

Vancouver Technical Secondary School



Course Planning Guide 2019-2020

Welcome to
VANCOUVER TECHNICAL SECONDARY SCHOOL

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MISSION STATEMENT

Vancouver Technical School provides a safe, nurturing and stimulating environment in which students are given the opportunity to develop their intellectual, social, ethnical, aesthetic, physical and emotional intelligence; to respect the individual, embrace diversity and participate in the human community.



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ENRICHMENT OPPORTUNITIES

Vancouver Technical offers students many opportunities for academic enrichment. At the Grade 8-10 level, these include the **Summit** District Program, which offers enriched curriculum in English, Social Studies, Mathematics and Science to the students at each level; and the **Flex Humanities** District Program, which emphasizes a humanities focus in a stimulating and supportive environment. Both programs also offer students a variety of field studies.

The Grade 8-12 **French Immersion Program**, which currently enrolls 175 students, enables elementary Immersion students to continue to develop their language skills in both English and French. Graduates of this program receive a bilingual certificate. In Grades 11 and 12, students may pursue an enriched program culminating in university level Advanced Placement examinations in English, Calculus, and Art. For more information on any of these programs, contact the Counselling Department.

FLEX HUMANITIES PROGRAM DESCRIPTION

Students in this program will study integrated curricula of Humanities and Fine Arts in a supportive, stimulating, and challenging environment. Flex Humanities will include as its core subjects Classical Studies, and Historical Studies at the 8-12 levels. In addition, at the grade 8 Fine Arts will focus on drama and art (including some history or art content). Media Studies at the grade 9 level, and Film Studies at the grade 10 level. Students also take a fourth course in Flex. The degree of integration will vary over time and subject. Analytical and logical language skills will be developed to examine philosophical/intellectual ideas. Students will have the opportunity to make literate and relevant connections between philosophy, literature and contemporary existence; making sense of how the world is shaped by ideas. The course will provide an opportunity to explore classical literature and poetry, develop the necessary writing and reading skills to analyze, transliterate/translate, and create text from epic poetic form, dialogue style, to formal essay structure. The Humanities portion is an integrated study of history, geography, philosophy, and classical literature from Ancient Greece to 19th Century Canada. Students are encouraged to intellectually develop their critical thinking skills in a cooperative group setting which emphasizes problem solving, projects, leadership, and social responsibility. The program has been designed for self-motivated students with the ability and desire to take on enriched and challenging curricula.

Flex Humanities Classics 8 / History 8

Classics 8 rediscovers traditional classical Humanities studies; a study of philosophy and classical literature from Ancient Greece to Late Mediaeval Europe. Students will be introduced to Philosophy, all its sub-disciplines, and Classical Literature and the social, cultural, and historical context of the writings. Emphasis will be placed on engaging primary documents and original writings albeit translated from their original languages if other than English. **History 8** focuses on the historical and geographic contexts of the ancient to late mediaeval world which are integrated as closely as possible with the Classical Studies component. Additional skills development of analysis and interpretation of historical documents, writing, and speaking skills, and geography skills will be encouraged through work with primary documents, texts articles and historical and contemporary mapping.

Flex Humanities Classics 9 / History 9

Classics 9 is a study of philosophy and classical literature from the Late Mediaeval Europe to the Enlightenment. Students will be introduced to Philosophy, all its sub-disciplines, and Classical Literature and the social, cultural, and historical context of the writings. Emphasis will be placed on engaging primary documents and original writings albeit translated from their original languages if other than English. **History 9** focuses on the historical and geographic contexts of the Europe and North America from the Renaissance Reformation and Enlightenment to early 20th Century. It includes an examination of the effects of changes in economic, social and political philosophies. Additional skills development of analysis and interpretation of historical documents of writing and speaking skills and of geography skills will be encouraged through work with primary documents, texts, articles, and historical and contemporary mapping.

Flex Humanities Classics 10 / History 10

Classics 10 is a study of philosophy and classical literature in the 19th Century and 20th Century. Students will be introduced to Philosophy from the works of Kant to the existentialist writings of Heidegger. In the Classical Literature portion, students will study Romantic, Victorian, and early 20th Century poetry. We will look closely at the social, cultural, and historical context of the writings. Emphasis will be placed on engaging primary documents and original writings albeit translated from their original languages if other than English. **History 10** focuses on the history of Canada and the World in the 20th Century. It includes an examination of historical and constitutional change as well as geographical exploration with regard to the effects of changing social, political and economic philosophies in Europe and North America. Additional skills development on analysis and interpretation, writing, speaking and geography will be continued through work with a variety of contemporary and historical materials.

Flex Humanities Film Studies 10

Credits: 4 credits

Description: Film Studies 10 is designed for the Flex Humanities Program. The course will be an introduction to film theory, film criticism, film history, and screenplay writing. Students will be exposed to famous and influential films from many different styles, genres, decades, and countries. Students will learn the basic vocabulary of film and learn to look at film from different theoretical perspectives. Students will then learn the basics of screenwriting and write several scripts both individually and collaboratively.

HONOURS LIBERAL ARTS WARRANT

The Honours Liberal Arts Warrant is intended to certify student achievement in the liberal arts. The Warrant will create an enhanced profile for the English, Social Studies, Modern Languages, and Fine Arts providing certified recognition along with links to post-secondary institutions and academics. Students, upon structuring a selection of grouped courses and maintaining a B average, will receive an embossed certificate attesting to their achievement. This will be called the “Honours Liberal Arts Warrant.” The students who attain the highest G.P.A. along with completion of a thesis portfolio in this warranted program will be eligible receive the Liberal Arts Honours Scholarship upon graduation.

SUMMIT PROGRAM DESCRIPTION

- 1. Summit is a program where students journey through core academic areas (English, Social Studies, Math, and Science) as a group through grades 8-12. All of these courses are enriched and/or accelerated.**
 - Science is accelerated and enriched so that students have a Science 11 by the end of grade 10.
 - Social Studies integrate Pre-AP European History in Grades 8-10 with the opportunity to enter Grade 11-12 **AP at the end.**
 - Math provides the opportunity for acceleration so that some students may complete grade 11 Math by the end of grade 10.
 - English is accelerated for those with ability so that the students can take English 10 at the end of grade 9 with the intention that they will take two English courses at a grade 12 level (one of which will be in grade 11).
 - The material studied and the academic demands are higher in Social Studies than in regular course work.
 - Students must maintain a 73% average in all core subjects.
- 2. Summit strongly values and encourages community involvement outside of school time. The organization and expectations of this involvement follows the Duke of Edinburgh’s Young Canadian Challenge program, which can lead to Duke of Edinburgh awards and recognition.**
- 3. Summit is a program that is built on a wide variety of learning situations** from large group activities, individual learning responsibilities and field trip experiences. Home study is a valued part of the program and the teachers in all core subject areas have the expectation that work will be done in the summer months.

4. Summit is an educational environment that provides students with a social and learning network through grades 8, 9, and 10. This network is supported through grades 11 and 12 through a common homeroom, the opportunity to continue in the Duke of Edinburgh Award program, and through an encouragement to maintain an academic focus and an involvement in the student leadership of Vancouver Technical Secondary.

5. Costs – the cost of one year of the program for the 2016-17 year was approximately \$260, this included:

- Fees for camp
- Duke of Edinburgh registration and documentation
- Summit field trip costs

**Please note that the Duke of Edinburgh program requires some overnight camping trips. The costs for these trips will be extra. Please also note that there will be some cost for the grade 10 trip in April. The grade 10 class is encouraged to fundraise as much as possible, but parents will be required to offset this cost. All grades need to do fundraising to off-set personal costs.

ADVANCED PLACEMENT (AP) COURSES

Van Tech offers an array of advanced placement (AP) courses. The AP courses are based on a first year university curriculum and, if the student scores well on the final exam, may offer entry to second year courses or credit for the first year course. As you might expect, the AP courses are more difficult than the regular grade 12 courses. They cover additional material, at a higher level of detail and rigor. There will be a charge of approximately \$130 (subject to change based on US currency exchange rate) if students choose to register for the AP exam which occurs in May. Please see the Vancouver School Board website (<http://www.vsb.bc.ca/apexams>) for current information on the cost of registration for the AP exams.

Currently Van Tech is able to offer the following AP Courses:

AP Calculus 12	Page 18
AP English Literature	Page 7
AP Studio Art 12	Page 39

CHALLENGE, EXTERNAL CREDIT, EQUIVALENCY (EXTERNAL LEARNING)

Equivalency

Recognizes documented learning from outside the BC school system, which the Ministry and/or school districts deem equivalent to the learning outcomes of either a Ministry-Developed, Board/Authority Approved or Locally Developed Grade 10, 11 or 12 course. Where the Ministry has not assessed credentials from other institutions for equivalency, school boards have the authority to do so. The recommended guideline for determining equivalency is approximately an 80% match of learning outcomes with a Ministry-Developed course. Example: Credit for Cambridge Language Assessments in Punjabi have been reviewed and deemed equivalent to the Ministry-Developed courses Punjabi 11 and Punjabi 12.

External Credentials: (Ministry Approved Certificates (MAC)

The Ministry approves credentials earned in courses, programs, and assessments that are developed outside the BC school system and taken either inside or outside the regular classroom setting. External Credentials are not necessarily equivalent to Ministry-Developed curriculum. Example: Royal Conservatory of Music Certificates.

Challenge

Allows students to receive credit and a percentage mark for a provincially developed Grade 11 or 12 course, offered within a district, through a process of assessing the relevant knowledge and skills they have gained elsewhere. Courses will be normally available for Challenge one year after full implementation of their Integrated Resource Packages (IRP). e.g.: Credit granted through a Mandarin challenge process would provide the school mark and the student must then write the provincial exam (Grade 12).

ENGLISH

English 8 MEN--08

The English 8 curriculum focuses on the following “Big Ideas”: Language and text can be a source of creativity and joy; exploring text and story helps us understand ourselves and make connections to others and to the world; developing our understanding of how language works allows us to use it purposefully; purpose, audience, and context guide the author’s choices in the construction of text; language can shape ideas and influence others; people understand texts differently depending on their worldviews and perspectives; and texts are socially, culturally, and historically constructed.

English 9 MEN--09

Through the English 9 curriculum students will continue to develop their ability to work with story and text, use strategies and processes, and understand language features, structures and conventions. This content will come to life through the following “Big Ideas”: Language and text can be a source of creativity and joy: exploring text and story helps us understand ourselves and make connections to others and to the world; developing our understanding of how language works allows us to use it purposefully; purpose, audience, and context guide the author’s choices in the construction of text; language can shape ideas and influence others; people understand texts differently depending on their worldviews and perspectives; and texts are socially, culturally, and historically constructed.

English 10

English Language Arts 10

English Language Arts 10-12 curriculum builds on the knowledge, skills, and understanding that learners have acquired through English Language Arts K-9. In Grades 10, students deepen and extend their English Language Arts learning. The areas of choice (options) enable students to pursue their interests, aspirations, and passions while further developing as English Language Arts learners.

ALL GRADE 10 OPTIONS INCLUDE ESSAY WRITING, NOVEL STUDIES, AND PRESENTATIONS.

THESE SEMESTERED COURSES HAVE BEEN COMBINED INTO THE FOLLOWING FULL-YEAR OPTIONS:

Literary Studies and Composition 10 PKG--10I

- In this course students will study literature through a thematic approach and may include genres such as novels, short stories, drama, and poetry.
- Students will explore, extend, and refine their writing. They will develop their craft through processes of drafting, reflecting, and revising to build a body of work that demonstrates breadth, depth, and evidence of writing for a range of situations.

Literary Studies and Creative Writing 10 PKG--10K

- In this course students will study literature through a thematic approach including genres such as novels, short stories, drama, and poetry.
- The course provides students with in-depth opportunities to become better writers through the exploration of personal and cultural identities, memories, and stories in a wide range of genres.

New Media (film) and Creative Writing 10 PKG--10G

- This course will look at the English core competencies through the lens of modern film and literature. We will examine current literature and film that showcases young adults searching for identity and meaning in different cultures and socioeconomic circumstances around the world.
- Students will write poems, songs, short stories, short plays, and experiment with the basics of screen writing. Within the artistic process, modern media and literature examples will be used as a source of inspiration.

New Media (Modern) and Creative Writing 10 PKG--10J

- This course will look at the English competencies through the lens of film and modern media. We will examine film, television, social media, advertisement, music and other mediums that showcase young adults searching for identity and meaning in different cultures and socioeconomic circumstances. Students will write film reviews, songs, short stories, and experiment with the basics of screenwriting.

New Media Lab and Composition 10 PKG--10H

- The New Media Lab is a hands-on, real-world exploration of media in the online age. We will run an actual media website, producing engaging content for a general audience.
- Journalism topics, including sports, gaming, beauty, music, style, technology, are produced in a writing workshop to produce high quality work for publication.
- By term 2, students will select work roles within our class including Social media strategy, Graphic design and illustration, Editorial leadership, Blogging, Current Events.
- Students will write journals, memoirs, podcasts, persuasive essays, editorials, and investigative journalism articles.
- Students will read novels, articles, poems, and listen to podcasts, interviews, songs, and film.

Spoken Language and Composition 10 PKG--10L

- In this course, students will develop their spoken communication through processes of questioning, exploring, and sampling. Students will individually and collaboratively study, draft, and use language to create original pieces in a variety of modes. This area of choice will also provide students with opportunities for storytelling, debates, and public speaking.
- Students will also develop their written communication through a critical process of questioning, exploring and sampling. Within a community of writers, students will work collaboratively and individually to explore and create coherent, purposeful compositions. Students will be introduced to varied structures, forms and styles of composition.

English Language Arts 11

- **STUDENTS MUST TAKE 1 OF THE FOLLOWING COURSES FOR GRADUATION:**

IN EACH OF THE FOLLOWING COURSE OPTIONS, STUDENTS WILL READ NOVELS, WRITE ESSAYS, AND GIVE PRESENTATIONS.

Composition 11 MCMCC11

- This English Language Arts course is designed to support students as they refine, clarify, and adjust their written communication through practice and revision. Students will read and study compositions by other writers and be exposed to a variety of styles as models for the development of their writing. The course provides opportunities for students to study, create, and write original and authentic pieces for a range of purposes and real-world audiences. They will expand their competencies through processes of drafting, reflecting, and revising to build a body of work that demonstrates expanding breadth, depth, and evidence of writing for a range of situations. They will develop confidence in their abilities as they consolidate their writing craft.

Creative Writing 11 MCTWR11

- This English Language Arts course will present the curricular competencies through the lens of creative writing. Students will have the opportunity to write short stories, short film screenplays, song lyrics and poetry, critical film and literature reviews, and graphic short novels. A wide variety of literature and film will be explored in class.

Literary Studies 11 (Understanding Ourselves and the World)

MLTST11

- This English Language Arts course allows students to delve deeply into a variety of literature from around the world. This course includes 4 thematic units: 1. The Power & Purpose of Storytelling, 2. Culture & Belonging, 3. Point of View & Self Expression, and 4. Ethics & Decision Making. Each unit includes multi-genre content (novels, drama, poetry, short stories, speeches, talks) from a wide range of authors. Students will explore and respond to texts, respectfully exchange ideas and viewpoints, and write for a variety of purposes and audiences.

Literary Studies 11 (Genre Studies)

MLTST11DC1

- This English Language Arts course includes in-depth studies of world literature in the genres of short stories, drama, novels, and poetry. Themes of social justice, cultural, and personal identity are explored. Written work focuses on connecting students' personal responses with texts and the world they live in through journals, poetry, and literary /expository essay writing.

New Media Film 11

MNMD-11

- This English Language Arts course will present the curricular competencies through the lens of new media. A key component of this course will be an extensive study of International cinema with a focus on narratives about young adults navigating an increasingly complex, challenging, and culturally diverse world. Students with a passion for film will enjoy the wide variety of films studied in class.

Spoken Language 11 (Dramatic Arts) MSPLG11

- This English Language Arts course will explore the curricular competencies through drama and other spoken language forms (verse, spoken word, debate). It is designed to support students as they refine, clarify, and adjust their spoken communication through practice and revision. The course provides opportunities for students to study, create, write, and present original and authentic pieces for a range of purposes and real-world audiences. They will expand their competencies through processes of drafting, reflecting, and revising to build a body of work that demonstrates expanding breadth, depth, and evidence of spoken language genres for a range of situations. They will develop confidence in their abilities as they consolidate their reading, writing, and spoken language skills.

Electives (OPEN TO GRADE 11/12 STUDENTS)

Psychology 11

YPSYC1A

Familiarization with the major areas and concepts of psychology including Human Development, Learning and Language, Personality, Psychopathy, Psychotherapy, and Research Processes through lectures, discussions, speakers, films, research papers, case studies, and written reports. Students should possess good reading and writing skills and at least a C standing in academic English.

English 12

Students must take one of the following courses for Graduation:

English Studies 12

MENST-12

- The required English Studies 12 course builds on and extends students' previous learning experiences in ELA courses. It is designed for all students and provides them with opportunities to:
 - refine their ability to communicate effectively in a variety of contexts and to achieve their personal and career goals
 - think critically and creatively about the uses of language
 - explore texts from a variety of sources, in multiple modes, and that reflect diverse worldviews
 - deepen their understanding of themselves and others in a changing world
 - gain insight into the diverse factors that shape identity
 - appreciate the importance of self-representation through text
 - contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples
 - expand their understanding of what it means to be educated Canadian and global citizens

English First Peoples 12

MENFP12

- EFP 12 builds upon and extends students' previous learning experiences in ELA courses. The course is grounded in the First Peoples Principles of Learning. It is designed for all students, Aboriginal and non-Aboriginal, who are interested in delving deeply into First Peoples oral and written literature and visual texts in a range of media. The course focuses on the experiences, values, beliefs, and lived realities of First Peoples as evidenced in various forms of text, including oral story, poetry, song, performance, film, and prose. A key feature of the course is its focus on authentic First Peoples voices (i.e., historical or contemporary texts created by or with First Peoples). In EFP 12, all students:
 - examine texts grounded in a diversity of First Peoples cultures, including local First Nations or Métis communities
 - extend their capacity to communicate effectively in a variety of contexts
 - think critically and creatively about the uses of language
 - deepen their understanding of themselves and others in a changing world
 - gain insight into the diverse factors that have shaped and continue to shape their own identities
 - appreciate the importance of self-representation through authentic First Peoples text
 - contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples
 - expand their understandings of what it means to be educated Canadian and global citizens

AP English Literature & Composition 12

AELC-12

This course is for students who are passionate about reading, writing, and exploring the world of literature, including First People's Literature, through multiple lenses at a college/university level. Students prepare for university level discourse, reading and writing. In AP, students will learn to analyze and interpret imaginative literature through the careful reading and critical analysis of representative works from various genres and periods; explore literary elements such as a work's structure, style and themes, as well as the use of figurative language, imagery, symbolism and tone; develop writing skills as one expresses his/her ideas and analysis in expository, analytical and argumentative essays. Students who write the May AP exam and receive a level 4 are given English credit for first year university at SFU, UBC, UVIC, colleges in USA and various colleges and universities across Canada. Students must check with post-secondary institutions regarding current credit guidelines. The cost of the AP exam is approximately \$150 (depending on US exchange).

Senior English Electives (Open to Grade 12 Students)

Creative Writing 12

MCTRW12

This engaging elective course is for students with a strong interest in a variety of creative writing styles, skills, and applications. The focus will be on writing experimental short prose, traditional and postmodern short stories, song writing and poetry, film screenplay, critical film review, and graphic novel. To enhance the writing process, students will be exposed to influential literature, music, and film from primarily the 21st century. Students with a passion for film will enjoy the array of modern films presented in class.

Literary Studies 12 (English Literature by Era)

MLTST12

Heroism, courage, war, betrayal, love, compassion, identity, humanity: these are a few of the global ideas examined in this course which will introduce you to through the cannon of English literature across the ages. The works we study come to life through reading, writing, music, film, drama, debating, and feasting. This course is open to all students, and is especially useful for those going on to post-secondary studies.

SUMMIT

SUMMIT English 8

Description: The Summit English 8 program is an introduction to Autonomous Learning program. By means of novels, poetry, short stories, drama, and writing experiences, the students are encouraged to begin taking responsibility for their own learning. Social skills are developed and enhanced to facilitate group learning skills. Students are encouraged to become learners rather than just students, and assignments and activities in the course are designed with that goal in mind. This course enriches the English curriculum through in depth studies based on the Advanced Placement vertical teams approach.

SUMMIT English 9

Description: The Summit English 9 program continues the development started in Grade 8. Using the delete English curriculum and enriched activities, higher level thinking skills are integrated, reinforced, and demonstrated in the learning process. Students become increasingly actively involved in their learning, and through community involvement, learning and questioning techniques, and peer interaction, students are encouraged to develop new and unique products. This course enriches the English curriculum through in depth studies based on the Advanced Placement vertical teams approach.

SUMMIT English 10 (Composition and Literary Studies)

Description: The Summit English 10 program further extends the goals of Grades 8 and 9. By this point, autonomous, self-directed study should be ingrained in the learner. Students will use varied resources in the development of in-depth studies. Content topics are broad-based, with emphasis on major themes, problems, issues and ideas. Students should leave the Summit English program as capable learners and communicators. Students will write the provincial exam for this course worth 20% of the student's overall mark. This course enriches the English curriculum through in depth studies based on the Advanced Placement vertical teams approach.

ENGLISH LANGUAGE LEARNERS (ELL)

All attempts to place students at the appropriate ELL level is made at the beginning of the year and no movements are made after October.

Level 1	Students have an approximate reading grade equivalent (GE) of 0 - 2.5
Level 2	Students have an approximate reading GE of 2.5 – 3.5
Level 3	Students must have a writing sample, listening and oral skills at Level 3 matrices or higher or and an approximate reading GE of 3.5 – 5.0
Level 4 / Transitional	Students must have a writing sample, listening and oral skills at Level 4 matrices or higher and an approximate reading GE of 5.0 – 7.0

Academic Strategies for ELL (mandatory for students in their first year in “Regular” ELA courses)

The course is designed to familiarize and extend a student’s abilities to use various strategies independently in order to meet the Learning Outcomes and be successful in content-based courses such as English, Social Studies and Science. Students will move from **Personal Writing, to Writing for a discipline, and Writing for publication**. Other areas of study included each term include style and syntax, composition forms, and oral language work.

ELL English Writing Level 1 & 2

At this basic level of English, the emphasis is on acquiring vocabulary, and writing simple sentence structures. The focus of the course will be introducing grammar, spelling and vocabulary, the various types of sentences, structures, punctuation and capitalization. Students will also work on writing simple paragraphs, journal writing, and learning how to print / hand write.

ELL English Reading Level 1 & 2

At this basic level of English, the emphasis will be on expanding vocabulary knowledge through reading of short stories and current event articles from The Westcoast Reader and other adapted newspaper resources. The learning of phonetics will serve as a foundation for the development of oral language.

ELL English Writing Level 3

Students at this level will continue to learn more advanced grammar along with developing a more extensive vocabulary. The emphasis will be placed on writing more complex sentences and paragraphs, and learning more about the writing process and the different writing styles.

ELL English Reading Level 3

Students at this level will begin to read more advanced short stories and novels. Current events will be introduced through local newspapers adapted to their level. Oral reading and presentations will be a continued focus.

ELL Social Studies Level 1 & 2

This course is designed to study English through the Social Studies content area. Canadian geography, basic knowledge of major Canadian cities, Canadian holidays & celebrations, First Nations culture, and the early Pioneer settlers will be covered at this level.

ELL Social Studies Level 3

This course is designed to study English through the Social Studies content area. A more in depth study of Canada will be introduced at this level. The focus will be on Canadian landmarks and their importance on Canadian history, government, industries, and the First Nations people.

Transitional English

This course covers advanced grammar and composition, and introduction to short stories, poetry and Shakespeare. Students at this level will be involved with more oral presentations and composition writing. The focus of this course is to prepare students for the regular English program. Students will receive credit for either English 8, English 9, or English Literary Studies and Composition 10, depending on their age/grade level.

Transitional Social Studies

This course is designed to study English through the Social Studies content area. The Big Ideas for this course include: 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. Students will receive credit for either Socials 8, Socials 9, or Socials 10 depending on their age/grade level.

FRENCH IMMERSION

The secondary component of the French Immersion program at Vancouver Technical Secondary provides students from both late and early French Immersion the opportunity to continue their studies in French and to continue the development of higher level thinking and verbal skills in their second language.

Successful graduates of the full program at the end of Grade 12 receive a Bilingual Graduation Certificate in addition to the provincial “Dogwood” certificate.

Français Langue 8

Description: This language course focuses on oral and written expression and reading and listening skills. Four basic verb tenses will be reviewed and new tenses introduced. Vocabulary will be enriched, allowing for more complex communication. This class will be conducted in French and students are expected to communicate only in French. This course is only available to students registered in the French Immersion program.

Sciences Naturelles 8

Textbook: Sciences 8 C-B – les Editions de la Cheneliere

Description: Four major units will be explored: cells and life processes, kinetic molecular theory and atomic theory, energy (particle and wave), and plate tectonics. Instruction is in French and students are expected to communicate only in French. This course is the only available option to students registered in the French Immersion program.

Sciences Humaines 8

Texts: Les sentiers de la civilisation - Les chemins de la civilisation

Description: The curriculum covers political and physical geography of the world, as well as world religions. In history, topics covered include the beginnings of Chinese and of African civilization, the Middle Ages in Western Europe, the history of the Middle East to the Crusades, the Crusades, the Renaissance and the first contact between Europeans and First Nations. This course is taught entirely in French and students are expected to communicate only in French. This course is only available to students registered in the French Immersion program.

French Immersion Communications 8

This course aims mainly at improving students’ speaking skills through creative and original work. Students will be involved in a number of oral and written projects including oral presentations, interviews, debates and theatre. Group projects are a key component of the course. This class will be conducted in French and students are expected to communicate only in French. This course is only available to students registered in the French Immersion program.

French Immersion Skills 8 / Centre D’Orthopedagogie

Referred: Elementary School Based Teacher

Increased academic success and development of study, memory, note-taking and test-taking strategies. Small individual instruction given of a tutorial nature. Provides support for all academic courses including those taken in French. This course will replace the Applied Skills 8 elective course. This class will be conducted in French. This course is only available to students registered in the French Immersion program.

Français Langue 9

Description: This language course aims at the four basic skills with emphasis placed on grammar, composition, creative writing, and literature. Regular oral participation is stressed. This course is taught entirely in French and students are expected to communicate only in French. This course is only available to students registered in the French Immersion program.

Sciences Naturelles 9

Textbook: Sciences 9 C-B – Les Editions de la Cheneliere.

Description: The curriculum covers units on reproduction, characteristics of electricity, the interconnected matter and energy cycles, elements and compounds. Instruction is in French and students are expected to communicate only in French. This course is the only available option to students registered in the French Immersion program.

Sciences Humaines 9

Texts: A la croisée des chemins - Les Origines du Canada - Chemins de la civilization II

Description: The curriculum covers the English, American, French and industrial revolutions. The physical and political geography of the Americas. The European explorers and the colonization of New-France. It also covers the origins of the human migration in the Americas and the evolution of Native cultures throughout the continent. This course is taught entirely in French and students are expected to communicate only in French. This course is only available to students registered in the French Immersion program.

French Immersion Communications 9

This course aims mainly at improving students' speaking skills through creative and original work. Students will be involved in a number of oral and written projects including oral presentations, interviews, debates and theatre. Group projects are a key component of the course. This class will be conducted in French and students are expected to communicate only in French. This course is only available to students registered in the French Immersion program.

Education a la vie Professionnelle 10

Description: Career Life Education (CLE) has replaced *Planning 10*—this course is intended to provide a personalized, flexible approach to career and life learning as students determine their next steps, post-graduation. Career Education learning should connect to learning in other curricular areas and interdisciplinary connections should be encouraged for students. This course is a mandatory course for graduation and is prerequisite to the completion of Career Life Connection (CLC) and the Capstone project in Grad 11 and 12. The personal, integrated post-graduation plan and capstone or culminating project will require on-going support for students and this should include multiple teachers, mentors, community and family participation. As reflection is a key learning strategy for students, this competency will require nurturing over time. The culminating project should be presented to an audience to allow students to share and celebrate their learning within their community. This course is only available to students registered in the French Immersion program.

Français Langue 10

Description: This course will continue to refine the students' knowledge of the French language, literature, and culture. Regular oral participation is stressed. The students will be able to recognize and appreciate the role of story, narrative, and oral tradition in expressing First Peoples' perspectives, values, beliefs, and points of view. This course is taught entirely in French and students are expected to communicate only in French. This course is only available to students registered in the French Immersion program.

Sciences Naturelles 10

Textbook: Sciences 10 C-B – les Editions de la Cheneliere

Description: Four major units will be explored: genetics, chemistry, energy, and astronomy. Instruction is in French and students are expected to communicate only in French. This course is the only available option to students registered in the French Immersion program.

Sciences Humaines 10

Text: HORIZONS : L'ÉMERGENCE DE L'IDENTITÉ CANADIENNE

Description: The curriculum covers: Canada from the conquest to Confederation. It includes BC history, the rebellion of 1837-1837, the Riel rebellion and the making of Confederation. We also cover interpretation of maps and graphics and the geography of Canada. Finally, the emergence of Canada as a nation through World War I and the post-war era and the Great Depression. This course is taught entirely in French and students are expected to communicate only in French. This course is only available to students registered in the French Immersion program.

Français Langue 11

FLCF-11

Description: The main objective of this course is to fashion the students' French into an increasingly sophisticated tool of communication and thought. Students will read French Literature from different Centuries. The course allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works. They will be able to recognize and understand the role of story, narrative, and oral tradition in expressing First Peoples' perspectives, values, beliefs, and points of view. This course is taught entirely in French and students are expected to communicate only in French. This course is only available to students registered in the French Immersion program.

Justice Sociale 11

FSJF-12

Text: CONTRASTES: DÉBATS ET ENJEUX CANADIENS – OTHER MATERIALS COVERING WORLD CONFLICTS

Description: The curriculum covers: Canada in the Second World War and its geopolitical consequences. Canada from 1945 to 1990, the rise of nationalism in Quebec in the 1960s and 70s. The Government and its institutionalized Justice system. Human geography and world conflicts. This course is taught entirely in French and students are expected to communicate only in French. This course is only available to students registered in the French Immersion program.

Français Langue 12

FFRAL12

Description: Through the study, analysis, and comparison of key texts, students will be given the opportunity to explore and compare some of the main ideas underlying the 20th century. They will be able to understand and appreciate the role of story, narrative, and oral tradition in expressing First Peoples' perspectives, values, beliefs, and points of view. Students are regularly expected to present a critical summary of their readings, and write a number of essays. This course is taught entirely in French and students are expected to communicate only in French. Students need to register for it early in the year. This course is only available to students registered in the French Immersion program.

BA Peer Tutoring 11

YFIPS1A

French Immersion Peer Tutoring 11 (open to both grade 11 and 12 FI students)

This full year course was recently Board Authorized Approved and offers 4 credits to an Immersion student. *This course will appear on your transcript as a French Immersion credit, but will be very similar to regular Peer Tutoring 11 (assessment will be based on journal entries, good attendance and participation and role-modelling the use of the French language). As a French Immersion peer tutor you will be trained and offer you tutoring skills in the French Immersion Skills class to junior French Immersion students in the 4 Immersion subject areas.

A large component of this course is based on a desire to help others and the ability to be a positive French-speaking role model. French Immersion Peer Tutors will become experts in study and success strategies such as memory skills, note taking, organization, studying methods, time management, etc, and work with younger students either one on one or in small groups.

A prerequisite for this course is successful completion of grade 10 French Immersion courses (a B or higher in French Immersion Language Arts 10 is recommended) and approval by the French Immersion department and/or French Immersion skills teacher. This course is only available to students registered in the French Immersion program.

**Please note: this course may be taken in addition to the 2 grade 11 French Immersion courses but cannot replace either French Immersion Language Arts 11 or French Immersion Social Studies 11 for graduation requirements.*

LANGUAGES

Students who already have some basic language skills in one of the offered languages and wish to pursue further studies in that language will be required to write a Placement Test, so they can be enrolled in the appropriate course level. In-school Placement Testing usually occurs in the Spring so that students can make an accurate choice of language level for their course selection for the next school year. Please contact the school for more information.

FRENCH

French 8 MFR--08

Description: FR 8 is an introductory course with emphasis on communication and basic elements of French Grammar. Students share information about themselves, their school, their interests and their world.

French 9 MFR--09

Description: This course continues to focus on communication and expands on the basic elements of French Grammar. Communication skills are expanded. Students' confidence in oral ability increases as they learn to communicate with greater ease about themes relevant to their lives.

French 10 MFR--10

Description: In French 10, language is learned through integration of all aspects of communication: speaking, reading, writing and listening. The activities are active and meaningful and are designed to help students communicate about topics that are drawn from their own experience.

French 11 MFR--11

Description: This is an intensive course in which students will discover more about themselves and others through oral and written communication. It is for any student interested in learning French for pleasure, continuing the study of the language, and/or improving their preparation for the job market.

French 12 MFR--12

Description: This is a senior course in which students will be required to master many of the finer points of grammar and composition, and attain a higher level of oral proficiency in order to improve their communication skills.

MANDARIN

Mandarin 9 MMAN-09

Description: This is an introductory course, including learning the pronunciation of the language and simple everyday conversation. Written and oral activities will involve both culture and customs of the language. Students must be tested prior to signing to ensure proper placement.

Mandarin 10 MMAN-10

Description: This is a continuation of the Grade 9 course, greatly extending the vocabulary and increasing the focus on sentence structures. All students not previously enrolled in Mandarin must be tested prior to signing up to ensure proper placement.

Introductory Mandarin 11 MBMAN11

Description: Beginning Mandarin 11 is an introductory one-year course for senior students who want to sample another language and have not been able to study Mandarin 9 in grade 9 or 10. This course may lead to Mandarin 11. There is a strong emphasis on everyday communication using basic grammar and vocabulary. Written and oral activities will involve both culture and customs of the language. All students will do a placement test before entering the Mandarin program.

Mandarin 11 MMAN-11

Description: This course is based on the IRP curriculum approach, greatly extending the vocabulary and grammar with increasing difficulty in the subject matter. Two hundred and fifty written characters will be introduced at this level.

Mandarin 12 MMAN-12

Description: This course is designed to increase students ability to communicate in Mandarin and to develop an understanding of the values, customs and other elements of Chinese culture. Grammar points and composition skills will be emphasized at this level.

SPANISH

Spanish 9

MSP--09

Description: Spanish 9 is a first year course providing the student with a basis for further study in the language by developing each of the language skills: listening comprehension, speaking, reading and writing. Emphasis is on communication in everyday situations.

Spanish 10

MSP--10

Description: Spanish 10 builds on the communication skills and culture acquired in Spanish 9, introducing more vocabulary and more complex grammar. The student achieves a higher level of proficiency in oral and written communication. Supplementary readers are used to provide a cultural context to the vocabulary taught.

Introductory Spanish 11

MBSP-11

Description: Beginning Spanish 11 is an introductory one-year course for senior students who want to sample another language and have not been able to study Spanish 9 in grade 9 or 10. This course may lead to Spanish 11. The emphasis is on everyday communication about students and their world, using basic grammar and vocabulary.

Spanish 11

MSP--11

Description: In Spanish 11, students communicate about their lives and the world around them, using more complex structures. They are expected to show mastery in oral, aural, reading, and writing skills. Culture is also discussed in class, along with current events.

Spanish 12

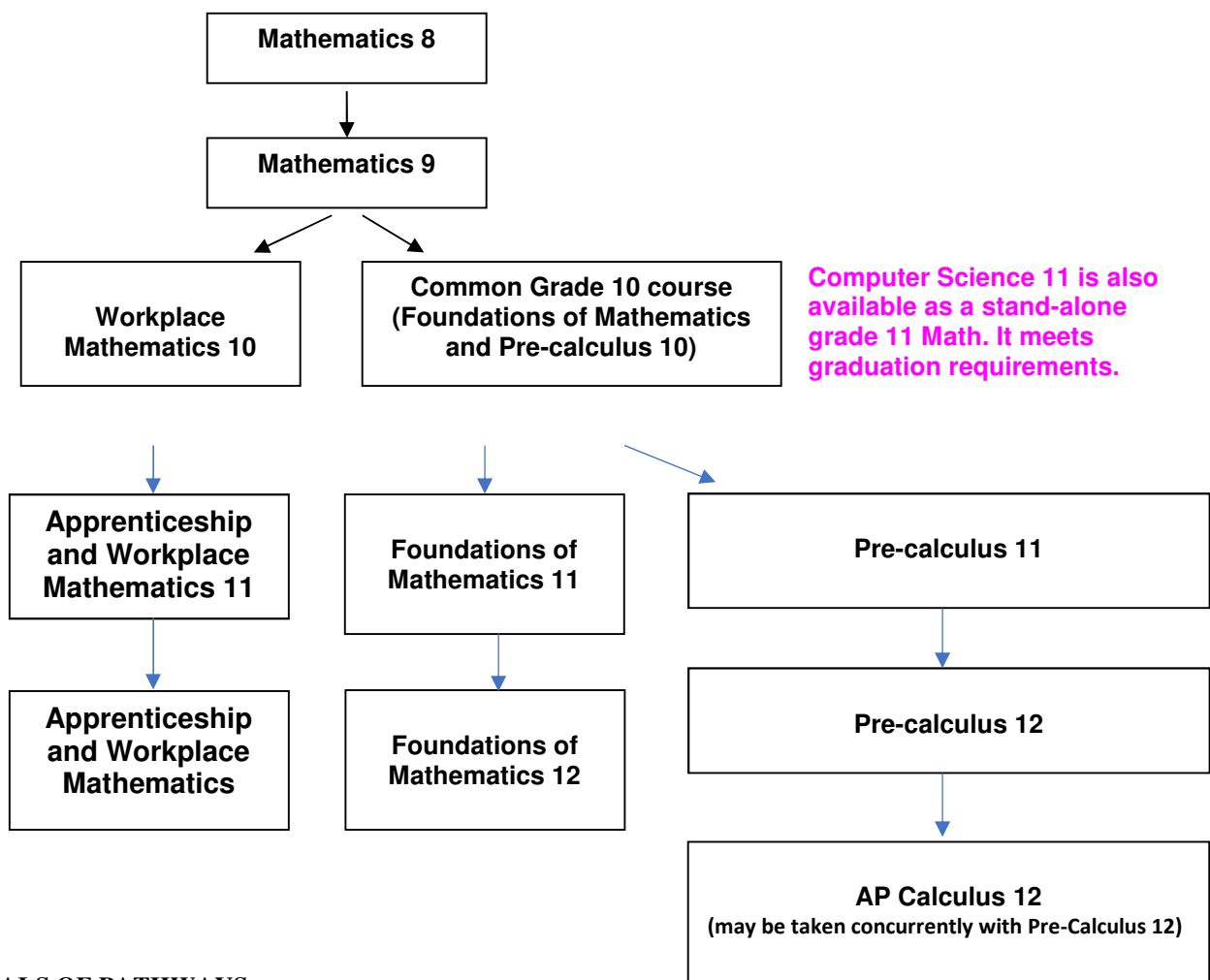
MSP--12

Description: Spanish 12 builds on all language elements and language learning skills practiced in Spanish 9 to 11, adding many of the finer points of grammar and composition. It is expected that students will attain a high level of oral proficiency, and be willing to take risks in order to improve their communication skills.

MATHEMATICS

Students graduating in 2013 or later complete a common mathematics curriculum up to end of grade 9. In grade 10, they must choose between two different pathways and in grades 11 and 12 they must choose between three different pathways. The pathways are: Workplace Mathematics, Foundations of Mathematics, and Pre-calculus. A common Grade 10 course (Foundations of Mathematics and Pre-calculus, Grade 10) is the starting point for the Foundations of Mathematics pathway and the Pre-calculus pathway. Each topic area requires that students develop a conceptual knowledge base and skill set that will be useful to whatever pathway they have chosen. The topics covered within a pathway are meant to build upon previous knowledge and to progress from simple to more complex conceptual understandings. In general, a course in a particular pathway only provides suitable preparation for the subsequent course in the same pathway.

The three pathways for 2019-2020 are outlined in the diagram below. There will be new courses offered at the grades 10 and 11 levels starting in September 2019.



GOALS OF PATHWAYS

The goals of all three pathways are to provide prerequisite attitudes, knowledge, skills and understandings for specific post-secondary programs or direct entry into the work force. All three pathways provide students with mathematical understandings and critical-thinking skills. It is the choice of topics through which those understandings and skills are developed that varies among pathways. When choosing a pathway, students should consider their interests, both current and future. Students, parents and educators are encouraged to research the admission requirements for post-secondary programs of study as they vary by institution and by year.

*Partially replicated from WNCPC Common Curriculum Framework document 2008:

<http://www.wncpc.ca/media/38771/math10to12.pdf>

GRADES 8 and 9

Students entering Grade 8 are placed based upon the recommendations of their Grade 7 teacher and/or results obtained on placement testing.

Mathematics 8

MMA--08

Description: Students will study rational operations, equation solving, graphing, exponents and roots, scientific notation, measurement, financial literacy, probability and data analysis.

Mathematics 9

MMA--09

Description: Students will study exponents, operations, factoring, equations, inequalities, similarity, transformations, trigonometry, financial literacy and probability.

GRADE 10

Workplace Mathematics 10

MWPM-10

Description: Workplace mathematics 10 is designed to provide students with the mathematical understanding and critical thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include understanding and apply the metric and imperial systems to the measurement of 2-D and 3-D objects, geometry, trigonometry, and the fundamentals of income, spending, and debt. At the end of this course, students are prepared to take Apprenticeship and Workplace Mathematics 11.

Foundations of Mathematics and Pre-Calculus 10

MFMP-10

Description: Foundations and Pre-Calculus 10 is intended to provide students with mathematical understanding and critical thinking skills identified as beneficial for post-secondary studies in both the arts and the sciences. Topics include surface area and volume of 3-D objects, applying trigonometric ratios to right triangles, irrational numbers, powers involving integral and rational exponents, polynomials, co-ordinate geometry with linear relations, system of linear equations, and function notation. At the end of this course, students are prepared for Apprenticeship and Workplace 11, Foundations of Mathematics 11, and/or Pre-Calculus 11.

GRADE 11

Apprenticeship and Workplace Mathematics 11

MWPM-11

Description: This course is designed to provide students with the mathematical understanding and critical-thinking skills identified for entry into the majority of trades, via a technical college or a trade school, and for direct entry into the workforce. Topics studied include measurement, financial concepts, geometry, and trigonometry. This course provides students with the graduation requirement in mathematics.

Foundations of Mathematics 11

MFOM-11

Description: This course is designed to provide students with the mathematical understanding and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Typically, a student would be planning to enter a college or university in a social sciences, humanities, or fine arts program. Topics studied include logic, geometry proofs, linear systems, quadratic functions, and statistics. This course gives students the graduation requirement in mathematics. (There is not a large overlap between this course and Pre-calculus 11; some students may wish to take both courses).

Pre-Calculus 11

MPREC11

Description: This course is designed to provide students with the mathematical understanding and critical-thinking skills identified for entry into post-secondary studies in programs that require the study of theoretical calculus. Typically, a student would be planning to enter a college or university in a mathematics, science, engineering, computer science, medicine, or commerce program. The main areas of study are mathematical functions and sequences and trigonometry. This course gives students the graduation requirement in mathematics. (There is not a large overlap between this course and Foundation of Mathematics 11, some

students may wish to take both courses).

Computer Science 11

MMACS11

Computer Science is the study of how computers solve problems. Students will learn to break down complex problems, construct algorithms and program solutions. Students will use computational thinking to solve problems. A unique partnership with Microsoft Educational Foundation (TEALS program) will partner working professionals with the classroom teacher to give students access to industry leading knowledge.

GRADE 12

Apprenticeship and Workplace Mathematics 12

MAPPR12

Description: This extends the topics covered in *Apprenticeship and Workplace Mathematics 11* and is designed to provide students with the mathematical understanding and critical-thinking skills identified for entry into various trades, via a technical college or a trade school, and for direct entry into the workforce. Topics studied include measurement, financial concepts, geometry, and trigonometry. Concepts related to the study of probability and statistics are also introduced.

Foundations of Mathematics 12

MFOM-12

Description: This course extends *Foundations of Mathematics 11* and is designed to provide students with the mathematical understanding and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Typically, a student would be planning to enter a college or university in a social sciences, humanities, or fine arts program. Topics studied include logic, geometry proofs, linear systems, quadratic functions, and statistics. Because there is not a large overlap between this course and *Pre-calculus 12*, some students may wish to take both courses.

Pre-Calculus 12

MPREC12

Description: This course extends *Pre-calculus 11* and is designed to provide students with the mathematical understanding and critical-thinking skills identified for entry into post-secondary studies in programs that require the study of theoretical calculus. Typically, a student would be planning to enter a college or university in a mathematics, science, engineering, medicine, or commerce program. The main areas of study are mathematical functions and sequences and trigonometry. This course gives students the graduation requirement in mathematics. Because there is not a large overlap between this course and *Foundations of Mathematics 12*, some students may wish to take both courses.

AP Calculus 12

ACAL-12

Description: This course prepares students for university calculus. Students may choose to write an examination that offers the opportunity for advanced placement and course credit at the university level. There is a fee for this exam.

SUMMIT

SUMMIT Mathematics 8, 9 and 10

Part of the Summit Program, this math program covers all the topics in the MA 8, MA 9 and MA 10 curricula. In addition, students will participate in math contests and work on projects. Where appropriate, students may accelerate and complete MA 8, MA 9, MA 10, and MA 11 in 3 years.

SCIENCES

GRADE 8 to 10

MSC--08, MSC--09, MSC--10

The Science 8, Science 9 and Science 10 courses are organized so that the three courses together are an introduction to the major fields of Science.

	Science 8	Science 9	Science 10
Course Code	MSC-08	MSC-09	MSC-10
Topics	<ul style="list-style-type: none">•Cells•Kinetic Molecular Theory and Atomic Theory•Energy Transfer•Plate Tectonics	<ul style="list-style-type: none">• Cells & Reproduction• Chemical Nature of Atoms• Electricity• Matter & Energy in the Biosphere, Hydrosphere & Atmosphere	<ul style="list-style-type: none">•Genetics & the Diversity of Life•Chemical Reactions & Energy of Reactions•Energy Conservation & Transformation•Astronomy (Formation of the Universe)

Science 8, 9, and 10 also include the following processes & skills of Science: safety, scientific method, representing and interpreting scientific information, scientific literacy, ethical behavior and cooperative skills, application of scientific principles, and the use of science-related technology. Teachers may provide optional workbooks for a \$15 fee.

SUMMIT SCIENCE 8, 9 and 10

The Summit Science program will take the concepts noted above and condense them into two years of study. In the grade 10 year, students will complete Chemistry 11.

GRADE 11 & 12

SPECIALIZED SCIENCE 12: ASTRONOMY

MSPSC12

Fee: Students will need to spend up to \$35 for materials to build their own simple telescope.

Description: The fundamentals of Astronomy are covered in this survey course. Topics include the history of Astronomy and space exploration; stars, galaxies and the large structure of the universe; cosmological history; dark matter and energy; astrobiology; observational instruments and techniques. There will be a small math component to some aspects of the course.

LIFE SCIENCES 11

MLFSC11

Fee: Optional field expense & optional workbook \$15

Text: Biology (2010), Miller & Levine

Description: Life Science, also known as Biology, is the study of living things. Life Sciences 11 explores the characteristics of living things in general and introduces some of the major fields of Biology, including Evolution, Genetics, Taxonomy (classification of living things), Microbiology (viruses & bacteria), Animal Biology, Plant Biology, and Ecology (interactions between living things). The course includes hands-on labs, nature walks, and dissection activities. Alternate assignments are available for students who do not wish to perform dissections for ethical reasons. The course involves reading outside of class time and lots of new vocabulary.

CHEMISTRY 11

MCH--11

Fee: Optional workbook (up to \$40).

Description: Topics covered in this course include: Introduction to chemical processes, dimensional analysis, the mole concept, stoichiometric calculations, atomic structure and periodic trends, chemical bonding, solution chemistry, introduction to organic chemistry, and analysis techniques in chemistry. **Students are required to have a scientific calculator.**

PHYSICS 11

MPH--11

Fee: BC SNAP Physics 11 (Optional fee (up to \$30) to use as a workbook)

Description: Physics is often called the “key science” because it is concerned with the basic laws of nature. It stimulates the imagination and teaches the student to observe the world with a new sense of wonder and awe. The study of Physics is excellent mental training. Topics studied in the Physics 11 course include: Kinetics, Dynamics, Work, Energy, Power, & Electrical Circuits. Additional topics will include two of the following: Wave Motion & Optics, Special Relativity, and Nuclear Physics. ***Students are required to supply their own graph paper, calculator and geometry set.***

SCIENCE FOR CITIZENS 11

MSCCT11

Fee: Optional field expense

Description: Science for Citizens 11 is ideal for students who don't wish to specialize in one particular branch of science and prefer hands-on activities rather than theory. It is a lab and project-based course that covers units such as Forensics, Natural Disasters & Preparedness, Health & Nutrition, Household & Workplace Chemistry, Agriculture, Natural Resources, Climate Change, Materials Science, and Scientific Literacy. Science for Citizens 11 requires regular attendance and participation, as most activities are designed to be completed in class. Science for Citizens 11 meets the senior science requirement for graduation, and is intended for students who do not wish to pursue science courses beyond the Grade 11 level.

ANATOMY AND PHYSIOLOGY 12

MATPH12

Description: This challenging course is designed to cover cell biochemistry, genetics, and physiology. A large portion of this course involves the study of human physiology with an in-depth examination of some of the major systems. The laboratory part of the course includes a major dissection.

CHEMISTRY 12

MCH--12

Fee: Optional workbook (up to \$40). Optional field expense.

Description: This course builds on students' knowledge and fundamental understanding that they have acquired in Chemistry 11. Through inquiry, laboratory experiments, and project-based learning, this course extends and refines students' skills for conducting scientific investigations. "Big Ideas" for this course include Reaction rate, Dynamic Equilibrium, Saturated solutions, Acid or base strength, and Oxidation and reduction. ***Students are required to have a scientific calculator.***

GEOLOGY 12

MGEOL12

Fee: Optional field expense

Description: Geology is the study of the Earth, its history, and the materials from which it is made. Students will explore the subject through laboratory experiments, hands-on work with rock and fossil samples, and a final project. The “Big Ideas” of Geology 12 include mineral and rock formation, the evidence of geological history, plate tectonic theory, and the shaping of Earth's surface by weathering and erosion.

PHYSICS 12

MPH--12

Fee: BC SNAP Physics 12 (Optional fee (up to \$30) to use as a workbook)

Text: Grade 12 Physics & BC SNAP Physics 12

Description: Topics for the Physics 12 course include: Vectors (components and resultants, motion in two dimensions, collision and projectile problems); Universal Gravitation; Electrostatics; Electromagnetism. ***Students are required to have a scientific calculator.***

SOCIAL STUDIES

Social Studies 8

MSS--08

This course introduces students to world history from the 7th century to 1750. Through selected studies, Students are expected to know the following: social, political, and economic systems and structures, including those of at least one indigenous civilization, scientific and technological innovations, philosophical and cultural shifts, interactions and exchanges of resources, ideas, arts, and culture between and among different civilizations, exploration, expansion, and colonization, and changes in population and living standards

Social Studies 9

MSS--09

This course introduces students to world history from 1750 to 1919. Through selected studies, Students are expected to know the following: 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, and physiographic features of Canada and geological processes

Social Studies 10

MSS--10

This course introduces students to Canada and World History from 1919 to Present. Through selected studies, Students are expected to know the following: 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, and truth and reconciliation in Canada

GRADE 11 & 12

If you are graduating in 2019-2020, you must have completed one the courses below

Asian Studies 12

MASIA12

This new course focuses on countries in the Asian continent through the lenses of human and physical geography, history, economics, and political science, to aid in the understanding of the diverse cultures and regions within. The self-motivated learner will examine various conflicts and movements that have helped shape Asian identities throughout the 19th, 20th, and 21st centuries, as well as topics such as industrialization, colonialism, imperialism, urbanization, migration patterns, and environmental issues, with field study opportunities to Chinatown and the Dr. Sun Yat Sen Gardens, the Nitobe Classical Gardens at UBC, the Korean Community Centre, and various festivals and restaurants, as well as a cultural potluck lunch to supplement the course.

BC First Peoples 12

MBCFP12

BC First Peoples 12 is open to all Grade 11 and 12 students. This course examines the history and culture of BC’s aboriginal peoples from before the arrival of Europeans to the present day. The course also explores the continuing impact of colonialism, institutional racism, and ethnocentrism, and how First Nations peoples have resisted and adapted to a changing environment. Aboriginal cultural expressions of art, literature and film are another area that will be explored in-depth.

Comparative Cultures 12

MCMCL12

This is a course for students fascinated by the diversity of cultures in our world today. Comparative Cultures 12 examines cultures that developed in and around the Fertile Crescent, Indus Valley, and the Huang He River to modern societies. The key themes of this course are understanding the diversity and complexity of cultural expression, interactions between different belief systems, social organizations and languages and how these impact artistic expressions of cultures. You will study how the geography and environment influences the development of agriculture and trade. Value and belief systems and how these shape power and authority structures will be explored. You will also have opportunity to explore the UBC Museum of Anthropology, the Nitobe Memorial Garden, the Morris and Helen Belkin Gallery, the Beaty Biodiversity Museum, and the Pacific Museum of the Earth. This is an exciting and academically challenging course.

Contemporary Indigenous Studies 12

MINST12

Contemporary Indigenous Studies is open to all Grade 11 and 12 students. This course examines the varied identities and worldviews of indigenous peoples and the factors that sustain and challenge those perspectives as well as the resilience and survival of indigenous peoples in the face of colonialism. Historical and modern systemic racism and power structures will be examined closely. Indigenous groups from North and South America, the Pacific Islands, Australia, New Zealand and Mongolia will provide the basis for our exploration of how to restore balance through truth, healing and reconciliation.

Economics 12

MEC--12

Do you want to know how the world works? How we make choices around scarce resources? Why is wealth power? Economics 12 is your course.

This course takes a fundamental look at one of the key forces that shape our lives: scarcity. We live in a finite world, all of us are forced to make choices about how best to allocate limited resources; this is the starting point of economic thought. At the core economics is not just about money but rather critical thought and problem solving. This course introduces both branches of Economics: Micro Economics -- supply and demand, elasticity, monopoly, etc. and Macro Economics -- banking, money supply and unemployment international trade, and the philosophical lenses that support various economic systems. The history of economic thought from Adam Smith to J.M. Keynes is taught Economics is strongly recommended for anyone who is interested in Business, Law, Commerce, Political Science, International Relations, Globalization and the forces that drive most of what we see and hear in the news. Speakers from the Fraser Institute and the Canadian Centre of Policy Alternatives may be invited to speak to classes and students may participate in panel discussions and debates on economic policies and issues.

History 12

MWH--12

If you have a passion for the past or you want to figure out what is going on in today's world from Trump and Russia to Korea or the Syrian Civil war, then History 12 is the course for you.

History 12 explores the 20th century from the Russian Revolution and World War One to the fall of the Soviet Empire and 9/11. Examined through film, primary documents, case studies, etc., war, oil, automobiles, and social protest are some of the significant topics in the conflict and change of the past century. The course examines the big social, economic, and political trends in the Middle East, Europe, Russia, the United States, Africa, and Asia. Students are encouraged to explore their own interests from technology, Latin American Studies, music, to film and literature. Field trips range from visits to the SFU History Department, workshops at the Vancouver Holocaust Education Centre, and an History 12 Hawaii trip. The highlight of this trip is an "encampment" or sleepover on the USS Missouri where the surrender documents were signed that ended World War II. We also organize an annual Human Rights Student Symposium. There are two research essays/projects a term; students select their own topics, formats, and due dates. History 12 is an intense, fun, and challenging course.

Genocide Studies 12

MGENO-12

“Justice for crimes against humanity must have no limitations” Simon Wiesenthal. When considering Genocide studies students will examine and trying to gain an understanding of the causes and reasons behind genocide in the 20th and 21st century. The Holocaust will serve as a guiding theme throughout the course and will enable to students make comparisons to genocide in Europe, Asia and Africa. Students will also look at the positive ways the world has worked to affect change in this area via culture, law and society. This course will include a field trip to the Vancouver Holocaust Education Centre.

Geography 12

MPGEO12

As we are expecting the "Big One" with the potential to cause major earthquake damage and tidal waves students may wonder how physical events on our Earth are interrelated. As we worry about rising sea levels due to global warming and the melting of polar ice caps, we need to examine how our life style must change in order to save the Earth, the only home we know.

Geography 12 provides a glimpse of earth forming and earth shaping events ranging from geological processes to weather, climate, and geomorphological events and their impact on human activities such as settlement, agriculture, and industry. As such, it can provide a basic understanding of our role toward sustainability.

Sustainability and survival of our planet is our major challenges. Human activities based on adaptation and modification of the natural environment, social patterns affecting population change, and the need to impose controls over excess growth are examined in the form of case studies and research projects tailored to individual student needs and interests. There is also a field trip to Stanley Park for all Geography 12 students.

Law Studies 12

MLTST-12

Law Studies 12 provides students with an introduction to the tools needed to live in a society where law and order guarantee a balance between individual freedoms and the rights of society. Students learn how a Charter Challenge works and how Human Rights issues can be resolved. Criminal and Civil law will be applied to real cases and form the basis for discussions, role play, and mock trials with the goal of helping students analyze and apply key elements relevant to their own lives. Guest speakers from a variety of legal fields will provide insight how the study of law can provide important skills in many careers. Students also attend field trips to the Provincial Law Courts.

Philosophy 12

MPHIL12

Are you baffled by existence? Intrigued by questions of right and wrong? You might be interested in questions of justice and law, what exactly is the “self” and why people are self-centred, theories of what reality really might be, or does the mind actually exist separate from the body. If any of this or something like this intrigues you, then Philosophy 12 is course.

This course introduces students to:

Morality and Ethics: the study of right and/or wrong...do we do the right thing because it is the right thing or because it will make other people happy?

Epistemology: the study of how we know if something is true or not...is the earth flat or is it a sphere? How do we know?

Logic: the study that gives you the tools to tackle all sorts of claims...knowing the difference between a slippery slope and ad hominin attacks.

Metaphysics: the study of the nature of reality; whether there exists things that are not physical...can you ride the rim of a black hole or slip into multi-dimensional verses?

Justice: how do we determine what is just or not in society...is justice the basis of laws and wealth distribution in our society?

Mind: Does the mind exist as a purely physical extension or not? Can Data in Star Trek become a real person with a thinking mind?

Self: what is the self...a figment of my imagination or something really real?

Other philosophical disciplines such as feminist philosophy, Asian and African philosophy, and political philosophy will be explored. The course is dedicated to developing the principal tools of philosophical inquiry: comprehension, analysis, and critical evaluation. We also organize an annual Human Rights Student Symposium. There is also a field trip to the SFU Philosophy Department. Students are invited to explore their own interests; there are two research essays/projects a term and students select their own topics, formats, and due dates. We debate, discuss, argue, and generally have an intense and rewarding ride through the BIG QUESTIONS.

Social Justice 12

MSJ--12

This course explores how social justice issues and their causes are interconnected, complex and have lasting impacts on society. The way in which individual worldviews shape and inform our understanding of social justice will be a key element of this course. This will not be a course that is only about knowledge and discussion, there will be an aspect of “action” because Social justice initiatives can transform individuals and the world in which we live. Content areas will include various theoretical frameworks, interpretations, and concepts of social justice, connections between self-identity and an individual's relationship to others in society, past and present social injustices in Canada and in the world, roles of governmental and non-governmental organizations and finally the processes, methods, individuals, groups, and institutions use to promote social justice. This course is highly recommended for anyone interested in affecting positive change in the world.

SUMMIT

SUMMIT Social Studies 8

Summit SS8 will focus on the skills to become a lifelong learner. Students will follow the regular grade 8 curriculum, including topics such as religions, the Middle East, Middle Ages, the Renaissance, Age of Exploration, and the first settlers in Canada, along with basic historic and current geography. Particular emphasis will be given to the skills of persuasion, assessing bias, cause and effect, and critical thinking, as well as skills in reading text, note-taking, writing, speaking, and presentation will be addressed through project-based learning. A distinct effort will be made to make the student a disciplined self-motivated learner who can set goals and achieve them with little teacher mediation.

SUMMIT Social Studies 9

Summit 9 will continue the focus begun in grade 8 with the grade 9 curriculum. Students will be expected to write several persuasive papers during the year using their own research to enhance the classroom studies. The larger connections or big ideas of history will be studied including revolutions in America, England, France, industry and technology, and Canadian studies from Jacques Cartier through Confederation to Louis Riel, the settlement of the West, and the history of our city and province. Once again, the student will be instructed in the skills necessary to become a strong independent learner. Students will have the opportunity to participate in a Human Rights and Holocaust Studies Program over four days in Winnipeg, as well as an excursion to Gastown and Chinatown to discover the roots of our city, and a grade-wide visit to Fort Langley to learn about the fur trade.

SUMMIT Social Studies 10

In the final year of the Summit program in Social Studies, students will cover the curriculum from 1914 to present in Canadian studies and identity, including topics in Canada's inclusion on the world scene as a middle power through WWI, WWII, and the Cold War, the Roaring 20s and the Great Depression, multiculturalism, government and politics, and human geography. Students will demonstrate their mastery of the skills learned in the grade 8 and 9 years through presentation, the persuasive essay, role-playing, and independent and group project work, culminating in a heritage inquiry project.

APPLIED DESIGN, SKILLS, AND TECHNOLOGIES (ADST)

BUSINESS EDUCATION

ADST 8 – Business Education / Entrepreneurship & Marketing 9

MADEM09

Description: This course is an introduction to Business Education. Students will learn how to keyboard by touch as well as learn about banking, economics, marketing and entrepreneurship. Emphasis is on hands-on work and participation in class activities.

Accounting 11 & 12

MAC--11, MAC--12

Description. Students gain a foundation of knowledge and ability with basic accounting for a service business, including debit and credit theory, the generally accepted accounting principles, transaction analysis, preparation of financial statements. Concepts for a merchandising firm introduce accounts for cost of goods sold. Learning accounting software which makes accounting easier including payroll. Students learn financial analysis using common ratios for comparing investments.

Skills you will learn:

- transaction analysis using debit and credit theory
- prepare and analyze financial statements; and
- industry standard accounting software

Potential future paths:

Bookkeeper for a small firm	Accountant in a large business
Accounting for your own business	Investment Advisor
Financial Analyst	Management, business administration
Marketing	Real estate

Marketing 11 / Entrepreneurship 12

MMAP-11, MENT-12

Description. Students learn concepts and tools for selling including the 4 Ps, the business plan, web design using HTML5, to promote an idea, service, or product. Learn software including MS Word, Excel, PowerPoint and Access, to format and present data to customers and decision makers.

Skills you will learn:

- software tools
- visual presentation skills
- personal presentation skills

Potential future paths:

Advertising, Promotions & Marketing Manager	Public Relations Manager
Brand Manager	Convention & Event Planner
Advertising Account Executive	Market Researcher
Web Content Manager	Email Marketing Manager

INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT)

Game Development 9 & 10

Description students learn how ICT hardware, software, and design are combined to create interactive experiences such as video games, mobile applications, and software. Learn how to build and maintain a computer system, how to program, and how to develop games using beginner software like Quest, Twine, Stencyl, and working our way up to advanced development software like, Unity3d, 3ds Max, Animate CC, Mudbox, and more.

This course is primarily project based, involved a lot of collaboration and group work, and is excellent for anyone interested in learning about game and software development.

Skills you will learn:

- software tools
- critical thinking and design thinking
- coding and programming
- computer hardware maintenance and building

Potential future paths:

Game Developer	Software Developer
User Experience/Interface Designer	Software Engineer
Digital Animation	Hardware Engineer
IT Technical Support	Computer Systems Analyst

Courses:

- ADST – INFOR. & COMMUNIC. TECHNOLOGIES 9 MADIT09
- COMPUTER STUDIES 10 MCSTU10

Game Design 11 & 12

Description. Students learn concepts and tools for selling including the 4 Ps, the business plan, web design using HTML5, to promote an idea, service, or product. Learn software including MS Word, Excel, PowerPoint and Access, to format and present data to customers and decision makers.

Skills you will learn:

- software tools
- visual presentation skills
- personal presentation skills

Potential future paths:

Advertising, Promotions & Marketing Manager	Public Relations Manager
Brand Manager	Convention & Event Planner
Advertising Account Executive	Market Researcher
Web Content Manager	Email Marketing Manager

Courses:

- COMPUTER INFO SYSTEMS (GAME DESIGN)11 MCINF11
- COMPUTER PROGRAMMING SYSTEMS 11 MCMPR11
- DIGITAL MEDIA (GAME DESIGN) 12 MDMD-12
- COMPUTER DEVELOPMENT INFO SYSTEMS 12 MCINF12

Tourism 11 & 12

MTRM-11, MTRM-12

Fee: \$35 for Serving It Right Certification for 5 years. Not required if already certified.

One of the world’s fastest growing industry, tourism provides more employment opportunities than any other industry. Topics covered include accommodations, transportation, event planning, and food and beverage service. Students will explore careers related to the industry and learn skills essential for the workplace environment.

Skills you will learn:

Serving It Right Certification

Learn, practice, and apply employability skills to obtain entry level jobs in tourism

Organization of self and others, critical thinking, and event planning

Ability to understand and improve human relationships through resolving conflicts

Potential Careers:

Airport or Airline Staff	Event Planner and Manager	Bartender and Banquet Servers
Food and Beverage Managers	Hotel and Accommodation Manager	Social Media Manager

Educational Technology Mentorship & Leadership 10, 11, and 12

YIPS-2BDA2

Peer Tutoring 12: Tech Mentorship (This is a Community Service Course) *OFF-TIMETABLE*

Description:

Select students will learn how to use personal technology such as cellphones, laptops, tablets, and other devices for learning and teaching peers. Furthermore, students will, after learning these skills, mentor their fellow VanTech community in the use of technology for learning, presenting, and teaching.

You are required to be referred to this course by your counsellor.

Skills you will learn:

- Digital communications such as, texting, messaging, e-mail systems, and other digital communication applications.
- How to mentor peers and adults in the use of technology for education.
- How to support the VanTech community in the use of Office 365 for education.
- The ins and outs of teaching peers how to set up their personal devices for learning
- Leadership skills and confidence to instruct others.

HOME ECONOMICS AND CULINARY ARTS

Textiles

ADST 8 ½ of rotation MADT-08
Textiles 9, 10, 11 & 12 MADT-09, MTXT-10, MTXT-11, MTXT-12
Fashion Industry 12 MFIND12

Textiles is a course that allows you to be creative and to develop an appreciation for the various uses of textiles. Your projects will be determined by you and every project will build upon the skills you learned previously. Every student has the opportunity to progress as fast as they desire. You can work your way to designing your very own Prom dress or whatever you are passionate about. Give yourself the opportunity to explore your interests!

Skills you will learn:

- To appreciate all aspects of the human body and to create clothing that fit various body shapes
- Utilizing knowledge and construction techniques to make pattern alterations and to create personal designs (pattern drafting)
- Learning about sustainable fashion and upcycling and their impact to society

Potential Careers:

Fashion Designer	Costume Designer	Buyer
Fashion Writer	Fashion Photographer	Model

Foods 9 - 12

MADFS09, MFOOD10, MFOOD11, MFOOD12

Fees: Foods 9 (\$20); Foods 10 (\$35); Foods 11 (\$45); Foods 12 (\$45)

In Foods 9 - 12, students learn how to cook and bake their way through every delicious meal and snack of the day. Food prepared in the home economics classrooms is for personal consumption which means you get to eat what you make! On average, students can expect to cook once per week and recipes may be adapted to meet a variety of alternative diets.

Skills you will learn:

- Components of recipe development and modification, including ingredients, functions, proportions, temperatures, and preparation methods
- Learning to work effectively within a group and how to communicate with others about roles and responsibilities
- Utilizing the techniques and knowledge required in meal preparation such as timing and pacing, as well as proportions and scaling of ingredients

Potential Careers:

Chef	Pastry Chef	Food Stylist
Dietitian	Food Photographer/Blogger	Food Critic

Culinary Arts

Culinary Arts 10, 11 & 12 MCUL-10, MCUL-11, MCUL-12

Have you ever wanted to learn the secret to making Van Tech's famous cinnamon buns or have an interest in Culinary or Pastry Arts? This stress-free elective will give you hands-on experience working in an industrial kitchen. Through catering events, students are provided the opportunity to earn volunteer hours and valuable work experience. #chooseculinaryarts

Check out what our Culinary Arts students are up to on Instagram @vantech_cafeteria.

Fee: \$25 for Food Safe Level 1 certification for 5 years. Not required if already certified.

Food Safe is a standard requirement for all food service workers in BC

Skills you will learn:

- Recipe development and modification
- Large scale cooking and baking using industrial kitchen equipment
- Barista training; using a professional cappuccino machine
- Flexibility and adaptability skills required to work in a fast paced environment

Potential Careers:

Professional Chef/Pastry Chef	Culinary Business Owner: caterer, food truck, restaurateur	Culinary Arts/Home Economics Teacher
Food Distribution Representative	Hotel Food and Beverage Manager	Food and Environmental Health Officer

TECHNOLOGY EDUCATION

AUTOMOTIVE

Power Technology 9 (SEMESTERED) MADPT-09

Description: This course is an introduction to a variety of technological processes including: research, design, problem-solving, construction and teamwork. Students will work with different materials, tools and machines to evaluate and solve different several design problems. Projects may include themes involving transportation, structures, forces, pneumatics, hydraulics, and aeronautic. This is an excellent course for students who do not know which trade or technical field of study they wish to pursue.

Power Technology 10 MTPOW10

Description: An introductory course providing students with a general overview of today's technology. This course will be beneficial whether you choose to follow a related career in this field, or to just expand your knowledge and skills for general interest. This course is designed to prepare you for the future. It is designed to build skills, self-confidence and the ability and desire to learn new information. Although we will concentrate on today's technology and small gasoline engines, the knowledge and skills you acquire can be transferred to a wide range of mechanical situations.

Automotive Technology 11 MTAUT11

Fee: some material costs

Credit: 4 credits; fulfills the 2 credit Applied Skills 11 graduation requirements

Description: An introductory automotive course which allows the student to study the theory and practice of a number of vehicle systems. The successful student will acquire skills which will: (1) allow the future vehicle owner to perform a variety of service procedures on his or her own vehicle; (2) assist the individual in becoming a knowledgeable consumer of automotive products and services; and (3) enable him or her to make an informed decision regarding a possible career in some aspect of the automotive industry.

Automotive Technology 12 MTAUT12

Fee: some material costs *Credit:* 4 credits

Description: An advanced automotive course in which the student applies the knowledge and skills acquired in AT 11 to develop more specific diagnostic and service abilities which will be useful to the student who would like to pursue a career in the automotive industry. The double block format allows for the instruction and shop practice. In addition to offering “pre-trade” training, AT12-also addresses the needs of those students who would like to learn more about the automotive industry from a consumer’s perspective. Students will learn correct service and maintenance procedures and procedures for obtaining required automotive services as a vehicle owner. Students will also be involved in the examination of the automotive industry from a broader perspective. For example, students will examine the environmental effects of the automobile and will develop solutions for specific problems created by this form of transportation.

Automotive Technology 12 (Engine and Drivetrain) MTEAD12

Description: ATD12 emphasizes advance training in Engine and Drive Trains Systems. It also allows the student to spend more time in shop practice. Teacher approval required.

Leads to: direct employment, post secondary training, apprenticeship in the automotive industry.

ARCHITECTURE & DESIGN

Architecture and Design

Description

In Architecture and Design (Drafting) courses students will learn how to communicate 2D and 3D ideas through drawing by hand and using computer design software. Students are encouraged to explore, fail fast and frequently, and take creative risks.

Students will get to utilize a variety of advanced machinery such as 3D printers, 3D scanning tools, laser engravers, and other CNC machines to create innovative, high-quality products, and architectural models.

Skills gained in this field will prepare students for the many new exciting career paths growing in the fields of design, fashion, architecture, medicine, and engineering.

Skills you will learn:

- 2D and 3D Computer Aided Design (CAD) with industry standard software.
- Teamwork and Collaboration Skills
- Technical communication.
- Designing fully functional prototypes for real world applications using both traditional tools but also Computer Aided Manufacturing (CAM).

Potential Future Paths:

Biomedical Engineering / Medicine	Architecture / Civil Engineering
Mechanical or Industrial Design	Engineering

Courses:

ADST 8: GENERAL EXPLORATIONS (MODULES)	MADGE08
ADST – DRAFTING 9	MADD-09
DRAFTING 10	MTDRF-10
INDUSTRIAL DESIGN 11	MID--11
DRAFTING & DESIGN 11	MTDRF11
INDUSTRIAL DESIGN 12	MID--12
DRAFTING & DESIGN 12	MTDRF12
INDUSTRIAL CODING AND DESIGN 12	MTICD12

Graphics/Media Design 9-12 MADMA09, MMEDD10, MMEDD11, MMEDD12

Description

Students will have a wide range of opportunities to learn communication skills through visual design, digital imagery and software manipulation. Skills gained will be useful in creating clear and more exciting visual presentations for all areas of study.

Skills you will learn:

- Computer design with industry standard software
- Physical manipulation of real products
- Communicating through visual media
- Clothing production with vinyl and screenprinting
- Designing for on-line and traditional media
- Photography for production work

Potential Future paths:

Graphic artist	Digital animator
On-line or traditional publishing	Advertising

Fees: Graphics 9: \$5, Graphics 10-12: \$15

Annual Production YCCT-1C, MGRPR12

Description

This course will introduce you to all of the different aspects involved in creating and producing a yearbook. Students must be willing to dedicate many hours outside of the classroom to the project but you will have the satisfaction of being a part of chronicling the year that was in a permanent record.

Skills you will learn:

- Computer design and layout with industry standard software
- Digital photography
- Journalism
- Teamwork, time management and organization

Potential Future paths:

Graphic artist	Photo Journalist
On-line or traditional publishing	Advertising

Metal Fabrication & Jewelry

Description:

In an increasingly digital world, this course revisits the joys of taking something from idea to artifact with your own two hands. Students will learn a wide variety of metal fabrication techniques, old and new. They will develop a keen eye for detail and also explore their artistic side in jewelry making. In Canada, skilled trades are in high demand. This course lays the foundation to go on to many different rewarding careers. From go-karts and medieval armour, to silver pendants and copper rings, from modern furniture and crazy bike machines, to everything else in between; if it's made with metal, you can try your hand at making it here.

Skills you will develop:

Metal Fabrication	Jewelry
Welding: Oxy-Acetylene, MIG, TIG, Stick Machinist tools: Mill, Lathe Forge and foundry work Sheet metal processes Drafting and project costing Critical thinking, problem solving and trouble shooting	Lost wax silver casting Copper enameling Pewter casting Chainmail Engraving and embossing Stone setting Glass bead work

Potential future paths:

Engineer	Machinist
Welder	Custom Fabricator
Industrial Designer	Auto Body Technician
Pipefitter	Structural Ironworker
Jewelry Designer	Surgeon

Courses:

Metalwork 9	MADM-09
Jewellery 10	Y1A--0A
Metalwork 10	MTMET10
Metalwork 11	MTMET11
Metalwork 12	MTMET12
Art Metal & Jewellery 12	MTAMJ12

Robotics and Electronics Design 9,10,11,12 MTEAR10, MTELE11, MTELE12

Description:

Students will have the opportunity to learn computer-based programming skills, robot building and control, and analog and digital electronics, while being in a fun and relaxed learning environment. Independent and self-directed discovery allow students to work and learn at their own pace. New projects this year include incorporating electronic circuits into fabric and clothing.

Skills you will learn:

- Robot programming using block coding, flowchart-based coding and basic C coding
- Manual robot navigation with a joystick
- Robot building
- Combining Electronics and Fabric
- Soldering electronic components and circuit boards
- Arduino microcontroller programming
- Problem Solving and Troubleshooting
- Design and Prototype testing
- Critical thinking
- Working in a group



Potential Career Paths with these skills:

Mechanical Engineer	Robotics Engineer
Computer Software Engineer	Robotics Technician
Computer Systems Engineer	Surgeon (transferrable hands-on skills)

Course Codes:

Robotics and Electronics Design 9	MADER09
Robotics and Electronics Design 10	MTEAR10
Robotics and Electronics Design 11	MTELE11
Robotics and Electronics Design 12	MTELE12
Engineering 11	MENR-11
Engineering 12	MENR-12



Woodwork

Woodwork 9 (Semester) MADW-08

Fee: Material costs of \$15 for both projects

Description: Woodwork 9 is an introductory course in machine woodworking. The student will learn and demonstrate safe woodworking practices on a variety of hand tools, portable and stationary power equipment. During the course of this activity instruction will be given in safety, wood technology, basic joinery, design, and wood finishing.

Woodwork 10 MWWK-10

Fee: Material costs of \$15 for both projects

Description: Woodwork 10 is an introductory course in machine woodworking. The student will learn and demonstrate safe woodworking practices on a variety of hand tools, portable and stationary power equipment. During the course of this activity instruction will be given in safety, wood technology, basic joinery, design, and wood finishing. Projects will include a folding stool and a jewelry box.

Woodwork 11 MWWK-11

Descriptions: Woodwork 11 is an intermediate course in machine wood working where the student will develop an understanding of the materials and processes of the wood-working industry. The focus of the course will be on design and produce development with a strong emphasis on proper procedures and safety. Each student will design, construct, and finish a major furniture project. Students will be encouraged to work as part of a team. Some material costs will be paid by the student.

Woodwork 12 MWWK-12

Credit: 4 credits

Description: Woodwork12 is an advanced wood technology course that will broaden the students' understanding of wood working technology and practices. Students will spend the largest portion of class time on the design and product development of a major furniture or cabinet project. Advanced techniques of wood manufacture, wood finishing and safe, efficient shop practice will be emphasized. Some material costs will be paid by the student

Woodwork 12 (Furniture and Cabinetry) MTFAC12

Credit: 4 credits

Description: Furniture Construction is designed to give students additional workshop hours to increase their skill and knowledge of woodworking theory and practice as it relates to furniture design and construction. Cabinet Construction is designed to give students additional workshop hours to increase their skill and knowledge of woodworking theory and practice as it relates to cabinet construction.

PHYSICAL & HEALTH EDUCATION

Physical & Health Education 8 MPHE-08

Description: This course will introduce students to a wide variety of activities and topics related to physical activity and healthy living. Through these learning experiences students will begin to learn more about themselves, others, and their community to develop a strong foundation of the knowledge, skills, and mindsets necessary to lead a healthy lifestyle now, and in the future.

Through many types of physical activities, students will build upon their physical literacy levels. Students will actively participate in a variety of units including: Team Sports: field hockey, ball hockey, rugby, basketball, volleyball, soccer, ultimate; Individual Sports: swimming, track & field, combatives, weight training, gymnastics, dance.

Students will also be introduced to a variety of health-related concepts and explore their influences on overall health and well-being such as nutritional patterns and choices, sleep patterns, stress levels, healthy relationships, self-esteem and identity, and more.

Over the course of the year, students will have the opportunity to participate in different learning experiences within our community and/or with some community partners. To help provide these learning experiences for students there is a **learning enrichment fee** of \$30.00 for PHE 8.

Leads to: PHE 9

Physical & Health Education 9 MPHE-09

Description: This course builds upon the learning experiences from the PHE 8 course and enables students to continue to develop and enhance their physical literacy levels and develop a stronger understanding of various factors that influence personal health decisions and their potential influences.

Students will actively participate in a variety of units including: Team Sports: volleyball, basketball, soccer, softball, football, ultimate, ball hockey, lacrosse; Individual Sports: track & field, badminton, wrestling; dance; gymnastics, water activity & safety; Martial Arts, Fitness & Theory: weight training, health education.

Over the course of the year, students will have the opportunity to participate in different learning experiences within our community and/or with some community partners. To help provide these learning experiences for students there is a **learning enrichment fee** of \$30.00 for PHE 9.

Leads to: PHE 10

Physical & Health Education 10 MPHE10

Description: This course builds upon the learning experiences from the PHE 8 and 9 classes and continues to use a variety of physical activities to support students in the development of their physical literacy levels; pursue and reflect on personal goals related to health; and develop a deeper understanding of how their community, and relationships with others, can influence their pursuit of lifelong healthy living. Since this may be the last Physical and Health Education course taken by some students, an attempt is made to orient the student to a variety of leisure time activities, personal fitness assessments and lifestyle management tools.

Students will actively participate in a variety of units including: Team Sports: volleyball, basketball, soccer, softball, football, ultimate, ball hockey, softball; Individual Sports: tennis, badminton; dance; water activity & safety, golf, orienteering; Fitness & Theory: weight training, health education, first aid.

Over the course of the year, students will have the opportunity to participate in different learning experiences within our community and/or with some community partners. To help provide these learning experiences for students there is a **learning enrichment fee** of \$50.00 for PHE 10.

Leads to: PE 11 (Co-ed, Girls, Soccer), FITNESS & CONDITIONING 11, YOGA & WELLNESS 11, OUTDOOR ED 11

Active Living 11 and 12 MACLV11, MACLV12

PE 11 and 12 will be offered in split classes. Content will vary on a year one/year two basis.

Credit: 4 credits

Description: This course is a senior elective course that enables students to participate in a wide variety of physical activities in the school and in the community. Some of these community-based field trips may include: hiking, kayaking/sailing, snowshoeing/curling, golf, rock climbing/laser tag and much more.

The main focus is a broad survey of recreational activities that can lead to a healthy, balanced lifestyle post high school.

Over the course of the year, students will have the opportunity to participate in different learning experiences within our community and/or with some community partners. To help provide these learning experiences for students there is a **learning enrichment fee** of \$100.00 for Active Living 11 & 12.

Active Living 11 and 12 (Girls) MACLV11G, MACLV12G

PHE 11G and 12G will be offered in split classes. Content will vary on a year one/year two basis.

Credit: 4 credits

Description: The emphasis of this course is to provide an environment where girls will develop life-long healthy living habits. This course is meant to give girls the opportunity to participate in a wide variety of physical and leisure activities offered in an enjoyable atmosphere. The curriculum for the course will be chosen by the class and may include a variety of activities such as: Yoga, Spinning, Pilates, Weight training, Fitness classes, Aqua fit, Power walking, Jogging, Swimming, Self Defence, Hip hop, Rock Climbing, Skating, Roller blading, Sailing, Wind surfing, Kayaking and Nutrition. An off-campus activity fee will be collected to pay for activities that will take place in sport establishments throughout the lower mainland.

Over the course of the year, students will have the opportunity to participate in different learning experiences within our community and/or with some community partners. To help provide these learning experiences for students there is a **learning enrichment fee** of \$100.00 for Active Living 11 & 12 (Girls).

Physical and Health Education 11 and 12: Fitness and Conditioning MFTCD11, MFTCD12

Fitness 11 and 12 will be offered in split classes.

Credit: 4 credits

This course incorporates concepts necessary for a lifetime of physical fitness and health. Through a variety of classroom instruction and physical activities, this course emphasizes the development of skills and knowledge of fitness, self-image, personal growth, and social well-being. Students will participate in activities that improve flexibility, cardiovascular endurance, muscular strength, body composition, and other activities that emphasize the importance of lifetime health and the benefits gained by maintaining physical fitness.

Physical & Health Education 11 and 12 Soccer MACLV11ILD, MACLV12ILD

PE 11S and 12S will be offered in split classes

Credit: 4 credits

Description: This course is designed to develop soccer skills both technical and tactical. The course will review in depth the fundamentals of play including dribbling, passing, shooting, goalkeeping, defensive and offensive strategies, and the laws of the game (refereeing). The course will also encompass weight training and conditioning programs that promote physical efficiency, fitness, personal growth and development including weight training, plyometrics, agility and balance training.

Outdoor Education MODED11, MODED12

Outdoor Education 11 and 12 will be offered in split classes.

Credit: 4 Credits

Description: This course is designed for students with a keen interest in physical activity and recreation in an outdoor setting. It is also designed for those interested in discovering the impact one may have on the environment both within a community and on a global scale. Training is provided in a variety of outdoor pursuits. Some possible activities include: hiking, rock climbing, camping & survival skills, kayaking, canoeing, alpine skiing, snowshoeing, x-country skiing, mountain biking, orienteering, etc. Despite every attempt to keep field trips during school hours, some activities will occur outside of regularly scheduled class time and on weekends.

COURSE FEES: Although there are no course fees, students are responsible for all costs incurred for field trips. The estimated cost for this program is approximately \$500/student for a year's worth of trips. Half of this cost will be offset by fundraising throughout the year. If goals are not met for fundraising the final 3 day, 2 night trip to Garibaldi in the spring will not happen

Yoga and Well-Being 11 and 12 YLRA-1A, YLRA-2A

Yoga 11 and 12 will be offered in split classes

Credit: 4 credits

Description: This course has been developed to introduce high school students to the principles of yoga and well-being activities. This course is a nondenominational, physical course which promotes lifelong fitness and health. Students will experience various styles of yoga, meditation, and relaxation in a safe, supportive, non-competitive learning environment. Physical benefits of yoga and well-being activities include improved muscle tone, strength, flexibility, balance, reduced tension, and improved energy levels. Mental benefits of yoga and well-being activities include stress management, improved concentration, self-awareness and self-discipline.

Leadership 11/12 YHRA-1A, YHRA-2A

Lead 11 and 12 will be offered in split classes

Credit: 4 credits

Description: All students in the Leadership program will meet as a group on a pre-determined basis with the teacher to learn about various concepts related to the theoretical and practical application of human relations. Time in class will be spent understanding the basic concepts of proactive leadership and how to effectively use the concepts in life and within the school environment. Through these lessons, students will deepen their understanding of what leadership means to them and look to develop and build upon their leadership skills. The students will play a leadership role in school and community based special events.

This course requires students to have good time management, organization and the ability to be independent learners/leaders.

ARTS EDUCATION

VISUAL ARTS

Fine Arts 8 – Visual Art MVA--08

Description: This class is an introduction to the process of art making. No previous experience is required. This class includes drawing, painting, and/or ceramics. Emphasis will be placed on imagination, self-expression, workmanship, vocabulary, care of equipment and materials while being introduced to the use line, colour, shape, tone, texture and pattern. A willingness to try new things is encouraged.

Employability skills: Recognize your own and other people's good efforts, show interest, initiative and effort and be willing to continuously learn and grow.

Art 9 (Semestered) MVA--09

Description: This class expands visual abilities through drawing, design, painting, print-making, mixed media and new media. Materials may include coloured pencils, charcoal, felts, chalk pastels, watercolour crayons, paint, coloured papers and found artist materials. Be introduced to artists past and present through creative processes and projects that develop your image making capacities, drawing from seeing and self-expression.

Employability skills: Recognize your own and other people's good efforts, show interest, initiative and effort and be willing to continuously learn and grow.

Visual Art 3D 9 (Ceramics & Sculpture) (Semestered) MVA--09CR1

Leads to: AF11, SACS11, SADP11

Description: This course will provide an opportunity for students to explore the magic of clay. Students will develop hand-building skills (pinch pot, coil, slab, and sculpt). As well, they will have the opportunity to learn throwing skills on the potter's wheel, an introduction. In a unit on glazes and glaze treatments students are guaranteed exciting results and fun! This course will encourage students to dream, design and create.

Art 10 MVA10

Description: This full year course will give students an opportunity to continue to develop their art potential, skill, self-expression, understanding of art elements, principles and design. Projects may include drawing, painting, print-making, collage, relief work, mixed media and photo-transfer processes working with pencil, paper, paint, pastel, charcoal, pen/ink and watercolour. Artists past and present, their styles and contributions to culture will be presented within projects. Students will be encouraged to understand and appreciate art processes, art forms and begin a portfolio.

Employability skills: Be creative and innovative in exploring possible solutions, plan, design or carry out a project or task from start to finish with well-defined objectives and outcomes, recognize and respect people's diversity, individual differences and perspectives.

Visual Art 2D 10 (Drawing & Painting) MVAD-10

Description: This full year course will give students an opportunity to continue to develop their art potential, skill, self-expression, understanding of art elements and principles more exclusively through drawing and painting. A wide range of materials will be used from pencil, paper, charcoal, conte, pen/ink, pastel chalk, watercolour pencils to acrylic paint. Creative processes will be explored to strengthen the imagination, focus the hand, eye and mind, increase powers of observation and develop your own expression. Artists past and present, their styles and contributions to culture will be presented. Students will be encouraged to understand and appreciate art processes, art forms and begin a portfolio.

Employability skills: Be creative and innovative in exploring possible solutions, plan, design or carry out a project or task from start to finish with well-defined objectives and outcomes, recognize and respect people's diversity, individual differences and perspectives.

Visual Art 3D 10 (Ceramics & Sculpture) MVAC-10

Leads to: AF11, SACS11, SADP11

Description: In this full year course, students will learn basic clay building skills (pinch pot, coil, slab, and sculpt) while exploring personal expression. As well students will be encouraged to learn throwing on the potter's wheel as a means of making functional objects but also as a way of creating alternate forms quickly, ones they can combine and integrate with their hand building. An expanded pallet of glazes will be made available and used to problem solve the challenges of expression involved in building 3D projects.

Art Foundations 11 MVA11

Description: This is a general studio art course emphasizing problem solving through a wide variety of projects including drawing, painting, print-making, collage, relief work, mixed media and new media. This is art course is for students who have previously taken art courses as well as for whom art is a first experience. Continue to develop confidence and skill in the art making process, understanding and appreciating your own work and that of others. Work with a wide variety of art materials. Value building your own portfolio.

Employability skills: Be creative and innovative in exploring possible solutions, plan, design or carry out a project or task from start to finish with well-defined objectives and outcomes, recognize and respect people's diversity, individual differences and perspectives.

Studio Arts 11 (Ceramics & Sculpture) MVAC-11

Leads to: SACS 12

Description: This course will provide students an opportunity to advance their skills in hand-building, throwing and surface treatments of clay. Projects vary from sculptures (even architectural) to functional wheel thrown pieces (such a teapots). Through drawings and problem solving of 3D design and personal imagery students will be able to create a body of thematically related art that demonstrates personal style and growth. Projects will study the role of ceramic forms and art in history as well as our contemporary society.

Studio Arts 11 (Drawing & Painting) MVAD-11

Description: This is a studio course emphasizing problem solving in drawing and painting as well as the development of personal style. Deepen your ability to draw what you see and create what you imagine. Using the language of art, express your thoughts, feelings and experiences. Continue to develop your understanding of art elements and principles, composition, colour theory, and perspective. Develop confidence and skill in the art making process, understanding and appreciating your own work and the work of others. Work with graphite pencil, charcoal, chalk pastel, watercolour pencil, acrylic paint or oil paint on a variety of papers and surfaces. Artists and art history is presented through film and video. Field trips to the Vancouver Art Gallery to be arranged when possible. Value building your own portfolio.

Employability skills; Be creative and innovative in exploring possible solutions, plan, design or carry out a project or task from start to finish with well-defined objectives and outcomes, recognize and respect people's diversity, individual differences and perspectives.

Art Foundations 12 MVA12

Description: This course is for students wanting to continue enjoying making art, learning about artists, developing confidence and skill in their artistic expression through projects in drawing, painting, print-making, mixed media and new media. Assistance will be given in compiling a portfolio for post-secondary applications.

Employability skills: Be creative and innovative in exploring possible solutions, plan, design or carry out a project or task from start to finish with well-defined objectives and recognize your own and other people's good effort.

Studio Arts 12 (Ceramics & Sculpture) MVAC-12

Description: This course is designed as a continuation of SACS 11. There will be greater emphasis on individually developed work and opportunities for senior students to create a body of ceramic work that is thematically related and lends itself to the development of personal style and problem solving. In some projects senior students will study and make a presentation about the role of some ceramic form or technique occurring in art history or our contemporary world. Assistance will be given to students in compiling a portfolio for post-secondary applications.

Studio Arts 12 (Drawing & Painting) MVAD-12

Description: This course is for students wanting to take the next step in their development as artists. Builds on previous art experience, willingness to evolve artistically and to work at a more advanced level. Exploration and engagement with a wide variety of materials and processes. Development of a personal style and original expression is encouraged. Mindfulness practices and reflective writing integrated within this course increase awareness, focus, and creative expression. Assistance will be given in compiling a portfolio for post-secondary applications.

Employability skills: Be creative and innovative in exploring possible solutions, plan, design or carry out a project or task from start to finish with well-defined objectives and be willing to continuously learn and grow.

PHOTOGRAPHY

Photography 11 MVAPH11

Texts: Photo One, The Step-By-Step to Photography

Description: This course is designed for students interested in learning the art of image-making along with the history and principles of photography. This course covers the operation of a 35MM camera, black and white film processing, the darkroom and the elements and principles of composition. You will learn processes for refining their perception and creating personal photographs with visual impact. Projects are designed to challenge the imagination while developing technical skill. Field trips to photography exhibitions are part of this course as well as the regular use of a notebook. Access to a 35MM SLR camera is suggested as the art department has a limited number of cameras for this program. Assistance will be given in compiling a portfolio.

Employability skills: Be creative and innovative in exploring possible solutions, work independently and as part of a team, recognize your own and other people's good efforts.

Photography 12 MVAPH12

Texts: Step-by-Step Guide to Photography

Description: Continued in-depth exploration of the SLR camera, darkroom, creative processes and the art and science of photography. Projects are flexible, designed to stimulate the imagination, explore colour toning, and hand-painting. Projects are sometimes jointly planned by students and teacher. Emphasis will be on developing greater technical skill, personal expression, the ability to see as a photographer sees and the ability to create photographs with visual impact. A unit in digital photography and expressive studio lighting is included within this course. Having access to your own 35MM SLR camera is strongly recommended.

Employability skills: Be creative and innovative in exploring possible solutions, work independently and as part of a team, work to agreed quality standards and specifications, feel good about yourself and be confident.

ADVANCED PLACEMENT STUDIO ART

AP Studio Art 12 & AP Studio Arts Portfolio

ASAD-12, A2DP-12

Description: This course is for students who are keenly interested in developing their artistic expression through the creation of a comprehensive portfolio for submission to the College Board. Colleges and universities recognize high scores in AP courses and may grant first year level credit. Students must be enrolled in one of Studio Arts 12, Art Foundation 12 or Photography 12. Students prepare for this portfolio submission through a combination of course work, extra AP instruction and their own independent work. Students may develop their portfolio in the area of Drawing and Painting or in Photography. The AP Studio Art Program makes it possible for highly motivated students to do advanced curriculum and requires commitment and skill. There will be a \$100 charge to submit an

Employability Skills:

Plan, design or carry out a project or task from start to finish with well-defined objectives and outcomes, be creative and innovative in exploring possible solutions, assess your own personal strengths, set your own learning goals and develop confidence.

DRAMA / THEATRE

Drama 8 MDR--08

Description: This class is an introduction to Drama. We will explore various kinds of staging, theatre games, mime, short plays and movie reviews. Performance techniques, social skills, developing focus/collaboration/team work are a key goal of the class.

Skills: learning to work in the dynamics of small & large groups, taking risks & building confidence to talk in front of a group. Identifying & improving on having a good work ethic, team building & problem solving.

Drama 9 (Semestered) MDR--09

Description: This class introduces students to various scene study, character building, learning different acting techniques, theatre games, warm ups, improvisation and vocal technique. A large part of the class will include how to work collectively in small and large groups, learning to speak in front of an audience and finding out more about theatre as a performing arts form.

Skills: be flexible. respect, be open to and supportive of the thoughts, opinions & contributions of others in a group. Identifying & improving on having a good work ethic

Junior Theatre Company 9 (Semestered) MDR--09C01

Description: Theatre Company 9 is offered as a double semester or single semester class. Each semester we produce a new play. This class will give junior theatre students an opportunity to learn various aspects of “play production”. In class Auditions will take place for each semester. Students will work collectively together on building a production performed for the public. Students have the opportunity to be trained in back stage areas: stage management, publicity, set, props and costumes. There will be an opportunity to perform in the evening to the public.

This class is for students who are passionately interested in Theatre, have a willingness to develop their social skills, work well with others and are open to taking risks and trying new things.

Skills: learning to work in the dynamics of small & large groups. team & community building, problem solving, assessing personal strengths & areas of development. Developing a good work ethic.

Drama 10 MDRM-10

Description: This full year class will cover character development, working on scripts and adaptations and ensemble work. The class is planned around term projects: original student written work, scripted scenes, advanced improvisation skills and theatre etiquette will be covered. Drama 10 explores various kinds of Theatre Performance styles. Can be taken at the same time as Theatre Company.

Skills: be flexible, respect, be open to and supportive of the thoughts & opinions & contributions of others in a group, taking risks & building confidence to talk in front of a group Identifying & improving on having a good work ethic.

Junior Theatre Company 10 (Full Year) MDRTC10

Description: Junior Theatre Company 10 is offered to students who want to be involved in full “play production”. Students will choose a main area of focus each semester: Backstage Production Work or Performing. Students will have the opportunity to learn all aspects of play production: set, props, lighting, sound, costumes, promotion, stage management and in some cases assistant directing. During the year we will produce two Studio One-Act Plays. This class is for students who are passionately interested in Theatre, have developed their social skills, works well with others and are willing and open to take risks and try new things. There will be some after school rehearsals and evening performances for the public.

Skills: learning to work in the dynamics of small & large groups. team & community building, problem solving, assessing personal strengths & areas of development. Developing a good work ethic.

Theatre Performance 11 MDRM-11

Description: This class is designed for students interested in learning about a variety of different kinds of performance. Some years depending on interest we explore dance type performance, physical movement, choral speaking and experimental theatre styles, making performances based on political/social issues and personal stories. We will explore more in depth character work, audition techniques, scripted monologues, scenes and original projects. Acting for the stage and for the camera will be covered and various kinds of Theatre Performance styles. Skills: be flexible. respect, be open to and supportive of the thoughts, opinions & contributions of others in a group, taking risks & building confidence to talk in front of a group.

Theatre Production 11 MD RTP11

Description: Theatre Production 11 is an introductory course in backstage theatre, including learning about theatre terminology, the various roles involved, set, props, costumes, running lights and sound for various in class activities. Students will be working with the acting students and have opportunity to help with tech requirements for assemblies and rentals. Skills: recognize the human, interpersonal & technical dimensions in achieving tasks. Developing innovative thinking, develop problem solving & seek different points of view.

Theatre Company 11/12 MDRTC11, MDRTC12

Description: Theatre Company is for students who are interested in continuing to learn a “professional” Theatre Model. Students who want to act, will audition within the class for the studio plays and the main stage Spring production. The Main stage play is performed on the auditorium stage (which requires an ability to vocally project). Everyone will have an opportunity to learn various aspects of Theatre: props, set, costumes, lighting, sound design, front of house work, marketing a show, playwrighting, stage management, theatre etiquette and directing. The scripts will be a combination of professionally written and original. Theatre Company students need to be available for after school rehearsals for part of the year. Guest Theatre Professionals are in attendance throughout the year. Skills: learning to work in the dynamics of small & large groups. team & community building, problem solving, assessing personal strengths & areas of development. Developing & improving a good work ethic.

Drama 12 MDRM-12

Description: This senior Theatre class continues to explore advanced acting skills, refining techniques and challenging the student to perform in front of various audiences. Guidance and preparation will be given for post secondary entrance to acting program (for interested students). Theatre Performance 12 explores various kinds of Theatre Performance styles. Skills: be flexible. respect, be open to and supportive of the thoughts, opinions & contributions of others in a group.

Theatre Production 12: Technical Theatre MD RTP12

Description: This class builds on what has been learned in Theatre Production 11, with an emphasis on learning sound, video and lighting technical skills. Students will be encouraged to work on school productions and various independent projects in class. Some years students will have opportunities to work in the Auditorium for rentals, assemblies and general school events. Skills: recognize the human, interpersonal & technical dimensions in achieving tasks. Developing innovative thinking & seek different points of view.

FILM/VIDEO PRODUCTION

Film/Video Production 11 MVAMT11

Description: This is an introductory course designed to give students hands-on experience in filmmaking. The course is developed around a series of workshops and in-class activities exploring the basic components of visual storytelling, sound design, and lighting techniques. Students are expected to conceive, direct, and edit a short film in groups or to create a site-specific video installation based on an idea of their own choosing. Experimentation and risk-taking are encouraged!

Film/Video Production 12 MVAMT12

Description: This course is designed for students wanting to advance their filmmaking skills. Students will learn to specialize their technical and aesthetic skills using digital video cameras, various microphones, and new media software such as Adobe Premiere Pro. Students will be expected to create short films based on their own invention. This course suits highly motivated and self-directed learners who have a strong interest in the art of film.

Employable skills:

Plan, design or carry out a project or task from start to finish with well-designed objectives and outcomes; be creative and innovative in exploring possible solutions; work independently or as part of a team.

MUSIC

Band

Band 8 / Band 9 (Beginner Band) MMU--08BA1, MMU--09BA1

Description: This class is the junior-level band at Van Tech. The course includes an introduction to instrumental music with an emphasis on woodwind and brass instruments. Students in this course are invited to participate in the annual Junior Music Tour. Participation in concert performances is an expectation of this course. Concerts will take place both during the school day and outside of regular school hours. A comprehensive description of music programming is available at www.vtmusic.ca.

Band 8 / Band 9 (Intermediate Band) MMU--08BA3, MMU--09BA3

Description: This class is the middle-level band at Van Tech. The course places emphasis on developing music literacy, musicianship, and instrumental technique through performance. Students in this course are invited to participate in the annual Junior Music Tour. Participation in concert performances is an expectation of this course. Concerts will take place both during the school day and outside of regular school hours. A comprehensive description of music programming is available at www.vtmusic.ca.

Band 10 - 12 (Senior Concert Band) MMUCB10, MIMCB11, MIMCB12

Description: This class is the premiere performing ensemble of the Band Program at Van Tech. Class rehearsals focus on advanced musicianship, challenging technique, musical leadership, and application of music literacy skills. Students in grades 10 through 12 who are beginners may take this course with the permission of the instructor. Students in this course are invited to participate in the annual Senior Music Tour. Participation in concert performances is an expectation of this course. Concerts will take place both during the school day and outside of regular school hours. A comprehensive description of music programming is available at www.vtmusic.ca.

Jazz Band 10 – 12 MMUJB10, MIMJB11, MIMJB12

Description: This class emphasizes the development of technique, style, and interpretation of the jazz idiom with a view to performance. This is an auditioned ensemble and students must also be enrolled in Concert Band or at the discretion of the director. Participation in concert performances is an expectation of this course. Concerts will take place both during the school day and outside of regular school hours. A comprehensive description of music programming is available at www.vtmusic.ca.

Strings

Beginning Strings 8-11 (Off Timetable) MMU--08ST1, MMU--09ST1

Description: This is an introductory course to instrumental technique on the violin, viola, cello, or double bass for students with no previous experience with an orchestral string instrument. Students will also be introduced to music theory, music reading, and ear training. Previous musical experience on another instrument is helpful but not necessary. Beginning Strings is a sub-section of the Junior Orchestra and classes are held off-timetable. Students are admitted to the Junior Orchestra at the discretion of the director and are mentored with more experienced members of the orchestra. Students in this course are invited to participate in the annual Junior Music Tour. Participation in concert performances is an expectation of this course. Concerts will take place both during the school day and outside of regular school hours. A comprehensive description of music programming is available at www.vtmusic.ca.

Strings 8 / 9 (Junior Orchestra) (Off Timetable) MMU--08ST3, MMU--09ST3

Description: This class is the middle-level Orchestra at Van Tech. Students work to develop their instrumental technique on the violin, viola, cello or double bass and musical knowledge in theory and music reading with the goal to enter the Senior Orchestra by grade 10. Older, less experienced students may enroll in this group at the discretion of the director. Classes are held off-timetable. Students in this course are invited to participate in the annual Junior Music Tour. Participation in concert performances is an expectation of this course. Concerts will take place both during the school day and outside of regular school hours. A comprehensive description of music programming is available at www.vtmusic.ca.

Strings 10-12 (Senior Orchestra) (Off Timetable) MMUOR10, MMUOR11, MMUOR12

Description: This class is the premiere performing ensemble of the Strings program at Van Tech. Students work on intermediate and advanced technique on the violin, viola, cello, and double bass and further their musical knowledge in theory and music reading in order to perform increasingly advanced works for string orchestra and, in collaboration with the Band Program, symphony orchestra. Younger, experienced students may enroll in the Senior Orchestra at the discretion of the director. Classes are held off-timetable. Participation in concert performances is an expectation of this course. Students in this course are invited to participate in the annual Senior Music Tour. Concerts will take place both during the school day and outside of regular school hours. A comprehensive description of music programming is available at www.vtmusic.ca.

Choir

Choir 8-12 (Concert Choir) (Off Timetable) MMU--08CC1, MMU--09CC1, MMUCC10, MCMCC11, MCMCC12

Description: The Concert Choir is open to students in all grades at Van Tech. Learn about proper vocal technique while learning to read music in a 4-part ensemble. Our music will span more than 500 years of rich vocal history including Canadian folk, pop, jazz, sacred and secular genres. Opportunities for group public performances will be available. The class is held off-timetable and regular attendance is critical for success. Participation in concert performances is an expectation of this course. Concerts will take place both during the school day and outside of regular school hours. A comprehensive description of music programming is available at www.vtmusic.ca.

Vocal Ensemble 10-12 (Off Timetable) MMUCH11, MMUCH12

Description: This is the premiere choir ensemble at Van Tech. Students will study a variety of traditional and contemporary literature. Genres will include swing, vocal jazz, and other chamber choir literature. This is an auditioned choir and is held off-timetable. In a smaller class setting, vocalists will learn basic improvisation skills, extended part-singing and use of a sound system. Instrumentalists may also audition as members of the rhythm section. Students in this course are invited to participate in the annual Senior Music Tour. Participation in concert performances is an expectation of this course. Concerts will take place both during the school day and outside of regular school hours. A comprehensive description of music programming is available at www.vtmusic.ca.

Students who choose music courses will also be provided with the opportunity to learn a wide variety of employability skills throughout the music making process. These include the fundamental skills to communicate and manage information, the personal management skills to demonstrate positive attitudes and behaviours, be responsible, adaptable and learn continuously, and the teamwork skills to work with others.

CAREER EDUCATION

Career Life Connections (CLC) [MCLC-12]

Students will be assigned to a group and a teacher to work together during class time for the first part of the school year. During this initial period students will explore personal career-life development and connections with the community, along with establishing a capstone project proposal and plan. Students will continue to work with the support of the teacher throughout the school year, culminating with a showcase of their capstone projects in May. We want students to continue to sign up for all of the courses that they want to take, so will offer this course off-timetable to students with a full slate of 8 for 2019-2020.

Career Life Education (CLE) 10 [MCLE-10]

In Grades 10-12, students further refine personal career-life development (CLE) goals through experiential learning, cultivating community connections, gathering authentic evidence of learning, and reflecting on competency development. They explore post-graduation possibilities in diverse educational, work, and personal life contexts and build the personal career-life management skills needed to effectively pursue who and how they want to be in the world. CLE and CLC are part of the graduation requirements, and Career-Life Connections includes a career-life exploration component and a capstone.

COURSES FOR STUDENT SUPPORT

Skills, Competencies & Learning Strategies 8-12 (SCLS 8-12) XLDCD10, YLE--0A, YLE--1A

Referral Process: This course is NOT an elective. Students MUST be recommended to this course by a counsellor, teacher or administrator through a referral process that requires approval by the SCLS Program teacher, the Special Education department head and the grade administrator. Students may also be referred and approved through the articulation process.

Course Overview: This multi-graded course is designed to support students in learning the necessary skills, competencies and strategies required to achieve greater success in their courses and school in general. The course will focus on improving skills and strategies for studying, test-taking, note-taking, time-management, organization, and foundational skills in the core academic subjects. The course will also focus on developing students' capacities and competencies with respect to critical and creative thinking, communication, personal and social responsibility and personal and cultural identity.

BA Peer Tutoring 12 YIPS-2B

Description: This locally developed, elective course is designed to provide Grade 11 and Grade 12 students with the opportunity and skills to tutor Grade 8 and 9 students who need help to succeed in school. The tutor will help students acquire skills such as reading, writing, critical and creative thinking, and basic mathematics. Under the direction of the Skills teacher tutors work one-to-one with a Grade 8 or 9 student; keep a block journal; are provided with an introduction to a diversity of instructional techniques and skills; while making a worthwhile contribution to another's educational opportunities. Assessment is based on written daily journals, good attendance, and participation.

Community Service 11 & 12 YCPM-1D

A Teacher Assistant works with one teacher in a variety of service activities intended to promote the teacher's instructional goals (**excluding major marking and mark data entry**) and the TA's personal development in terms of organization, leadership and self-awareness. Candidates may arrange their own placements.

Library Services 11 YCPM-1DDA2

This is a CS 11/12 course. This course provides students with a work-like experience in a school library under the direction of the teacher-librarian. While providing service to the students and staff, students acquire skills and attitudes which are transferable to other work and community settings. Students acquire library-specific clerical and technical skills under the supervision of the teacher-librarian. With guidance, students develop interpersonal skills

working with peers and staff. Students develop the ability to be self-directed, to work independently and to recognize when it is appropriate to ask for assistance or direction. Students are assessed through self and teacher evaluation using the criteria set out in the course expectations. Once completed Library Services 11, students will be eligible for CS credits the following year in the library if they wish to do so.

WORK EXPERIENCE

Work Experience 12 MWEX-2A

Credit: 4 credits

Leads to: Work Experience Certificate, hands-on experience working with different age groups of people (preschool-aged children, elementary school-aged children and seniors) and explore career paths in Human Service fields.

Tourism, one of the **world's fastest growing industries**, provides more employment opportunities than any other industry. It is a diverse industry which offers opportunities in accommodations, food and beverage, adventure tourism, transportation, and events and conferences. The course offers several fieldtrips which allows students to experience and see first hand the tourism industry at work. In addition, Work Experience in Tourism will allow for the combination of classroom studies and practical experience in the tourism industry. Students may continue their studies in tourism diploma or degree programs at colleges and universities.

Work Experience 12A

Credit: 4 credits

Leads to: Work Experience Certificate and marketable skills.

Description: Provides hands-on experience working in the tourist industry. Students are required to complete a minimum of 100 hours of on the job training. Placements are in hotels, restaurants, travel agencies, tour companies, and recreation centres.

WORK EXPERIENCE PROGRAMS

Work Experience is a program which integrates classroom theory with practical experience in the workplace. It provides an opportunity for Grade 11 and 12 students to explore a career choice and to gain valuable work experience before proceeding to post secondary education or starting work on a full time basis. As a result, students will be better able to make sound and realistic decisions about their future. The goals of the work experience program are to:

- Improve the transition between school and workplace for students who enroll in post secondary coop programs at university and technical institutions.
- Complement the theory our students learn in school by providing the opportunity to gain practical experience in realistic learning environments.
- Provide access to equipment and expertise not available in Vancouver school buildings.
- Enhance our school-community relationships through the excellence of our programs.
- Provide our students with access to more part-time job opportunities through work experience sponsors.

With careful and early planning of course programs, students have the opportunity to complete requirements for both university entrance and Career Preparation. This opens doors to both the world of work and to advanced academic education.

Work Experience opportunities are available in the following areas: Art, Accounting, Science, Drafting, Culinary Arts, Electronics, Fashion Design, General Mechanics, Graphics, Hairdressing, Human Services, Metal Technology, Marketing, Music, Tourism, Wood Products, and Writing Careers.

WORK EXPERIENCE STUDENTS ARE EXPECTED TO COMPLETE

- secondary school graduation requirements
- an approved course package in a work experience specialty area
- a minimum of 90 hours of work experience for full credit as one of the program courses WEX12

STUDENTS IN WORK EXPERIENCE PROGRAMS

- explore their potential with on-the-job experience
- acquire the knowledge, skills, and attitudes required for employment in a number of related fields
- meet entrance requirements for similar programs offered at post secondary institutions.

Our school programs prepare and provide opportunities for students to develop skills essential to the workplace. Work experience sponsors have indicated that the most highly valued character traits are communication skills and interpersonal skills. Besides promoting these two prominent skills, Work Experience students are also guided towards the development of coping and decision-making skills, ethical and behavioural standards, and accountability. Students are evaluated on a large number of characteristics, many of which are not appraised in the regular classroom; appropriate grooming, attitude, organization, competency, confidence, conscientiousness, cooperation, dependability, friendliness, quality of work, reliability, and responsibility.

CERTIFICATION

Upon completion of the Work Experience Program the student receives the Work Experience Program Specialty Certificate, 4 course credits and a final course mark. Students wishing to proceed to trades programs at BCIT will be able to submit a special work experience application form and be considered for early registration. See your counsellor for details.

SECONDARY SCHOOL APPRENTICESHIP

Secondary School Apprenticeship (SSA) is a career program available to students in Vancouver secondary schools.

The SSA program provides students with the opportunity to begin apprenticeship training while completing secondary school graduation requirements. Students will be registered as apprentices and will be paid for their work by an employer who agrees to provide provincially approved apprenticeship training.

To qualify, students must be enrolled in school courses related to their chosen trade and demonstrate a sincere commitment to completing the apprenticeship. It is generally expected that by graduation, SSA students will have completed their graduation requirements plus the first year of their apprenticeship, including 480 hours of on-the-job training for which 16 graduation credits are awarded.

Upon graduation, students will continue apprenticeship training with an employer and the required technical training at a post secondary institution.

This is a unique opportunity for students to begin post secondary education while completing secondary school graduation requirements.

This program is available to students who are 15 years of age or older and who will complete all graduation requirements before leaving secondary school.

The Secondary School Apprenticeship Program is available for students in Culinary Arts, Hairdressing, General Mechanics, Machinist/Metal Technology and Electronics. See your counsellor for more information.

The Vancouver School Board offers several district programs designed for our students interested in pursuing a career in a trade. These programs provide a huge jump start for students.

The benefits include:

- dual credit with a post secondary institution (most programs)
- head start with pre-apprentice/ELTT/Foundation program training
- registration with the Industry Training Authority (ITA)
- may lead directly into an apprenticeship
- work experience in the trade

For more information and an application form, please visit the VSB Career Programs website: www.vsb.bc.ca → students → K to 12 students → Career Programs and the Industry Training Authority website: www.itabc.ca

All students applying for ACE-IT programs should register at their home school with a full course load. Schools will be asked to modify students' timetable when the student is accepted into an ACE-IT program. Secondary School apprentice applications are considered on an on-going basis.

ACE IT Programs:

The Vancouver School Board offers district programs for students to pursue industry certification or the foundation level of a trade program. These programs save time and money and offer a huge jump start for students who are also working towards high school graduation. The benefits include:

- Dual credit with post-secondary institution (most programs)
- Head start with Foundation program training
- Registration with the Industry Training Authority (ITA)
- Potential direct lead into an apprenticeship
- Work experience in the trade

For more information and an application form, please visit the VSB Career Programs website: careerprograms.vsb.bc.ca - links to ACE IT, a pdf brochure for each program, and the application package. Also visit the Industry Training Authority website: www.itabc.ca. All students *applying* for ACE IT programs should register at their home school with a full course load. Schools will be asked to modify a student's timetable if the student is accepted into an ACE IT program.

Certification: successful completion of program will lead either to *Level 1 technical training credit* or a *Certificate of Qualification from the Industry Training Authority*.

Program	Where the program is taught	Credits towards graduation program	Timetable	Application Due	Month program begins
Auto Refinishing Preparation	VCC	20 credits	Monday - Thursday 8:00 am - 3:00 pm	November 30	February
Auto Collision Repair Technician	VCC	28 credits	Monday - Thursday 8:00 am - 3:00 pm	March 1	September
Auto Service Technician	Britannia	16 credits	Day 2	March 1	September
Baking and Pastry Arts	VCC	24 credits	Monday - Thursday 1:00 pm - 7:15 pm	November 30	August
Hairdressing	VCC	32 credits	Monday - Friday	March 1	September
	Coquitlam SD				February - 2 semesters
Carpentry	BCIT	16 credits	February - June Monday - Friday Semester 2	March 1	February
	Coquitlam SD	20 credits			
Cook	Sir Charles Tupper (priority to SCT students)	16 credits	Day 2	March 1	September
Cook	David Thompson	16 credits	Day 2	March 1	September
** Heavy Mechanical Trades	VCC – Annacis Island	32 credits	Monday - Thursday 36 weeks	3 months prior to intake	Feb, April, July, Sept & Nov
Plumbing	Piping Industry College of BC	4 credits	Mid-June to late July	March 1	June
Painting	Finishing Trades Institute of BC	4 credits	Mid-June to late July	March 1	June
** Millwright	BCIT	20 credits	Monday - Friday	March 1	February
** Motorcycle & Power Equipment	BCIT	20 credits	Monday - Friday	March 1	February
** Metal Fabrication	BCIT	20 credits	Monday - Friday	March 1	February

Secondary School Apprenticeship

Students with the skills and connections can start an apprenticeship in high school. Students who are already working in an apprenticeable trade can formalize the apprenticeship relationship with their employer. There are 4 courses (16 credits) available to these students when they have a formal ITA agreement arranged through Wendy Gilmour, Apprenticeship Facilitator 604-713-4470. Information and application forms are available on the VSB website: careerprograms.vsb.bc.ca/ → Our Programs → Secondary School Apprenticeship

Dual Credit programs:

Healthcare

Students will prepare to work as front line caregivers in home support, adult day care, assisted living, and complex care (including special care units).

- 28 weeks (September to March)
- 28 graduation credits
- Vancouver Community College

For additional information an application can be found on the VSB Career Programs website at: careerprograms.vsb.bc.ca/ → Our Programs → Healthcare Assistant

Trades Sampler (Grade 12 or 12+)

A hands-on program through BCIT that gives students an overview in approximately 15 different trades including metal fabrication, welding, framing, and electrical.

- 12 weeks – February to May
- Monday to Friday, 7:00 am – 1:00 pm
- 12 graduation credits, if needed

For more information on the Trades Discovery program, contact Wendy Gilmour (wgilmour@vsb.bc.ca).

School-based Programs:

Tupper Tech - Skilled Trades Program at Sir Charles Tupper Secondary

A program for students who are not sure which trade is right for them.

- Day 2
- Students may be able to remain registered @ home school Day 1 for academics
- 24 graduation credits
- Grade 12 program

For more information on Tupper's program, contact Ms. Siu Ma (ssma@vsb.bc.ca) or visit our Program website: careerprograms.vsb.bc.ca/ → Our Programs → Tupper Tech

Fashion Design and Technology

Students will enhance their construction skills; study history of costume, fashion merchandising; practice tailoring techniques and pattern drafting. Basic computer assisted design and fashion illustration will be practiced. In year 2, students will complete the graduation collection and portfolio needed for post-secondary entrance. Students may have the opportunity to participate in dual credit opportunities with a Fashion Design Program at a local post-secondary institute.

- Two-year cohort program: grade 11 & 12
- Day 2
- Eric Hamber Secondary

For additional information an application can be found on the VSB Career Programs website at: careerprograms.vsb.bc.ca/ → Our Programs → Fashion Design & Technology

IT and CISCO Networking Program

Students will diversify and enhance their computer knowledge by building a computer, installing software and connecting the computer to networks and to the internet.

- Grade 12
- Day 2
- Killarney Secondary
- One-year cohort program
- Hands-on, laboratory courses
- Prepare for industry-recognized certification
- Receive advanced placement at BCIT

For additional information an application can be found on the VSB Career Programs website at: careerprograms.vsb.bc.ca/ → Our Programs → CISCO

POST SECONDARY ADMISSION REQUIREMENTS

Students, with parental guidance and counsellor assistance, are responsible for checking current calendars, websites and other publications with regard to any changes that may affect their plans for further education. Students are responsible for obtaining and carefully completing appropriate application forms, meeting the stated deadlines, and other admission requirements and criteria. Some local post secondary application forms are available in the school, although on-line application is strongly recommended. Website addresses are listed below.

If your first language is not English, post secondary institutions may require that you provide evidence of English language proficiency by writing the “Test of English As a Foreign Language” (TOEFL). See the individual post secondary institution calendars for details. Information on TOEFL is available in the Career Centre or on the website below.

Post Secondary References

- Apply to several BC post secondary schools on-line: <http://www.pas.bc.ca>
- For a list of schools in Ontario, and to apply to most Ontario post secondary institutes visit www.compass.ouac.on.ca (Ontario Post Secondary Application Service)
- SAT and US Post Secondary Information: www.collegeboard.com
- Test of English as a Foreign Language: www.toefl.org
- Grad Planner 2004, provincial examinations, transcripts and scholarship: www.bced.gov.bc.ca/graduation
- BC’s education planning website: www.educationplanner.bc.ca
- The purpose of the Language Proficiency Index (LPI) is to provide information about an individual’s competency in English. This information is used primarily by post-secondary institutions and professional organizations within British Columbia: www.ares.ubc.ca/LPI/index.html
- Information on the different programs offered at Canadian, American and International schools: www.schoolfinder.com
- BC Council on Admissions & Transfer (this is a must if you are planning on transferring from college to university): www.bccat.bc.ca
- This site provides Canada’s largest course-to-course transfer database, with information on thousands of courses and their transfer potential: www.bctransferguide.ca

Career Planning and Labour Market Information

- This website and the information resource guide were designed to steer users toward an array of selected career learning and labour market information (LMI) sources and tools, handpicked by knowledgeable practitioners: www.whatskey.org
- *Guide to the BC Economy and Labour Market* is an excellent source of information about historical and current trends, as well as the long-term outlook for the provincial economy and the labour: www.guidetobceconomy.org
- BC Occupational Outlooks: www.workfutures.bc.ca
- Ministry of Education career planning section website: www.bced.gov.bc.ca/careers/planning
- Ministry of Advanced Education: www.aved.gov.bc.ca
- The site features information on: job descriptions, skill requirements, employment prospects, wages and salaries, lists of potential employers and where to get training: www.labourmarketinformation.ca
- BC Stats site features information on BC population, the economy, labour force, employment and earnings: www.bcstats.gov.bc.ca/index.htm
- BC Work Info Net: www.workinfontet.bc.ca/youth
- This site provides the latest information on the Canadian labour market, including current labour market conditions and economic forecasts for 226 occupational groups: www.jobfutures.ca
- How about this comprehensive, fun and informative site including labour market, assessment and career information, with a home page which profiles new occupations on a daily basis (to access the information, click on **British Columbia, then choose** ‘Student’ or ‘Professional’: www.careerexplorer.net
- Career Cruising (Username: Vancouver / Password: technical): www.careercruising.com
- Bridges web free service provides access to updated career-related news, conferences, online resources and organizations. It contains free online subscription to the latest career development information and timely labour market articles: www.bridges.com

Scholarships, Loans and Bursaries Information

- National Student Loan Website, sponsored by the Federal Government of Canada: www.canlearn.ca

- Information about awards throughout Canada: www.studentawards.com
- Entrance Scholarship Directory, up to 60,000 scholarships listed: www.scholarshipscanada.com
- Guide to financial aid, primarily US links: www.finaid.org
- Ministry of Education sites and links: www.bced.gov.bc.ca/awards
- Scholarship search based on deadlines and school districts: www.bcawardsonline.sd61.bc.ca
- Scholarship search sponsored by Monster: www.fastweb.monster.com
- BC awards for athletics and sports: www.bcschoolsports.ca/pages/links.php
- Listings of scholarships and exchange programs in Canada: www.aucc.ca
- Canadian Merit Scholarship Foundation: www.cmsf.ca
- National Adult Literacy Database: www.nald.ca
- Sponsored by Human Resources Development Canada, information on Student Loans: www.hrsdc.gc.ca/en/home/shtml
- US Scholarship site: www.apps.absolutelyscholarships.com
- College Board Scholarship Search (primarily US information): www.collegeboard.com/?student
- US Scholarship site: www.collegeboard.com

Public Colleges & Universities in B.C.

- British Columbia Institute of Technology (BCIT): www.bcit.ca
- Camosun College (Victoria): www.camosun.bc.ca
- Capilano College: www.capcollege.bc.ca
- College of the Rockies (Cranbrook): www.cotr.bc.ca
- College of New Caledonia (Prince George): www.cnc.ba.ca
- Douglas College: www.douglas.bc.ca
- Emily Carr Institute of Art + Design: www.eciad.bc.ca
- All Nations Institute: (First Nations College) www.all-nations.ca
- Kwantlen University College: www.kwantlen.bc.ca
- Langara College: www.langara.bc.ca
- Malaspina University College (Nanaimo): www.mala.bc.ca
- Nicola Valley Institute of Technology (Merritt): www.nvit.bc.ca
- North Island College (Courtney): www.nic.bc.ca
- Northern Lights College (Dawson Creek): www.nlc.bc.ca
- Northwest Community College (Terrace): www.nwcc.bc.ca
- Okanagan College (Kelowna): www.okanagan.bc.ca
- Royal Roads University (Victoria): www.royalroads.ca
- Selkirk College (Castlegar): www.selkirk.bc.ca
- Simon Fraser University: www.sfu.ca
- Thompson Rivers University: www.tru.ca
- Trinity Western University: www.twu.ca
- University of BC: www.ubc.ca
- University of BC Okanagan Campus: www.okanagan.ubc.ca
- University Canada West: www.universitycanadawest.ca
- University College of the Fraser Valley (Abbotsford): www.ucfv.bc.ca
- University of Northern BC (Prince George): www.unbc.ca
- University of Victoria: www.uvic.ca
- Vancouver Community College: www.vcc.bc.ca
- Listing of schools in the US visit: www.collegenet.com
- SAT I and SAT II visit: www.collegeboard.com

For a list of schools in Ontario, and to apply to most Ontario post secondary institutes visit www.compass.ouac.on.ca (Ontario Post-Secondary Application Service).

For information and listing of schools in the US visit www.collegenet.com and www.collegeboard.com for information on SAT I and SAT II testing etc.

GRADE 8 & 9 PROGRAM REQUIREMENTS

FOUNDATION COURSES	
GRADE 8	GRADE 9
(all students must take these courses)	
English 8	English 9
Social Studies 8	Social Studies 9
Math 8	Math 9 / EMA 9
Science 8	Science 9
Physical Education 8	Physical Education 9
French 8	+ 3 electives
Fine Arts 8 or Band 8	
Applied Skills 8	

PROVINCIAL EXAM SCHEDULE

Please go to <http://www.bced.gov.bc.ca/exams/> for the 2020 Exam Schedule.

*** All Provincial Examinations are designed to be completed within two hours. Students are permitted one additional hour to complete, if required.**

GRADUATION PROGRAM REQUIREMENTS

Certificate of Graduation - 2004 Graduation Program

The B.C. Certificate of Graduation or "Dogwood Diploma" is awarded to students who successfully complete the provincial graduation requirements.

Students graduating in 2017/18 are in the 2004 Graduation Program.

Requirements for students on the 2004 Graduation Program

In order to graduate under the 2004 Graduation Program, you must pass specific courses. Overall, you must acquire 80 credits from a combination of required courses, elective courses and the Graduation Transitions program.

You should make sure to take the right courses by checking in with your school counselor or by reviewing the [Grad Planner \(PDF, 5.7 MB\)](#).

Required Courses for students on the 2004 Graduation Program (48 credits)

- Planning 10 (4 credits)
- a Language Arts 10 (4 credits)
- a Language Arts 11 (4 credits)
- a Language Arts 12 (4 credits)
- a Mathematics 10 (4 credits)
- a Mathematics 11 or 12 (4 credits)
- a Fine Arts and/or Applied Skills 10, 11 or 12 (4 credits)
- a Social Studies 10 (4 credits)
- a Social Studies 11 or 12 (4 credits)*
- a Science 10 (4 credits)
- a Science 11 or 12 (4 credits)
- Physical Education 10 (4 credits)

* The most commonly used courses to satisfy the Social Studies 11 or 12 graduation requirement on the 2004 Graduation Program are Social Studies 11, Civic Studies 11, and BC First Nations Studies 12. To find other courses that may also satisfy this requirement, please contact the ministry: EDUC.GradStandards@gov.bc.ca

Elective Courses for students on the 2004 Graduation Program (28 credits)

Credits from elective courses will be counted from Grades 10 to 12. When planning course selection, remember that at least 16 overall credits must be at the Grade 12 level. Some of these credits may come from required courses (like a Grade 12 Language Arts course) while others can be elective courses.

Graduation Transitions for students on the 2004 Graduation Program (4 credits)

All B.C. secondary school students in Grades 10, 11 and 12 are given the responsibility of preparing for life after secondary school by setting education, career and life goals. More detailed information is available in the program guide.

Certificate of Graduation - 2019 Graduation Program Requirements

The B.C. Certificate of Graduation or "Dogwood Diploma" is awarded to students who successfully complete the provincial graduation requirements.

If you are entering Grade 10 or 11 in 2017/18 or later you are on the 2018 Graduation Program. To graduate, you will require 80 credits total – with a minimum of 16 at the Grade 12 level, and 28 elective course credits. 52 credits are required from the following:

- Two Career Education courses (8 credits total)
- Physical and Health Education 10 (4 credits)
- Science 10 (4 credits), and a Science 11 or 12 (4 credits)
- Social Studies 10 (4 credits), and a Social Studies 11 or 12 (4 credits)
- A Math 10 (4 credits), and a Math 11 or 12 (4 credits)
- A Language Arts 10, 11 & 12 (12 credits)
- An Arts Education 10, 11, or 12 and/or an Applied Design, Skills, and Technologies 10, 11, or 12 (4 credits)

In addition, students on the 2018 Graduation Program must also complete the two new Graduation Assessments:

- Numeracy Assessment
 - o The Numeracy Assessment will be introduced in 2018
 - January 2018 - managed implementation with small subset of students
 - June and August 2018 - full provincial implementation
- Literacy Assessment
 - o The Literacy Assessment will be introduced in January 2020 (students graduating in the 2018/19 school year will take a Language Arts 12 course and associated provincial exam to satisfy this graduation requirement for the 2018 Graduation Program).

NOTE: Students must meet the career education graduation requirement with:

- Career Life Education
- Career Life Education/Career Life Connections + Capstone

Credits must be earned in the following subject areas or courses:

- A Language Arts 10 (4 credits)
- A Language Arts 11 (4 credits)
- A Language Arts 12 (4 credits)
- A Social Studies 10 (4 credits)
- A Social Studies 11 or 12 (4 credits)
- A Mathematics 10 (4 credits)
- A Mathematics 11 or 12 (4 credits)
- A Science 10 (4 credits)
- A Science 11 or 12 (4 credits)
- Physical and Health Education 10 (4 credits)
- An Arts Education and/or an Applied Design, Skills, and Technologies 10, 11, or 12 (4 credits)
- Career Life Education (4 credits)
- Career Life Connections (4 credits)

A list of all courses that may be used to satisfy these requirements is found in the online [Course Registry](#). Information about options for satisfying the requirements for Fine Arts and/or Applied Skills (4 credits) is found in

the [Fine Arts and Applied Skills Requirements in the Graduation Program Policy](#) and in the [Handbook of Procedures for the Graduation Program](#).

Electives

Students must complete a minimum of 28 [elective credits](#). These 28 credits may be from Ministry-authorized or [Board/Authority Authorized \(BAA\) courses](#), post-secondary courses or [external credentials](#), but not Locally Developed courses. Once the credits for required courses have been met, additional courses in that subject area count as elective credits.

Provincial Graduation Assessments

Students must write a provincial Graduation Numeracy Assessment (GNA) and a provincial Graduation Literacy Assessment (GLA) in order to graduate. The first administration of the Graduation Literacy Assessment will be in 2019/20.

Other requirements and options for earning credits

Students must complete a minimum of 16 credits at the Grade 12 level, 12 credits in addition to a required Language Arts 12 course. These twelve Grade 12 credits may be for required courses, electives, Independent Directed Study, External Credentials, or dual credit post-secondary courses (see the Earning Credit through Equivalency, Challenge, External Credentials, Post-Secondary Credit and Independent Directed Studies Policy for additional information).

Vancouver School Board

Adult Education

The Vancouver Board of Education operates two Adult Education (AE) centres in Vancouver, South Hill Education Centre and the Gathering Place Education Centre. AE centres provide students with a wide choice of learning opportunities that range from the basic literacy level (Ministry Foundations courses, Levels 1-7) to high school completion. The Foundations courses help students develop or strengthen specific core skills needed for successful completion of Grade 10/11/12 courses, and senior academic credits lead to high school completion to allow students to gain or upgrade Grade 10/11/12 credits. All courses, both Foundations and Grade 10/11/12, follow prescribed Ministry curriculum. Adult Education also runs one Foundations level outreach program at Britannia Secondary in partnership with Canuck Family Education Centre, and one senior academic credit youth program located at South Hill Education Centre.

To meet student needs for flexible programming, centres offer courses from early morning to evening, including Saturdays and operate year-round:

- Quarter (9week terms; beginning 4 times a year: Sept, Nov, Feb, Apr)
- Semester (18 week terms; beginning 2 times a year; Sept and Feb)
- Summer term (5 week term)

Depending on student needs, AE centres provide a variety of course formats which may include:

- Self-paced courses (blended paper-based instruction with face-to-face assistance) from Foundations to Grade 10-12 courses – Gathering Place and South Hill Education Centre
- Structured courses at the Foundations and Grade 10/11/12 levels – South Hill Education Centre

Students at our AE centres reflect the diversity of language and cultural backgrounds in Vancouver and range in age from 16 to seniors. Each of the centres responds to the specific needs of its community and program offerings reflect student course requests and enrollment patterns. Please note that students attending adult centres must be 16 years old (on July 1 of the current school year) and follow MOE course concurrency rules to be eligible for Ministry funding.

- Gathering Place Education Centre Tel: (604)257-3849 <http://go.vsb.bc.ca/schools/adulted>
- South Hill Education Centre Tel: (604)713-5770 <http://go.vsb.bc.ca/schools/adulted>

COURSE CODES

COURSE NAME	COURSE CODE
English 8	MEN--08
English 9	MEN--09
English 10 - Literary Studies & Composition	PKG--10I
English 10 - Literary Studies & Creative Writing	PKG--10K
English 10 - New Media (film) & Creative Writing	PKG--10G
English 10 - New Media (modern) & Creative Writing	PKG--10J
English 10 - New Media & Composition	PKG--10H
English 10 - Spoken Language & Composition	PRG--10L
English 11 - Composition	MCMCC11
English 11 - Creative Writing	MCTWR11
English 11 - Literary Studies (Understanding ourselves & the World)	MLTST11
English 11 - Literary Studies (Genre Studies)	MLTST11DC1
English 11 - New Media Film	MNMD-11
English 11 - Spoken Language (Dramatic Arts)	MSPLG11
Psychology 11	YPSYC1A
English 12	MENST-12
English First Peoples 12	MENFP12
Creative Writing 12	MCTRW12
Literary Studies 12 (English Literature by Era)	MLTST12
French Immersion Skills Support	XSPBK08
Francais Langue 11	FLCF-11
Justice Sociale 11	FSJF-12
Francais Langue 12	FFRAL12
Peer Tutoring 11	YFIPS1A
French 8	MFR--08
French 9	MFR--09
French 10	MFR--10
French 11	MFR--11
French 12	MFR--12
Mandarin 9	MMAN-09
Mandarin 10	MMAN-10
Mandarin 11 - Introductory	MBMAN11
Mandarin 11	MMAN-11
Mandarin 12	MMAN-12
Spanish 9	MSP--09
Spanish 10	MSP--10
Spanish 11 - Introductory	MBSP-11
Spanish 11	MSP--11
Spanish 12	MSP--12

COURSE NAME	COURSE CODE
Math 8	MMA--08
Math 9	MMA--09
Workplace Math 10	MWPM-10
Foundations of Math & Pre-Calculus 10	MFMP-10
Apprenticeship & Workplace Math 11	MWPM-11
Foundations of Math 11	MFOM-11
Pre-Calculus 11	MPREC11
Computer Science 11	MMACS11
Apprenticeship & Workplace Math 12	MAPPR12
Foundations of Math 12	MFOM-12
Pre-Calculus 12	MPREC12
AP Calculus 12	ACAL-12
Science 8	MSC--08
Science 9	MSC--09
Science 10	MSC--10
Specialized Science 12: Astronomy	MSPSC12
Life Sciences 11	MLFSC11
Chemistry 11	MCH--11
Physics 11	MPH--11
Science for Citizens 11	MSCCT11
Anatomy & Physiology 12	MATPH12
Chemistry 12	MCH--12
Geology 12	MGEOL12
Physics 12	MPH--12
Social Studies 8	MSS--08
Social Studies 9	MSS--09
Social Studies 10	MSS--10
Asian Studies 12	MASIA12
BC First Peoples 12	MBCFP12
Comparative Cultures 12	MCMCL12
Contemporary Indigenous Studies 12	MINST12
Economics 12	MEC--12
History 12	MWH--12
Geography 12	MPGEO12
Law Studies 12	MLTST-12
Philosophy 12	MPHIL12
Social Justice 12	MSJ--12
Entrepreneurship & Marketing 9	MADEM09
Accounting 11	MAC--11
Accounting 12	MAC--12
Marketing 11	MMAP-11

COURSE NAME	COURSE CODE
Entrepreneurship 12	MENT-12
ADST - Digital Literacy 8	MADDL08
ADST - Textiles 8	MADT-08
ADST - Woodwork 8	MADW-08
Info Tech 9 (Game Design)	MADIT09
Computer Studies 10 (Game Design)	MCSTU10
Computer Info Systems 11 (Game Design)	MCINF11
Computer Programming Systems 11	MCMPR11
Digital Media 12 (Game Design)	MDMD-12
Computer Development Info Systems 12	MCINF12
Tourism 11	MTRM-11
Tourism 12	MTRM-12
Textiles 9	MADT-09
Textiles 10	MTXT-10
Textiles 11	MTXT-11
Textiles 12	MTXT-11
Fashion Industry 12	MFIND12
Foods 9	MADFS09
Foods 10	MFOOD10
Foods 11	MFOOD11
Foods 12	MFOOD12
Culinary Arts 10	MCUL-10
Culinary Arts 11	MCUL-11
Culinary Arts 12	MCUL-12
Power Technology 9	MADPT-09
Power Technology 10	MTPOW10
Automotive Technology 11	MTAUT11
Automotive Technology 12	MTAUT12
Automotive Technology 12 (Engine & Drivetrain)	MTEAD12
ADST - General Explorations 8	MADGE08
ADST - Drafting 9	MADD-09
Drafting 10	MTDRF-10
Industrial Design 11	MID--11
Drafting & Design 11	MTDRF11
Industrial Design 12	MID--12
Drafting & Design 12	MTDRF12
Industrial Coding & Design 12	MTICD12
Peer Tutoring 12 - Tech Mentorship	YIPS-2BDA2
Graphics 9	MADMA09
Graphics 10	MMEDD10
Graphics 11	MMEDD11

COURSE NAME	COURSE CODE
Graphics 12	MMEDD12
Yearbook Production	MGRPR12
Metalwork 9	MADM--09
Jewellery 10	Y1A--0A
Metalwork 10	MTMET10
Metalwork 11	MTMET11
Metalwork 12	MTMET12
Art Metal & Jewellery 12	MTAMJ12
Robotics & Electronics Design 9	MADER09
Robotics & Electronics Design 10	MTEAR10
Robotics & Electronics Design 11	MTELE11
Robotics & Electronics Design 12	MTELE12
Engineering 11	MENR-11
Engineering 12	MENR-12
Woodwork 9	MADW-08
Woodwork 10	MWWK-10
Woodwork 11	MWWK-11
Woodwork 12	MWWK-12
Woodwork 12 - Furniture & Cabinetry	MTFAC12
Physical & Health Education 8	MPHE-08
Physical & Health Education 9	MPHE-090
Physical & Health Education 10	MPHED10
Active Living 11	MACLV11
Active Living 11G	MACLV11G
Active Living 12	MACLV12
Active Living 12G	MACLV12G
Physical & Health Education 11 - Fitness & Conditioning	MFTCD11
Physical & Health Education 12 - Fitness & Conditioning	MFTCD12
Physical & Health Education 11 - Soccer	MACLV11ILD
Physical & Health Education 12 - Soccer	MACLV12ILD
Outdoor Education 11	MODED11
Outdoor Education 12	MODED12
Yoga & Well-Being 11	YLRA-1A
Yoga & Well-Being 12	YLRA-2A
Leadership 11	YHRA-1A
Leadership 12	YHRA-2A
Fine Arts 8	MVA--08
Art 9	MVA--09
Visual Art 3D 9 (Ceramics & Sculpture)	MVA--09CR1
Art 10	MVAST10
Visual Art 2D 10 (Drawing & Painting)	MVAD-10

COURSE NAME	COURSE CODE
Visual Art 3D 10 (Ceramics & Sculpture)	MVAC-10
Art Foundations 11	MVAST11
Studio Arts (Ceramics & Sculpture)	MVAC-11
Studio Arts (Drawing & Painting)	MVAD-11
Art Foundations 12	MVAST12
Studio Arts 12 (Ceramics & Sculpture)	MVAC-12
Studio Arts 12 (Drawing & Painting)	MVAD-12
Photography 11	MVAPH11
Photography 12	MVAPH12
AP Studio Art 12	ASAD-12
Drama 8	MDR--08
Drama 9	MDR--09
Jr Theatre Company 9	MDR--09C01
Drama 10	MDRM-10
Jr Theatre Company 10	MDRTC10
Theatre Performance 11	MDRM-11
Theatre Production 11	MDRTP11
Theatre Company 11	MDRTC11
Theatre Company 12	MDRTC12
Drama 12	MDRM-12
Theatre Production 12 - Technical Theatre	MDRTP12
Film/Video Production 11	MVAMT11
Film/Video Production 12	MVAMT12
Band 8 Beginner	MMU--08BA1
Band 8 Intermediate	MMU--08BA3
Band 9 Beginner	MMU--09BA1
Band 9 Intermediate	MMU--09BA3
Sr Band 10	MMUCB10
Sr Band 11	MIMCB11
Sr Band 12	MIMCB12
Jazz Band 10	MMUJB10
Jazz Band 11	MIMJB11
Jazz Band 12	MIMJB12
Strings 8 Beginner	MMU--08ST1
Strings 9 Beginner	MMU--09ST1
Strings 8 Jr Orchestra	MMU--08ST3
Strings 9 Jr Orchestra	MMU--09ST3
Strings 10 Sr Orchestra	MMUOR10
Strings 11 Sr Orchestra	MMUOR11
Strings 12 Sr Orchestra	MMUOR12

COURSE NAME	COURSE CODE
Choir 8	MMU--08CC1
Choir 9	MMU--09CC1
Choir 10	MMUCC10
Choir 11	MCMCC11
Choir 12	MCMCC12
Vocal Ensemble 10	MMUCH10
Vocal Ensemble 11	MMUCH11
Vocal Ensemble 12	MMUCH12
Career Life Connections	
Career Life Education 10	
Skills, Competencies & Learning Strategies	XLDCD10
BA Peer Tutoring	YIPS-2B
Community Service 11 & 12	YCPM-1D
Library Services 11	YCPM-1DDA2
Work Experience 12	MWEX-2A