIOR FOODS

Impress friends and family with your cooking skills. You will prepare breakfasts, lunches and dinners that are healthy, fast and delicious.

Explore the connections between food and the global community including social and environmental impacts. And of course, you will create amazing, delicious desserts and treats.

FOOD AND NUTRITION 11/12

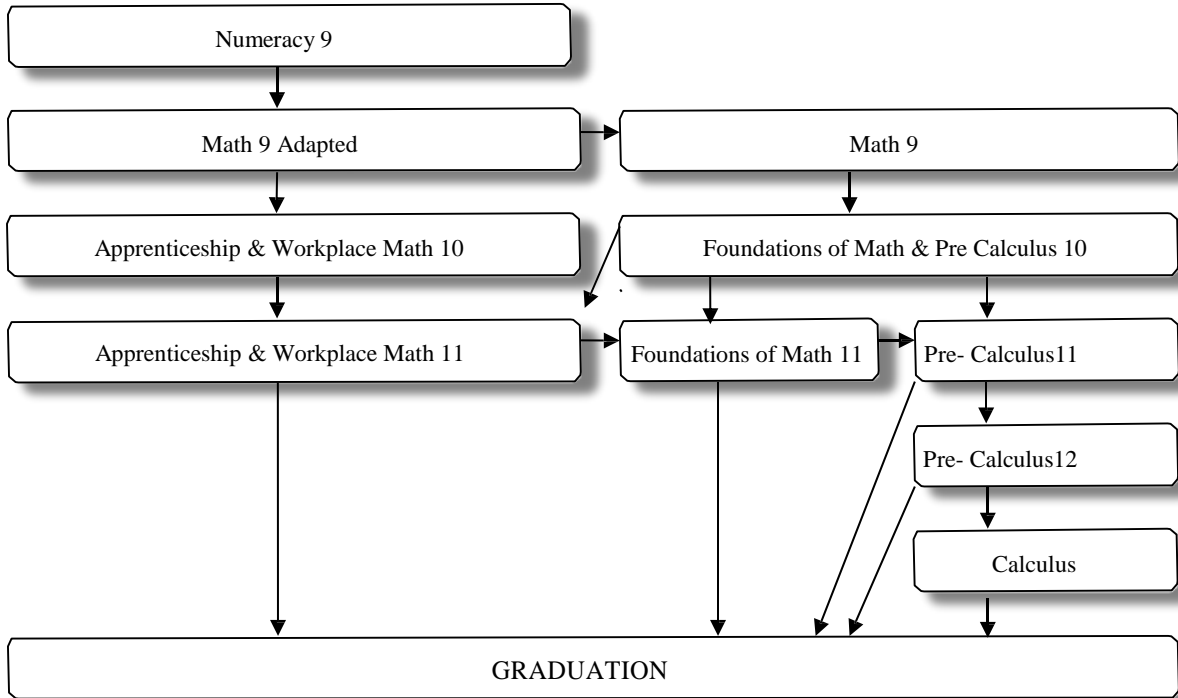
SENIOR FOODS

This course focuses on the skills needed to move out on your own. You will plan meals, follow recipes and serve delicious, nutritious meals.

There will be self-directed projects that will allow your creativity to shine. Global issues related to food will be explored. The second part of this course will take you on a culinary trip around the world. You will explore foods and cultural traditions from Italy, Thailand, Lebanon, Mexico and more.



MATHEMATICS



NUMERACY 9

Students who are recommended by the middle school will be offered a program to strengthen basic arithmetic skills. On completion, students may continue with the Math 9 Adapted course.

MATH 9 ADAPTED

Students recommended by their middle school will be offered an adapted course that reviews and builds on the grade 8 curriculum. On completion, students may continue to Apprenticeship & Workplace Math 10 or to Math 9 on recommendation of the teacher.

MATH 9

It is recommended that student have either successful completion of Mathematics 8 and/or Math 9 Adapted.

The Mathematics 9 course is intended to build on Mathematics 8 skills and introduce further skills needed for completion of high school mathematics.

Topics Include: Algebraic Manipulation and Solving of Algebraic Expressions; Rational Numbers; Mathematics of Budgeting & Finance; Data Analysis and Probability; Inquiry-based Puzzles and Games; Geometry and Similarity; Area and Volume of Two and Three Dimensional Objects; Trigonometry.

APPRENTICESHIP & WORKPLACE MATH 10

Recommendation: Completion of Math 9 Adapted or Math 9 Principles.

This course focuses on mathematics for life skills. Upon successful completion of this course, and the provincial exam, students will continue on to either Foundations & Pre-Calculus 10 or Apprenticeship & Workplace Math 11.

FOUNDATIONS & PRE- CALCULUS 10

Recommendation: C+ or better in Math 9 or Apprenticeship & Workplace Math 10.

The Foundations and Pre-Calculus 10 course is intended for students continuing onto Pre-Calculus 11 or Foundations 11 and is a prerequisite for anyone intending to pursue a degree at University and most college programs. Students enrolled in this course must demonstrate good work habits and are expected to complete homework on a daily basis.

Topics Include: Measurement (Conversions, S.A. & Volume, Trigonometry), Algebra & Number Operations (Factors of Real Numbers, Irrationals, Exponents), Relations & Functions, Coordinate Geometry, and Systems of Linear Equations.

Students enrolled in this course have the option of participating in the annual Mathematics Contest, offered in the spring each year. Top- achieving students may receive entry bursaries for further studies at university.

APPRENTICESHIP & WORKPLACE MATH 11

Recommendation: Successful completion of any Math 10 course.

This course focuses on mathematics for life skills. Successful completion of this course grants the student his or her mathematics graduation credit.

FOUNDATIONS 11

Recommendation: Successful completion of any grade 10 math course.

This course is intended for students with moderate math ability, or those wishing to take a preparatory course for Pre-Calculus 11. Students will review math concepts covered in previous grades with an emphasis on improving algebraic and computational skills. Many of the course topics will focus on real world situations and students will be expected to complete class/homework on a daily basis.

PRE-CALCULUS 11

Recommendation: Foundations and Pre-Calculus 10, with a grade of B or higher.

This course is intended for students continuing on to the Pre-Calculus 12 course. It is best suited for mathematically capable, hard-working students and requires a significant time commitment outside of class each day (30-60 minutes per night). Students must master many problem-solving skills and amass a large repertoire of problems in order to be successful in Pre-Calculus 12.

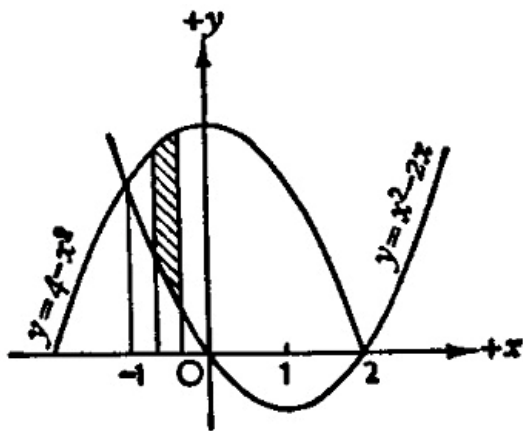
Topics Include: Absolute Value and Radical Expressions; Rational Expressions; Trigonometry; Absolute Value, Rational and Reciprocal Functions & Equations; Quadratic Functions & Equations; Systems of Equations; Sequences & Series

PRE-CALCULUS 12

Recommendation: Pre-Calculus 11, with a grade of B or higher.

Pre-Calculus 12 is required for entry into post-secondary studies in economics, engineering, mathematics and science. It is best suited for mathematically capable, hard-working students and it will require a significant amount of work outside of class each day (30-60 minutes per night). Students must master many problem-solving skills and amass a large repertoire of problems in order to be successful in Calculus. This course continues to build on algebraic skills learned in previous courses and extends them into the following topics: Transformations; Exponential & Logarithmic Functions; Trigonometric Functions; Trigonometric Equations & Identities; Relations & Functions; Combinatorics.

Students enrolled in this course have the option of participating in the annual Mathematics Contest, offered in the spring each year. Top-achieving students may receive entry bursaries for further studies at university.

**CALCULUS 12**

Recommendation: Pre-Calculus 12, with a grade of B or higher.

Calculus 12 is intended for students planning to take a 1st year Calculus course as part of their post-secondary studies in such disciplines as economics, engineering, mathematics and science. Calculus 12 is intended for mathematically capable, hard-working students and will require significant amounts of work outside of class each day (30-60 minutes per night). Students must master many problem-solving skills and amass a large repertoire of problems in order to be successful in post-secondary mathematics courses. This course covers most of the major topics taken in first-year Calculus. It is a great advantage to preview this material in high school, as it is very different from previous courses in mathematics.

Topics Include: Limits; Continuity; The Derivative; Differentiation Techniques; Functions & Graphs; Applied Extrema; Rate of Change Applications; Related Rates; Derivatives of Trigonometric Functions; Derivatives of Exponential & Logarithmic Functions; Antiderivatives; Differential Equations; Area and Volume; Trigonometric Integrals; Integrals of Exponential & Logarithmic Functions; Integration Methods.

Students enrolled in this course have the option of participating in the annual Euclid Mathematics Contest, offered in the spring each year. Top-achieving students may receive entry bursaries for further studies at university.

MODERN LANGUAGES

Courses Offered

- French 9
- French 10
- French 11
- French 12
- Beginner Spanish
- Intermediate Spanish I
- Intermediate Spanish II
- Advanced Spanish
- French Immersion (see page 3)
- Advanced Placement French Language and Culture

FRENCH

In all of the following French courses emphasis is placed on the cultural aspects of the language so the student will acquire some knowledge of French speaking cultures. This is done through the use of digital media, DVDs, songs, magazine articles and CDs.

FRENCH 9

DESCRIPTION: The oral aspect of the language is stressed. Students will learn recreational and geographical vocabulary, questioning techniques, commands and the use of a number of verb tenses.

EVALUATION: Oral/aural exercises, short written tests, workbook assignments, presentations and examinations.

FRENCH 10

DESCRIPTION: The oral aspect of the language is stressed. Students progress in written French to ensure competency. The emphasis is on the student's ability to use the language with confidence. Group work and multimedia presentations are also a feature of the course.

EVALUATION: Oral/aural exercises, written tests, class presentations, participation and examinations.

FRENCH 11

DESCRIPTION: This course aims to develop skills of conversation, comprehension, and writing as well as comprehension at the listening and reading levels. This course can be used for the language requirement to enter many universities and is also a valuable elective for those thinking of careers in the Federal Civil Service, RCMP, airlines and travel agencies.

EVALUATION: Oral/aural testing, written tests, class participation, presentations and examinations.

FRENCH 12

DESCRIPTION: A continuation of the development of the skills of listening, speaking, reading and writing plus an introduction to French Literature. Discussion and written work are on such a level that, at the completion of this course, some mastery of the language may be expected. (*RECOMMENDED: Dictionnaire; Bescherelle*)

EVALUATION: The final mark will be determined on the basis of assignments, presentations, creative writing, class tests, chapter tests, and formal examinations.

SPANISH LANGUAGE & CULTURE

Students enrolling in these courses can look forward to learning Spanish language through a combination of interactive speaking and listening activities as well as written work and video / audio input. Focus is on building students' ability to listen and speak in Spanish. In studying the language, students will learn a great deal about Hispanic countries. The Spanish department organizes a trip to a Hispanic country every two years to give students the opportunity to put their skills to use.

BEGINNER SPANISH (Spanish 9)

This is an introductory course. No prior Spanish language knowledge is necessary. The oral and cultural aspects of the language will be emphasized, and communication in Spanish is the main focus. Students will interact constantly with both the teacher and each other in Spanish. Writing is introduced from the outset, and students are evaluated on their ability to make use of what they have learned so far to communicate effectively in Spanish.

INTERMEDIATE SPANISH LEVEL I (Spanish 10)

Interaction in Spanish continues to be the focus in this course. Students' confidence in their ability to listen, speak, read and write in the target language continues to grow. Students become proficient narrating in both present and past tense. Reading and writing skills are practiced regularly. Students are evaluated on their ability to communicate effectively in Spanish at an intermediate level.

INTERMEDIATE SPANISH LEVEL II (Spanish 11)

Teacher instruction is now almost entirely in Spanish. Students are given ample opportunities to practice speaking through pair and group activities. Learners will be able to improvise their way through many everyday situations in Spanish. Reading and writing skills are practiced regularly. Students are evaluated on their ability to communicate effectively in Spanish at an upper-intermediate level.

ADVANCED SPANISH (Spanish 12)

Students use the skills they have developed over the three previous courses to understand authentic conversations, newspaper articles & audio clips. They will refine their speaking skills in both formal and informal situations. Students will also broaden their understanding of Spanish-speaking cultures. Students are evaluated based on their abilities to communicate effectively at an advanced level.

Students who receive 86% or higher in Advanced Spanish will be encouraged to write the AP Spanish Exam in May. During the spring semester, a weekly study group will meet to prepare for the exam.



MUSIC

Courses Offered

- Concert Band 9, 10, 11, 12
- Concert Choir 9, 10, 11, 12
- Vocal Ensemble 10, 11, 12
- Guitar 9, 10, 11, 12
- Junior Jazz Band 9, 10
- Senior Jazz Band 11, 12
- Rhythm and Blues Band

CONCERT BAND 9, 10, 11, 12

****inside and outside the timetable options available***

Concert Band is a core ensemble focused on developing music literacy and instrumental performance skills. It is a linear (year-long) course that meets two to three times a week. This course includes performances throughout the school year as well as participation in workshops with professional musicians. Students participating in Concert Band are expected to practice a minimum of 100 minutes per week on their instrument. This course is one of two co-requisites for all instrumental performance groups in the Esquimalt Music Program. It is recommended that students have taken Concert Band 8 before Concert Band 9. However, admission can also be based on consultation with the teacher.



CONCERT CHOIR 9, 10, 11, 12

****outside the timetable***

This choral course is open to all students male or female. Students will have the opportunity to individually become better vocalists and learn a lot about vocal production usable for all musical styles. It is a linear course (yearlong) and meets twice a week. Students will learn various styles of music including jazz, pop, classical, gospel and folk. The focus of this group is to enjoy music, become better musicians/singers, make new friends and have fun. Participation in Music Festivals and travelling abroad is also a possibility!

VOCAL ENSEMBLE 10, 11, 12

****outside the timetable***

The Esquimalt Vocal Ensemble meets twice a week and is comprised of students from Grades 10 to 12. Repertoire is focused on (but not limited to) vocal jazz, pop, and folk styles. Students explore a different level of creativity in this ensemble as they are encouraged to write and arrange their own music for performance. Students wishing to sing or accompany (piano, bass, drums/percussion) as part of the Esquimalt Vocal Ensemble should see Ms. Treble directly.

GUITAR 9, 10, 11, 12

This semester-long class is open to students with or without guitar experience. Students will learn the basics of playing through studying music notation, chord symbols, tablature and peer modeling. The main objective of this course is to create an enhance appreciation for music through playing guitar. Students will also gain a better understanding of musical genres including blues, rock, jazz, pop and more. The semester will culminate in a performance of student chosen music.

JUNIOR JAZZ BAND

****outside the timetable***

The Esquimalt Junior Jazz Band is an introduction to big band jazz performance at the high school level. This is achieved through performance of quality big band jazz repertoire in a variety of styles: Funk, Swing, Latin, Rock, Shuffle, Ballad and more! This ensemble meets Monday and Thursday morning at 7am and is comprised of students from Grades 9/10 respectively. The Esquimalt Jr. Jazz band is proud to participate in the annual West Coast Jazz Festival with students and the ensemble receiving high praise and awards along with consecutive invitations to Nationals. In order to provide an even broader musical experience, all Jazz Band students are required to rehearse and perform with the Esquimalt Concert Band.

SENIOR JAZZ BAND

****outside the timetable***

The Esquimalt Senior Jazz Band is a continuation of big band jazz performance at the high school level. This is achieved through performance of HIGH LEVEL quality big band jazz repertoire in a variety of styles: Funk, Swing, Latin, Rock, Shuffle and more. This ensemble meets Tuesday and Friday morning at 7am and is comprised of students from Grades 11/12 respectively*. The Esquimalt Senior Jazz is proud to participate in the annual West Coast Jazz Festival with students and the ensemble receiving top marks along with invitations to Nationals. In order to provide an even broader musical and leadership experience, all Jazz Band students are required to rehearse and perform with the Esquimalt Concert Band.

Co-requisite for Jr/Sr Jazz Band is participating in Concert Band.

R&B BAND

****outside the timetable***

This high energy, performance oriented course is available to singers, rhythm players and instrumentalists who desire a more extensive musical experience which can prepare them for a career in the area of music performance.

Extra-curricular performances will be emphasized and weekend rehearsals can be expected. Repertoire explored will range from early Motown of the '60's to the latest Top 40 hits. Instrumentalists interested in this ensemble should have experience playing either privately or in a school band scenario. Vocalists who are interested in this ensemble should be comfortable singing harmonies.

PIT ORCHESTRA

Esquimalt High proudly offers the opportunity to perform as accompaniment to cast of our full musical productions. This fast-paced class assembles in January, rehearsing diligently for opening night. Repertoire is high level thus, students interested in this class should have a high caliber of musical facility and musicianship under their belts.

For more information, contact Mr. Jolliffe (pjolliffe@sd61.bc.ca) for details about our Musical Theater Program.



PHYSICAL EDUCATION

Courses Offered:

- Physical Education 9/10
- Athletic Leadership/Outdoor Education 10-12
- Fitness and Conditioning 11/12
- Active Living 11/12

At Esquimalt High School we are proud to offer a Physical Education program that is both challenging and flexible enough to meet the needs and abilities of the majority of our students. From our required courses to our electives, students are able to get a wide range of choices for their four years at Esquimalt. We encourage all students to stay involved in the Physical Education program.

PHYSICAL EDUCATION 9/10

Location: Gym, Weight Room, Outside Fields, Various locations in and around Victoria

Course Description

PE 9 and 10 are required to be taken by all students for completion of graduation. The course reviews and refines all the basic movement skills developed during the earlier grades. It presents all students with a wide variety of activities in competitive, individual and team sports. PE 9/10 may ask students to analyze mental well-being, including healthy sexual decision making, and potential short and long term consequences of decision making related to health of self and others. Activities during P.E. may include fitness, dance, volleyball, basketball, badminton, softball, soccer, rugby, football, field hockey, minor (lead-up) games, track and field, etc.

Proper P.E. strip is required for each class. Shorts or track pants, a T-shirt and running shoes are needed. Students should be prepared to go

outside. Physical Education is an activity-based course where regular participation is a basic requirement. When a student is unable to take part in a class because of illness or injury, a parental note or phone call explaining the problem must be given to the teacher on that day for the student to be excused.

Objectives:

The student will learn to enjoy physical activities at a competitive and recreational level. They will learn rules, strategies, techniques and movement principles as they relate to various games and activities. Students will improve various social skills, i.e. co-operation, teamwork, good sportsmanship, leadership, and respect for individual differences. Students will develop an understanding of the terms fitness and health and will know how to apply this knowledge to everyday living.

Requirements

- Proper attire for each day (shorts/track pants, shirt/sweatshirt, supportive shoes, etc.
 - Please note not to bring or wear inappropriate clothing.
 - Be punctual and prepared to start on time.
 - Analyze strategies for promoting mental well-being, including strategies for developing and maintaining healthy relationships for self, and for others.
-

FITNESS AND CONDITIONING 11/12

Location: Gym, Weight Room, Outside Fields, Various locations in and around Victoria

Potential field trips include:

- Rowing on the Gorge
- Crossfit at Taranis
- Boxing/Kickboxing at ZUMA
- Indoor climbing at Crag X
- Skating at Pearkes Arena

Course Description

Fitness & Conditioning is a course open to all students having completed PE 9/10. This course may be of particular interest to all student-athletes participating on a school sports team. The focus will be on supporting and encouraging students to follow a healthy, active lifestyle path. Individual students will design and implement their training plans, and are expected to monitor and assess the effectiveness of their plans in relation to personal goals. Students will explore current trends and research in fitness including strength training, core training and flexibility, CrossFit, and sport-specific training. Basic anatomy and physiology will be covered, and proper technique and safety will be emphasized. During this course, students will split their time between the weight room, the gymnasium, and various external locations. The weight room component will enable students to explore the effectiveness of their personal fitness programs, and the remaining components will have students engaged in sport-specific settings where they will use gameplay to learn about the importance of:

- Agility, quickness, and balance
- Regulating anxiety during play
- Interpreting successes and failures
- Strategies for building confidence
- Preventing burnout
- Sports first aid & basic anatomy

Requirements

- Proper attire for each day (shorts/track pants, shirt/sweatshirt, supportive shoes, etc.)
- Please note not to bring or wear inappropriate clothing.
- Be punctual and prepared to start on time.
- Develop an individual training plan
- Keep a journal to reflect on personal fitness goals

ATHLETIC LEADERSHIP/OUTDOOR EDUCATION 10-12

Location: Gym, Weight Room, Outside Fields, Various locations in and around Victoria

Course Description

Welcome to ALOE! This course focuses on team building and athletics through exploring a variety of indoor and outdoor environments. The four main leadership styles are autocratic, bureaucratic, democratic, and co-operative/participatory. Throughout this course we will learn about leadership styles, what they mean, and how they apply to a variety of situations. There is no one perfect leadership style for all people or all things. Different situations and people will use a variety of these leadership styles. One of the things we will learn in this course is when to use what style and what works best for you.

The activities chosen in this class are highly co-operative and often competitive. The success of this course relies on the participation and attitude of each student working hard and approaching all activities with an open mind. By incorporating as many of these activities as we can in the outdoors we help increase our confidence, learn about safety and risk management, and develop a lifelong love of participation in nature.

Sample Field Trip Activities include:

- Kayaking/canoeing/dragon boating/Stand up paddle boarding
- Orienteering and route planning/trekking
- Rock climbing
- Plant identification and environmental science
- Hiking
- Geocaching

Requirements

- Proper attire for each day (shorts/track pants, shirt/sweatshirt, supportive shoes, etc.) Please note not to bring or wear inappropriate clothing.
- Come to class on time and be prepared to start on time.
- Volunteer/service hours (sports teams = 10 hours)
 - Jr student = 20 hours
 - Sr student = 30 hours
- Keep track of your volunteer hours
- Fill out all necessary paper work and have handed in ASAP
- Take part in fundraising activities to offset the costs of our field trips and activities

ACTIVE LIVING 11/12

Location: Gym, Weight Room, Outside Fields,
Various locations in and around Victoria

Course Description

Active Living 11/12 focuses on the development of a personalized approach to healthy, active living. This course requires students to participate in a variety of sport and recreational activities that have the potential to engage students' interest throughout their lives. Students will experience activities that include: team games, individual sports, and minor games that all emphasize recreational participation. Regular fitness activities will also be included. Students are given a choice of activities in order to give them a stake in their learning. This allows for a differentiated program that is tailored to student interest and skills. It will also provide students with opportunities to refine previously learned athletic skills and reinforce the attitudes/strategies learned in PE 9/10. * i.e. co-operation, teamwork, good sportsmanship, leadership, respect for individual differences, interpersonal relationships.

Objectives:

The student will learn to enjoy physical activities at the recreational level. They will learn rules, strategies, techniques and movement principles as they relate to various games and activities. Students will improve various social skills and will further their understanding of the terms fitness and health while applying this knowledge in life.

Requirements

- An understanding of the fundamental movements and skills required during game play.
- A basic understanding of fitness programming.
- Proper attire for each day (shorts/track pants, shirt/sweatshirt, supportive shoes, etc.) Please note not to bring or wear inappropriate clothing.
- Come to class on time and be prepared to start on time.
- Apply strategies for promoting mental well-being, including strategies for developing and maintaining healthy relationships for self, and for others.

SCIENCE

Courses Offered

- Science 9
- Science 10
- Biology 11
- Chemistry 11
- Physics 11
- Science & Technology 11
- Earth Science 11
- Chemistry 12
- Physics 12

energy, conservation and transformation of energy, nuclear energy and radioactivity, the Big Bang and the formation of the universe, and astronomy.

Course work will make up 80% of the final mark. There is a mandatory final exam worth 20% of the final mark.

SCIENCE 9

This course gives students the opportunity to gain a basic knowledge of biology, physics, chemistry, and earth and space science, and is a prerequisite for Science 10. Topics include: cell division, sexual and asexual reproduction, chemical elements and compounds, the structure of the Periodic Table, current electricity and circuits, power consumption, the influence of the Sun on our oceans and atmosphere, and nutrient cycles within ecosystems.

Course work will make up 80% of the final mark. There is a mandatory final exam worth 20% of the final mark.

SCIENCE 10

This course is a continuation of the basic knowledge acquisition in biology, physics, chemistry, and earth and space science that begins in Science 9. Topics include: DNA and the principles of inheritance, selection and evolution, applications of genetics, chemical reactions, types of

SCIENCE DEPARTMENT **CALCULATOR POLICY**

A proper scientific calculator is required equipment for all science courses in grades 9 through 12. To maintain assessment integrity students will not be permitted to use cell phones or other digital devices to perform calculations on exams. Graphing calculators may be permitted in some classes, but are not recommended due to expense and limited applicability. The Sharp EL-510R is a very inexpensive but fully functional calculator that is recommended for math and science courses at the University of Victoria and Camosun College.



BIOLOGY 11

Biology is the study of life, from the bacteria which crowd in a single droplet of water to gigantic trees that tower above us in the forest canopy, and everything that lives in between. Biology 11 is for students who want to learn more about the diversity of living things around us, including animals, plants and microbes, in the context of evolution. Concepts and skills learned in this course are crucial for success in Biology 12 and other senior science courses.

Lab work is an important part of this course. This includes using microscopes, making many detailed observations of living and preserved specimens and performing experiments. Topics include: evolution, microbiology (prokaryotes and viruses), plant biology (green algae, moss, ferns, gymnosperms and angiosperms), animal biology (sponges, cnidarians, flat, round and segmented worms, molluscs, arthropods, echinoderms and chordates), and ecology.

Course work will make up 80% of the final mark. There is a mandatory final exam worth 20% of the final mark. (*See the science department's calculator policy*)

EARTH SCIENCE 11

Earth Science 11 is an introductory course. A variety of topics will be presented including mineral identification, forces that create and destroy landforms, earthquakes, volcanoes, plate tectonics, climate change, and astronomy. The Earth is a dynamic, complex system. Earth Science 11 begins the exploration of this system through its investigation of forces that create and destroy landforms, oceanography, meteorology, and astronomy. Earth history and mineral formation and identification are also introduced.

CHEMISTRY 11

It is strongly recommended that students achieve a B or higher in Foundations of Mathematics and Pre-Calculus Math 10 prior to taking Chemistry 11, and that Pre-Calculus 11 be taken concurrently with Chemistry 11. Note that there is no guarantee that Chemistry 12 will be offered in the second semester, it is strongly advised that students take Chemistry 11 in their Grade 11 year.

Chemistry is often referred to as the “Central Science” because so many branches of Science depend upon chemical principles. From simple atomic structure through to complex organic molecules, this course provides a solid foundation for further studies in chemistry as well as many other science and technology courses. Students will develop and refine their mathematical and problem-solving skills. The course also includes a laboratory component. Topics include: laboratory safety, numerical operations, matter, inorganic nomenclature, the mole, chemical reactions, stoichiometry, atomic structure, electronic structure, Periodic Table, chemical bonding, solution chemistry, and organic chemistry.

Course work will make up 80% of the final mark. There is a mandatory final exam worth 20% of the final mark. (*See the science department's calculator policy*)

PHYSICS 11

It is strongly recommended that students achieve a B or higher in Foundations of Mathematics and Pre-Calculus Math 10 prior to taking Physics 11. Students who have taken Apprenticeship and Workplace Math 10 or who have not achieved a B in Math 10 should consider taking Physics 11 at a later date. Note that there is no guarantee that Physics 12 will be offered in the second semester, it is strongly advised that students take Physics 11 in their Grade 11 year.

Physics 11 is a laboratory and lecture course, including a heavy emphasis on problem solving. Topics include: motion in one dimension (kinematics, dynamics, special relativity), energy (mechanical, heat, nuclear), wave motion, and optics.

Students from either semester will have the opportunity to participate in a 1-day trip to Playland in Vancouver. Kinematics, dynamics and energy conservation will be put to the test as we scream through the rides!

Course work will make up 80% of the final mark. There is a mandatory final exam worth 20% of the final mark. *(See the science department's calculator policy on page 43)*

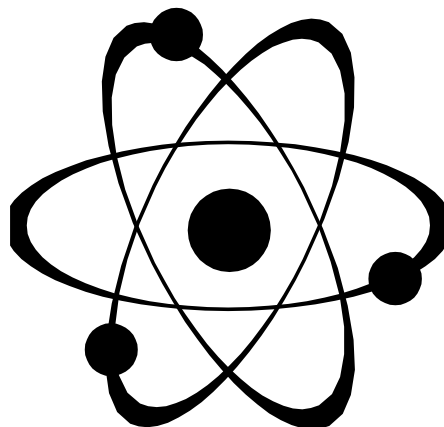
SCIENCE & TECHNOLOGY 11

This is a multi-disciplinary course that examines the connections between Science and Technology and how they can impact the environment and society. Students can complete this course to meet their Grade 11 science requirement for graduation.

Topics include: forensics – the roles that science and technology play in solving crimes, natural resources and the environment – what we've got in BC and how we use it, computers and communication – the impact of digital technology on our life and work, home and technology – technologies that contribute to home design and construction and how we live in our homes, personal technologies – how we use our "devices" and how they impact our society, space exploration – how science and

technology both respect and dispel primitive concepts, of cosmological structure, and transportation – technologies associated with technology and their impact on society

Course work will make up 80% of the final mark. There is a mandatory final exam worth 20% of the final mark.



BIOLOGY 12

This course follows the grade 11 Biology course and it is recommended that candidates have a good basic knowledge (C+ or better) of Biology 11. It is also recommended that Chemistry 11 be taken prior to or concurrently with Biology 12.

Biology 12 is designed for students who are keenly interested in Biology and are curious to find out all they can about living cells, and human physiology. Laboratory work is used to increase understanding, and it is expected that students will be prepared to spend time reading necessary reference materials. Dissections (heart, kidney, fetal pig) are included in this course. Topics include: Cell structure, Cell compounds, Cell processes, Human Biology (digestive system, circulatory system, respiratory system, nervous system, excretory system, reproductive system)

Course work will make up 80% of the final mark. There is a mandatory final exam worth 20% of the final mark.

CHEMISTRY 12

This course is open to students with credit for Chemistry 11 and who wish to pursue a study of chemistry. A strong background in Mathematics 11 is suggested. In addition, it is strongly recommended that Chemistry 12 students also take Mathematics 12 Pre-Calculus. A scientific calculator with 2-line display is required equipment. Graphing calculators are not permitted.

Chemistry 12 involves theory and practical work. Solving problems and calculations are an integral part of this course and students must be prepared to devote time to these exercises. Laboratory activities include demonstrations of chemical principles as well as student experiments. Emphasis in the laboratory is placed on careful methodology, observations and calculations. Five major topics will be covered: reaction rates, chemical equilibria, solubility, acids, bases and salts, oxidation-reduction reactions.

Course work will make up 80% of the final mark. There is a mandatory final exam worth 20% of the final mark.

PHYSICS 12

Success in Physics 11 is necessary before attempting this course. High achievement in Math 11 is strongly recommended. A scientific calculator with a 2-line display is required equipment; graphing calculators are permitted but not required.

Physics 12 is a laboratory and lecture course, including a heavy emphasis on problem solving. Very little class time will be given for homework completion. Topics include: Vector Addition, Force and Motion, Circular and Oscillatory Motion, Gravitation, Momentum, Energy, Charges (static and moving), Magnetic Field Induction, Circuitry.

Course work will make up 80% of the final mark. There is a mandatory final exam worth 20% of the final mark.

ADVANCED PLACEMENT

BIOLOGY

Advanced Placement Biology allows secondary students to obtain high school credit as well as credit towards similar courses at participating postsecondary institutions in Canada and the United States, subject to performance on the Advanced Placement Biology exam held once per year in May. AP Biology roughly follows the curriculum of Biology 11 and Biology 12, with considerable additional material. Topics include evolution, heredity, metabolism, cellular anatomy, homeostasis, ecology, protein synthesis, cell division, and cell signaling. Students enrolled in AP Biology will take both Biology 11 and Biology 12 and receive additional instruction to prepare them for the AP Biology exam. Please see page 15 of the Course Guide for additional information on Advanced Placement.

Students enrolled in Advanced Placement Biology may also have the opportunity to take the Biology 116 lab course offered at the Lansdowne Campus of Camosun College. There is a fee associated with this class, and students are required to have credit or proof of registration in English 12, see the Camosun College LYNC website for details.

SOCIAL STUDIES

Courses Offered

- Humanities 9
- Social Studies 10
- Social Studies 11
- Women Studies 11
- Psychology 11
- Psychology 12
- Advanced Placement Psychology
- First Nations Studies 12
- History 12
- Law 12

In Social Studies students examine various themes and issues related to human activity in the past and in the present. These themes include: Grade 9 The Growth of Nations, Grade 10 Canada: Nationhood and Economic Relationships, Grade 11 Contemporary Canada and World Affairs. All of our courses share the common idea that distinctive cultures develop in response to a variety of influences. They also encourage the development of responsible citizenship.

Social studies is a required course for grades 9 through 11. It is also offered as a semester elective option for grade twelve. Social Studies 11 is also offered as a Challenge course. (see page 14 for details)

EVALUATION: A detailed outline of the assessment criteria for each course will be given when each course begins. Assessment for all courses includes a combination of: class assignments (maps, drawings, paragraphs, essays, lab work, oral presentations, models, etc), topic, and unit tests, projects, final exam.

HUMANITIES 9

Humanities 9 will offer Social Studies 9 and Language Arts 9 as an integrated course to better meet the needs of our students, allow for flexibility in program delivery, and to enhance understanding of key concepts and skills studied in grade nine. Humanities teachers will use a guided inquiry approach to address the British Columbia Program of Studies for Socials and Language Arts.

SOCIAL STUDIES 9

With the new curriculum, the focus of Socials 9 covers the years between 1750 and 1919. The Socials 9 new curriculum centers on four Big Ideas: 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, and collective identity is constructed and can change over time.

Learning standards include:

- political, social, economic and technological revolutions
- the continuing effects of imperialism and colonialism on indigenous peoples in Canada and around the world
- global demographic shifts, including patterns of migration and population growth
- nationalism and the development of modern nation-states, including Canada
- local, regional and global conflicts
- discriminatory policies, attitudes and historical wrongs
- physiographic features of Canada and geological processes

SOCIAL STUDIES 10

Canada and the World : 1919 to the Present

With the new curriculum, the following four Big Ideas will be included in Socials 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.

Learning standards include:

- development, structure, and function of Canadian and other political institutions, including First Peoples governance
- political and economic ideologies and the development of public policy
- changing conceptions of identity in Canada • Canadian autonomy
- domestic conflict and co-operation
 - discriminatory policies and injustices in Canada and the world, such as the Head Tax, the Komagata Maru incident, residential schools, and internments
- international conflicts and co-operation
- human–environment interaction
- economic development and Canada’s role in a global economy
- truth and reconciliation in Canada

SOCIAL STUDIES 11

Canada in the World Community

The overall goal of Social Studies 11 is to help students develop the knowledge and skills to become informed and active citizens of the Canadian and global communities.

The course focuses on Canada in the 20th century and presents a survey of social, cultural, political, legal, economic, and environmental developments and issues. Students will be encouraged to develop a personal response to recurring issues.

WOMENS STUDIES 11

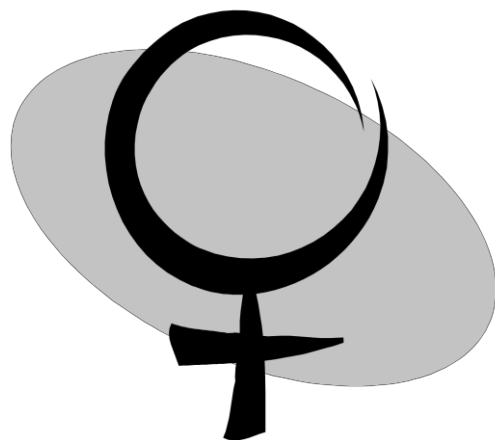
Womens Studies 11 is a 4-credit course open to all students in grades 10, 11 and 12. (It does not meet the Social Studies 11 requirement)

This course will look at how women and girls have worked and thought and lived from pre- historic times to now. It will ask you to consider questions such as:

- Why is it that women, who make up 52% of the population, are still considered a “special interest” group?
- Why do women in this country still make less
- money than men do in the same jobs?
- Why do our history textbooks tell us so little about what women were doing?
- Why do girls and women continue to die for beauty?
- Why are there laws in this world that allow a girl’s family to kill her for being raped?
- Why is a woman violently assaulted or killed in their country every six minutes?
- Why are there still so many more men in positions of power than women?
- Why is it not known that the strongest human muscle exists in the female body?
- How does the unequal treatment of women harm men?

In this course you will look at films, magazines, television, newspapers, visual, dramatic and audio art, photographs, letters and stories.

Discussion of women’s issues raised in these media make up a major portion of the course. Assignments are mainly response journals and projects.



PSYCHOLOGY 11

Open to all grade 11 and 12 students, this course serves as an introduction to the study of psychology: the study of the human mind and human behaviour. Topics include an introduction to psychology, research methods, psychological disorders, developmental psychology, nature vs. nurture, sensation and perception, learning and motivation and personality theories.

Students will learn about themselves and those around them by studying the attempts to explain and predict why people behave, think and feel as they do. This is an academic course that will include readings, assignments and two term projects.

BC FIRST NATIONS STUDIES 12

First Nations Studies 12 examines the issues related to First Nations history, culture, and literature from the mid 1850's to the present day. The core unit will consist of: Traditional First Nations Culture, Management of Natural Resources, First Nation Government, Impact of contact/colonialism. Other units may include: First Nations Literature, Land and Resources, Education, Politics and Legislation, Artistic Tradition.

This course is Ministry directed and counts for graduation as a Grade 12 credit. This course can also qualify as a Social Studies 11 credit.

HISTORY 12

History 12 examines the history of the tumultuous and riveting 20th century. We seek to understand why the world is the way it is by studying the key ideas, events and people who shaped the world. Events such as the Russian Revolution, ideas of propaganda and people like Martin Luther King Jr. are incredibly fascinating and tell us much about human nature itself. The course begins in 1919 amid the ruins of Europe after the Great War and concludes with the collapse of the Soviet Union in 1991. Along the way, we study the rise of fascism, Nazism, American dominance, WWII, the Cold War, Vietnam, Maoist China, Gandhi's India and many other vital topics. This course will enhance and strengthen your knowledge of the world, critical thinking and might even provide some inspiration for the future.

“Without knowledge of history, it is like you were born yesterday.”

- Howard Zinn

LAW 12

This course examines the Canadian criminal justice system, its components, process, objectives, and functionalities. It includes an analysis of discretion, diversion, decision-making processes and the operational practices of the system. This is a course where you can learn the differences between criminal and civil law. Be prepared to discuss landmark cases and current issues.

This course is open to students in Grades 11 and 12.

PSYCHOLOGY 12

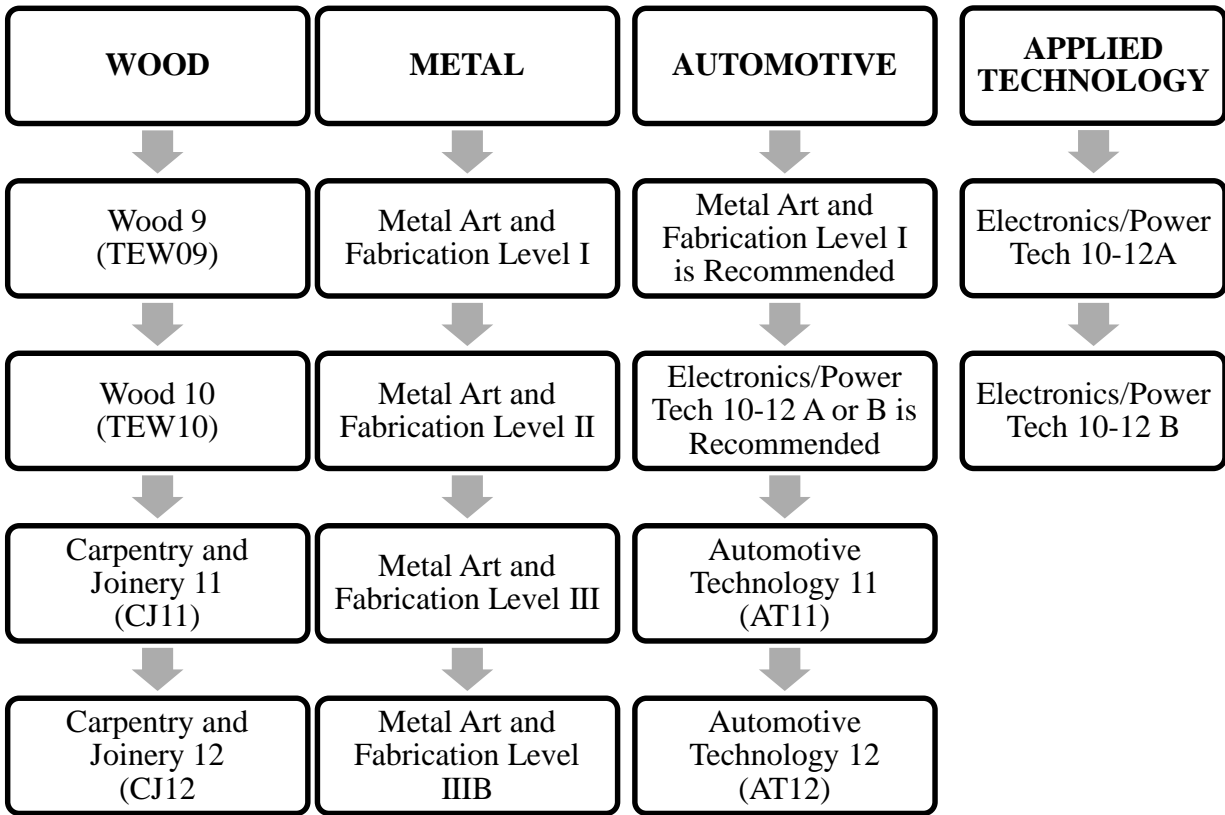
While open to all grade 11 and 12 students, it is strongly recommended that students have completed Psychology 11. Psychology 12 is an extension of the material covered in Psychology 11. The major focus of the course will be the study of the human mind and human behaviour. Topics include: memory and cognitive processes, motivation and emotion, abnormal psychology, interpersonal communication and therapy, social interaction, group behaviour, persuasion and attitudes, the brain and nervous system, and experimental research. This is an academic course that will include readings, assignments and major projects.

ADVANCED PLACEMENT PSYCHOLOGY

Those students who take both Psychology 11 and Psychology 12 have the option of writing the AP Psychology Exam. Taken together, Psychology 11 and Psychology 12 conform to the College Board topics for the Advanced Placement Introductory Psychology Examination. A score of 4 or 5 on the exam awards students with college or university credits at most post-secondary institutions (see BC transfer guide for details). The exam covers the following topics: research methods, approaches to psychology, history of psychology, biological bases of behavior, sensation and perception, states of consciousness, learning, cognition and memory, motivation and emotion, developmental psychology, theories of personality, testing and individual differences, abnormal psychology, treatment of psychological disorders, and social psychology. Students must register for the course before January of the examination year. This course requires extra study and preparation outside of the timetable; see a counsellor or your psychology teacher for details.



TECHNOLOGY EDUCATION



WOODWORK

TECH ED 9: WOODWORK

While primarily for grade 9's, this course is open to all interested students. Wood Technology 9 is a general woodworking course covering basic furniture making. Course includes a major project (foot stool) and 3 minor projects (clock, small shelf and lathe spindle turning). Project planning, project development, wood selection, wood structure, finishing, and tool care and maintenance are also emphasized. Course evaluation is 50% practical and written work, and 50% personal management, communication and teamwork (work ethic).

TECH ED 10: WOODWORK

This course is open to all students in grades 10, 11 and 12. Wood Technology 10 covers elementary joinery skills. The course includes one major project: candlestick table plus lathe bowl. Project planning, project development, wood selection, wood structure, finishing, and tool care and maintenance are also emphasized. Course evaluation is 50% practical and written work, and 50% personal management, communication and teamwork (work ethic).

CARPENTRY & JOINERY 11

This course is open to all students in grades 11 and 12. Carpentry & Joinery 11 is a general cabinet making course which emphasizes modern furniture construction and mastery of skills associated with bench and machine work. Students will design and construct either a breadbox or side table (both will have drawer construction). The introductory project will be a jewellery box with finger joints.

Major emphasis is placed on project drafting, project design, shop and machine safety, planning and shaping, portable machine tools, wood structure, manufactured wood products, adhesives, fastenings, abrasives, edge tool grinding tool usage, and industrial furniture finishing. Course evaluation is 50% practical, 20% flow chart planning, and 30% personal management, communication and teamwork.

NOTE: The major project must be completely finished in order to receive credit for this course.

CARPENTRY & JOINERY 12

This course is open to all students in grades 11 and 12. Students will learn traditional and modern techniques of cabinet construction. Both solid wood and man-made panel construction will be used in developing cabinetry found throughout the home. Projects may include grandfather clocks (or smaller versions), coffee table or entertainment cabinet, or other large pieces of furniture. Emphasis is placed on lathe work, inlay work, quality handcraft work, safety. Course evaluation is 50% practical, 20% flow chart planning, and 30% personal management, communication and teamwork.

NOTE: The major project must be completely finished in order to receive credit for this course.



METAL ART & FABRICATION (Metal Technology)

Metal Tech., as it is often called, is an opportunity to experience, through project work, a wide variety of hand and machine operations common to the “Arts”, to “Industry”, and the “Trades”. Whether one is interested in acquiring tool and machine “Life Skills”, furthering one’s understanding of industrial processes for the sake of studies in the Trades or Engineering, or as an outlet for artistic expression, the Metal Technology courses have a great deal to offer.

As in a community college setting, the Metal Tech. program is now offered as a series of level courses. Regardless of age or grade, a person starts by taking the “Level 1” program. This program will make anyone familiar with all of the most common tools and machines used in a Machine Shop or Studio setting. The “Level 2” and then “Level 3” programs would consist of progressively building one’s skills set.

METAL ART & FABRICATION LEVEL I (Grades 9-12)

This Secondary School level program enables our students with little or no prior experience to become comfortable and proficient with many applications of hand tools and the following machines and processes:

- Electric and pneumatic hand tools
- Sheet-metal brakes
- Buffers and Grinders
- Wire wheel and Abrasive Belt
- Carbide cut-off & Metal cutting band-saws
- Drill presses
- Machine lathes
- Brazing with oxy-acetylene
- Forging
- Heat-treatment
- Silver casting

METAL ART & FABRICATION LEVEL II (Grades 10-12)

The “Level 2” program builds upon the skills learned through “Level 1”. Students will be able to utilize their previously acquired comfort level and skills while extending the diversity of their abilities.

Participants may add some or all of the following machines and processes to their overall experience:

- Milling machine
- Aluminum casting
- SMAW (Stick welding)
- Plasma cutting
- MIG welding
- TIG welding
- Higher level Machine Lathe Processes
- Opportunity for self-directed projects

METAL ART & FABRICATION LEVEL III (Grades 11-12)

The “Level 3” program is intended to allow students the time and opportunity to specialize in those areas of “Metal Technology” that interests him or her most. Although participants will continue to pursue project assignments as suggested by the teacher, students are also encouraged to select and/or design activities within their favored areas.

It is anticipated that students will be developing an informed understanding of society’s work places that incorporate the many skills that they have accumulated during their “High School Metal Art & Fabrication” journey.

ELECTRONICS & POWER TECH (A or B) 9-12

This course serves a wide range of student interests and needs. The intention is to provide “Life Skills” level training that will benefit anyone interested in developing a basic but useful understanding of several technological

fields. Electronics and simple project construction comprises approximately one-third of the course. Such experience could lead to further studies within the world of the “Trades” or “Engineering”.

A further one-third of the program will explore the internal combustion engine and related technologies. This vital component will enable students to utilize small engines and vehicles with an empowering understanding of the how and why of today’s most used “Prime Movers”.

A selection of other “Pre-Trade” and “Pre-Engineering” topics of common interest will be selected on a bi-annual basis so as to accommodate individuals that may choose to take this course more than once. This course offering will therefore be identified as the “A” or “B” version in any given year.

This course is recommended for students wishing to go into “Automotive Mechanics” at the grade 11 & 12 level.

AUTOMOTIVE

AUTOMOTIVE TECHNOLOGY 11

This is an introductory course in automotive mechanics. The student interested in gaining skills in order to maintain their own vehicle or the student who is considering a possible career in the automotive industry will benefit from this course. The course will consist of routine maintenance procedures as well as hands-on experience in the safe use of tools and equipment in the repair of major parts of an automobile.

AUTOMOTIVE TECHNOLOGY 12

Automotive Technology 12 provides student with a more in-depth experience in automobile repair and maintenance. Student will use the latest technology as part of the course and will be expected to engage in a number of major projects.