

# **COURSE SELECTION HANDBOOK**

**2019 – 2020  
Grade 9 to 12**



**TAMANAWIS  
Secondary School**

# Grade Nine Plan

## *What Courses Do I Need to Take?*

1. English 9
2. Mathematics 9
3. Physical Education 9 (Boys/Girls)
4. Science 9
5. Social Studies 9
6. Applied Skills Elective
7. Fine Arts Elective
8. Elective

## **NOTE**

1. At least one of the electives must be a Fine Art (Dance, Drama, Music or Visual Arts) and at least one of the electives must be an Applied Skill (Technology Education, Information Technology, Home Economics or Business Education)
2. Students are strongly encouraged to continue selecting a language class as an elective for as long as possible.
3. Students begin the Graduation Program in their Grade 10 year. Careful and thoughtful selection of electives during Grade 9 is important in the beginning to identify a focused area of study which students will be asked to consider and choose as they enter the Graduation Program.

# **The Graduation Program**

## **Grades 10/11/12**



# OVERVIEW OF THE GRADUATION PROGRAM

## REQUIRED CREDITS

A total of 80 credits are needed for Graduation.

These are 52 of the 80 credits required for Graduation:

- Language Arts 10, 11,12 (12 credits)
- Math 10 and 11 or 12 (8 credits)
- Physical Education 10 (4 credits)
- Career Life Education 10 (4 credits)
- Science 10 and a Science 11 or Science 12 (8 credits)
- Socials Studies 10 and a senior Social Studies (8 credits)
- Fine Arts or Applied Skills 10, 11 or 12 (4 credits)
- Career Life Connections 12 (4 credits)

To graduate you need the 52 credits from required courses (listed above) and a minimum of 28 credits from elective courses. A minimum of 16 credits must be at the Grade 12 level, including Language Arts 12. (All courses must be ministry authorized or board authorized/approved courses).

More information regarding the graduation program can be found at [www.bced.gov.bc.ca/graduation](http://www.bced.gov.bc.ca/graduation).

## Graduation Exams:

Currently, to graduate, students must write the **Numeracy Assessment** and the required **English Language Arts 12** or **Communications 12 exam** that counts for 40% of their grade in Grade 12. At Tamanawis, students will write the numeracy assessment at the end of the semester in which they take the Math 11 course.

## *Rules for Graduation – What Do I Need?*

## REQUIRED CREDITS

A total of 80 credits are required for graduation.

I must pass all of the following:

- Language Arts 10, 11,12 (12 credits)
- Math 10 and 11 or 12 (8 credits)
- Physical Education 10 (4 credits)
- Career Life Education 10 (4 credits)
- Science 10 and a Science 11 or Science 12 (8 credits)
- Socials Studies 10 and a Senior Social Studies course (8 credits)
- Fine Arts or Applied Skills 10, 11 or 12 (4 credits)
- Career Life Connections 12 (4 credits)

# ENGLISH LANGUAGE ARTS

Grade 9	Grade 10	Grade 11	Grade 12
<b>Mandatory Course:</b> English 9	<b>One of the following 4 courses</b> (4 credits each)  Literary Studies and Composition Literary Studies and Creative Writing Literary Studies and New Media Literary Studies and Spoken Language	<b>One or more of the following five courses</b> (4 credits each)  Composition  Creative Writing  Literary Studies  New Media  Spoken Language	<b>One of the two mandatory courses</b> (4 credits each)  English Studies 12 <b>or</b> English First Peoples 12 As many of the five electives as desired (4 credits each). You may <b>NOT</b> select the same course as completed in Grade 11: <ul style="list-style-type: none"> <li>• Composition</li> <li>• Creative Writing</li> <li>• Literary Studies</li> <li>• New Media</li> <li>• Spoken Language</li> </ul>

Starting in the 2019/2020 school year, upon graduation, all Grade 12 students must complete the Literacy Assessment. That assessment is connected to all subjects, not just English; the Literacy Assessment can be taken between grades 10-12 and can be written more than once. Upon graduation, the exam results will be published on student transcripts.

## English 9 (4 Credits)

English Studies 9 is a required course which is designed for all students and provides opportunities to refine communication's, think critically and creatively about the uses of language, explore texts from a variety of sources, deepen understanding of ourselves and others, gain insight into the diverse factors that shape identity, appreciate the importance of self-representation through text, building and understanding of the knowledge and perspectives of First Peoples, and expand understanding of what it means to be educated Canadian and global citizens.

## Grade 10 English Courses

All Grade 10 students must take one course that combines Literary Studies and another English course.

### Literary Studies & Composition 10 (4 Credits)

Working both individually and with their peers, students will study, create, and write original pieces, exploring audience and purpose. They will also develop their craft through processes of drafting, reflecting, and revising. Students will read and study particular genres, authors and themes in literature and consider a variety of techniques as models and inspiration for the development of their own writing.

The following are possible areas of focus within Literary Studies and Composition 10:

- Narrative, expository, descriptive, persuasive, and opinion pieces
- Planning, drafting, and revision processes
- Writing for specific audiences and specific situations
- How to cite sources, consider the credibility of evidence, and evaluate the quality and reliability of the source

# ENGLISH LANGUAGE ARTS

## **Literary Studies & Composition 10 (4 Credits) *cont'd***

- Genre-specific studies—poetry, short stories, novels, drama, graphic novels, children’s literature
- Canadian literature
- First Peoples’ texts
- Thematic studies
- Specific author studies

## **Literary Studies & Creative Writing 10 (4 Credits)**

Working both individually and with their peers, students will learn to express themselves as they experiment with, reflect on, and practise their creative expression through language. Students will explore identity, memory, and story as they delve more deeply into a variety of types of literature, studying specific themes, authors, and genres. Students will consider a variety of techniques as models and inspiration for the development of their own writing.

The following are possible areas of focus within Creative Writing 10:

- Genre-specific studies—poetry, short stories, novels, drama, graphic novels, children’s literature
- Canadian literature
- First Peoples’ texts
- Thematic studies
- Specific author studies
- Contemporary creative forms such as slam poetry, oratory, rap, drama, song, graphic novels, creative non-fiction, historical fiction
- Poetry, song lyrics
- Creative forms that combine visual, written, and oral texts

## **Literary Studies & New Media 10 (4 Credits)**

Working both individually and with their peers, students will reflect on the changing role of technology in today’s society and the increasing importance of digital media in communicating and exchanging ideas. Students will explore specific themes, authors, and genres in a variety of media and consider a variety of techniques as models and inspiration for the development of their own skills vital for success in an increasingly complex digital world. Students will communicate ideas through a variety of digital and print media.

The following are possible areas of focus in Literary Studies and New Media 10:

- Genre-specific studies—poetry, short stories, novels, drama, graphic novels, children’s literature
- Canadian literature
- First Peoples’ texts
- Thematic studies
- Specific author studies
- Media and film studies
- Journalism and publishing
- Digital communication

# ENGLISH LANGUAGE ARTS

## **Literary Studies & Spoken Language (4 Credits)**

Working both individually and with their peers, students will develop their spoken communication skills through studying and creating varied structures, forms, and styles of oral compositions. Students will have the opportunity to study, draft, and use language to create original pieces in a variety of modes. Students will read and study particular genres, authors and themes in literature and consider a variety of techniques as models and inspiration for the development of their own oral compositions. This area of choice will also provide students with opportunities for performance, storytelling, and public speaking.

The following are possible areas of focus in Literary Studies and Spoken Language 10:

- Genre-specific studies—poetry, short stories, novels, drama, graphic novels, children’s literature
- Canadian literature
- First Peoples’ texts
- Thematic studies
- Specific author studies
- Performance—spoken word/slam poetry, poetry recitation, oral storytelling, readers’ theatre, radio/podcasts/video posts related to
- First Peoples themes
- Professional applications—speech writing/presenting, proposals, interviewing, event facilitation, radio/podcasts/video posts (information items) related to First Peoples themes.

## **Grade 11 English Courses**

Grade 11 students must choose **one** or more courses from the following five options. These options lead into the core English Studies 12 course. Students may take more than one English 11 course.

### **Composition (4 Credits)**

This course focuses on developing students’ skills in written communication. Students think critically as they explore, extend and refine their writing. They work individually and collaboratively to explore, create, and revise purposeful compositions that include narrative, expository, descriptive, persuasive and reflective pieces. Possible areas of focus include nonfiction genres, writing processes, writing for audiences, and research.

### **Creative Writing (4 Credits)**

This course lets students flex their imaginative muscles through a wide range of writing styles. Students experiment with creativity, push boundaries beyond typical thinking, and reflect upon personal and cultural identities. Possible areas of focus include contemporary creative forms, creative nonfiction, poetry & song lyrics, and creative forms that combine visual, written, and oral texts.

### **Literary Studies (4 Credits)**

This course explores specific themes, time periods, authors, and/or areas of the world through literature and a variety of media texts. Literature such as world, feminist, Canadian or First Peoples may be explored through poetry, short stories, novels, drama, graphic novels and children’s literature. Possible areas of focus include genre- specific studies, Canadian literature, First Peoples’ texts, thematic studies, and specific author studies.

# ENGLISH LANGUAGE ARTS

## Grade 11 English Courses

### **New Media (4 Credits)**

This course is designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. New Media recognizes that digital literacy is an essential characteristic of the educated citizen, and students will refine skills vital for success in an increasingly complex digital world. Students will demonstrate understanding and communicate increasingly sophisticated ideas through a wide variety of digital and print media. This may include publishing, poetry, song lyrics, and blogging, writing for the web, social media, and pod casting. Possible areas of focus include media and film studies, journalism and publishing, and digital communication.

### **Spoken Language (4 Credits)**

This course supports students in their development of spoken communication through exploring, drafting, reflecting, and revising. The course introduces students to varied structures, forms, and styles of oral compositions. 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. Students perform, tell stories, and speak publicly.

## Grade 12 English Courses

Grade 12 students **must** take English Studies 12 or English First Peoples 12. They may also take **one or more English electives**, choosing from Composition, Creative Writing, Literary Studies, New Media, and Spoken Language. A Grade 12 student cannot choose an English elective they completed in grade 11- a new selection must be made.

### **English Studies 12 (4 Credits)**

English Studies 12 is designed for all students and provides opportunities to refine communications, think critically and creatively about the uses of language, explore texts from a variety of sources, deepen understanding of ourselves and others, gain insight into the diverse factors that shape identity, appreciate the importance of self-representation through text, contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples, and expand understanding of what it means to be educated Canadian and global citizens.

### **English First Peoples 12 (4 Credits)**

English First Peoples 12 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).



# ENGLISH LANGUAGE ARTS

## Grade 12 Electives

A Grade 12 student cannot choose an English elective they completed in grade 11- a new selection must be made.

### **Composition (4 Credits)**

This course focuses on developing students' skills in written communication. Students think critically as they explore, extend and refine their writing. They work individually and collaboratively to explore, create, and revise purposeful compositions that include narrative, expository, descriptive, persuasive and reflective pieces. Possible areas of focus include nonfiction genres, writing processes, writing for audiences, and research.

### **Creative Writing (4 Credits)**

This course lets students flex their imaginative muscles through a wide range of writing styles. Students experiment with creativity, push boundaries beyond typical thinking, and reflect upon personal and cultural identities. Possible areas of focus include contemporary creative forms, creative nonfiction, poetry & song lyrics, and creative forms that combine visual, written, and oral texts.

### **Literary Studies (4 Credits)**

This course explores specific themes, time periods, authors, and/or areas of the world through literature and a variety of media texts. Literature such as world, feminist, Canadian or First Peoples may be explored through poetry, short stories, novels, drama, graphic novels and children's literature. Possible areas of focus include genre-specific studies, Canadian literature, First Peoples' texts, thematic studies, and specific author studies.

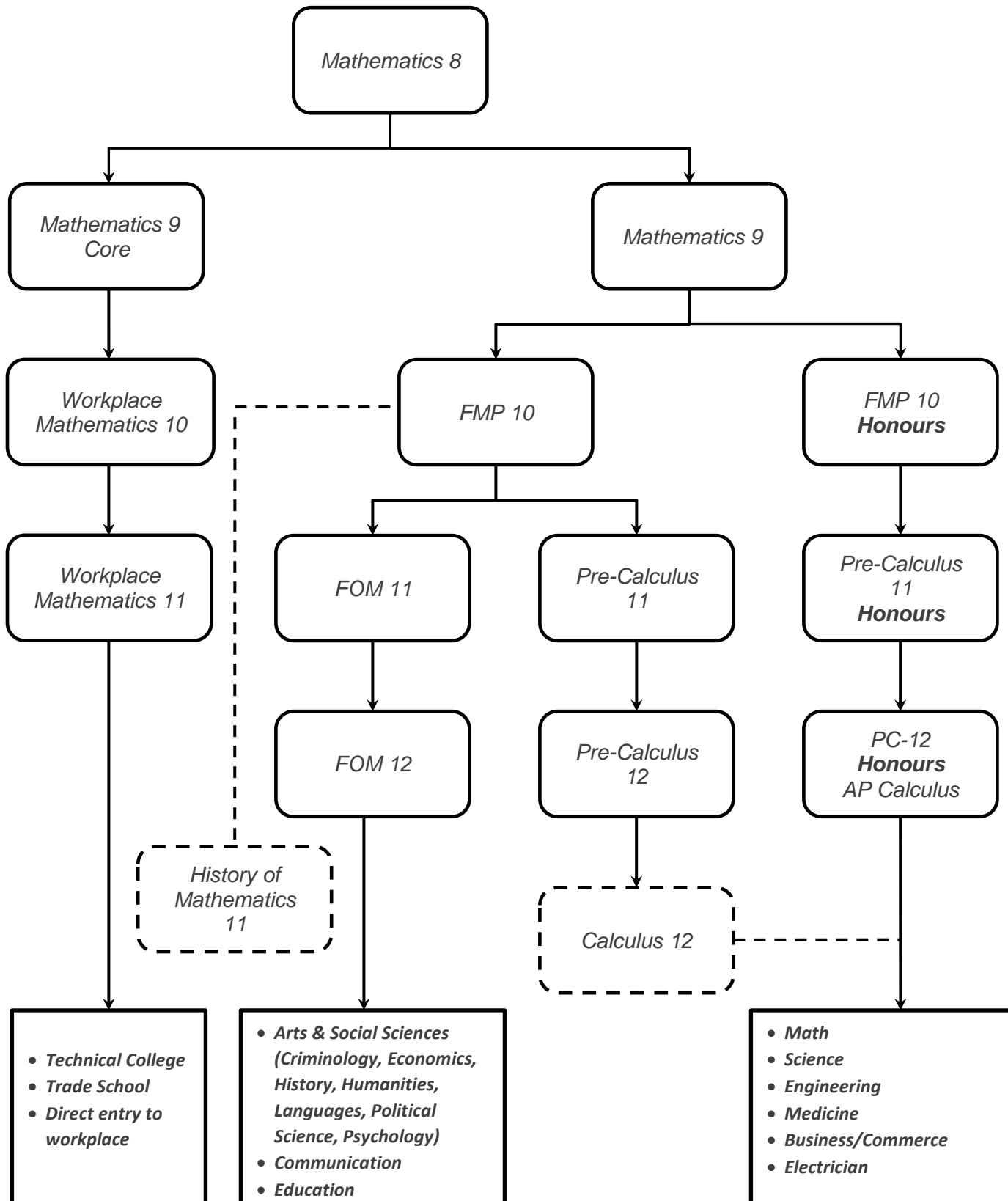
### **New Media (4 Credits)**

This course is designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. New Media recognizes that digital literacy is an essential characteristic of the educated citizen, and students will refine skills vital for success in an increasingly complex digital world. Students will demonstrate understanding and communicate increasingly sophisticated ideas through a wide variety of digital and print media. This may include publishing, poetry, song lyrics, blogging, writing for the web, social media, and pod casting. Possible areas of focus include media and film studies, journalism and publishing, and digital communication.

### **Spoken Language (4 Credits)**

This course supports students in their development of spoken communication through exploring, drafting, reflecting, and revising. The course introduces students to varied structures, forms, and styles of oral compositions. 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. Students perform, tell stories, and speak publicly.

# MATHEMATICS Pathways 2019-2020



**NOTE:** It is important that students verify with their Post-Secondary institutions regarding pre-requisite courses and required grades.

# MATHEMATICS

## **MATHEMATICS 9**

Entry into this course requires a recommendation from the student's Mathematics 8 teacher.

The Mathematics 9 curriculum is designed to encourage a deeper understanding of the following concepts: Rational numbers and number operations, exponent laws, spatial proportional reasoning solving linear equations, operations with polynomials, probability and statistics in society, and financial literacy (simple budgets and transactions).

You will be evaluated on how well you know the content as well as what you can demonstrate in all four dimensions of the curricular competencies.

## **MATHEMATICS 9 CORE**

This course is intended for students who require a more concrete approach to gain a stronger foundation in mathematics. Most of the topics from Maths 9 will be covered, but in less depth. This course is designed for students who intend to take Workplace Mathematics 10 the following year.

You will be evaluated on how well you know the content as well as what you can demonstrate in all four dimensions of the curricular competencies.

## **WORKPLACE MATHEMATICS 10 (WM 10)**

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include: puzzles and games for computational fluency, creating, interpreting, and critiquing graphs, primary trigonometric ratios, Metric and Imperial measurement and conversions, solving problems involving surface area and volume, angles, probability and statistics, and financial literacy (gross and net pay).

You will be evaluated on how well you know the content as well as what you can demonstrate in all four dimensions of the curricular competencies.

## **FOUNDATIONS OF MATHEMATICS AND PRE-CALCULUS 10 (FMP 10)**

Entry into this course requires a recommendation from the student's Mathematics 9 teacher.

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs. This course leads to either Foundations of Mathematics 11 or Pre-Calculus 11. The following topics will be studied: operations on powers, relationships among data, graphs, and situations, linear relations, including slope and equations of lines, solving systems of linear relations, multiplication of polynomial expressions, polynomial factoring, primary trigonometric ratios, experimental probability, and financial literacy (gross and net pay).

You will be evaluated on how well you know the content as well as what you can demonstrate in all four dimensions of the curricular competencies.

## **FOUNDATIONS OF MATHEMATICS AND PRE-CALCULUS 10 HONOURS (FMP 10H)**

Entry into this course requires a recommendation from the student's Mathematics 9 teacher and a strong performance on the Pascal Mathematics Contest.

This course has the same curriculum and learning objectives as FMP10 but with a greater emphasis on enrichment, depth, contest preparation, and problem solving skills. The goal is to enrich the student's understanding by placing greater stress on critical thinking and the use of technology. All students will be required to participate in the Gauss Mathematics Contest.

You will be evaluated on how well you know the content as well as what you can demonstrate in all four dimensions of the curricular competencies.

# MATHEMATICS

## **WORKPLACE MATHEMATICS 11 (WM 11)**

Entry into this course requires a recommendation from the student's Grade 10 Math teacher.

This course is specifically designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades at post-secondary and for direct entry into the work force. Topics include: financial literacy, rate of change (slopes of 3D objects, angles of elevation), contextualized problems, 3D object diagrams and interpreting graphs and their impact on our world.

## **FOUNDATIONS OF MATHEMATICS 11 (FOM 11)**

Entry into this course requires a recommendation from the student's FMP10 teacher.

This course builds on the skills acquired in Foundations and FMP10 and is designed for students going on to secondary programs where an academic math, but not Calculus, is required. Each student must check the requirements of their preferred post-secondary program to ensure that Foundations of Mathematics 11 is the appropriate choice. Topics include: measurement (rates and scales), geometric reasoning (angles and triangles), logical reasoning, spatial puzzles, statistics (normal distribution, interpretation of statistical data), 2-variable linear inequalities, quadratic functions and financial literacy.

## **HISTORY OF MATHEMATICS (HM 11)**

Take a ride through time as we explore Mathematical History in the making. From understanding why numbers were created to possibly solving some of the world's greatest mysteries. We will investigate the evolution of tools and technology and their impact on how, what and why we learn mathematics. We will learn about the contributions from many cultures and people that have helped shape our understanding of the mathematical world and how the drive to learn more continues to push mathematics beyond the very limits of what we know. This course connects the History of Mathematics to the development of the human race and gives mathematics a place to come alive.

## **PRE-CALCULUS 11 (PC-11)**

Entry into this course requires a recommendation from the student's FMP10 teacher.

This course builds on the skills acquired in Foundations and Pre-Calculus 10 and is particularly designed for those students going into post-secondary programs where Calculus is required. Topics include: powers with rational expressions, expressions and equations (absolute value, radical, rational), trigonometry (angles in standard position, non-right triangles), absolute value functions, reciprocal functions, quadratic functions and equations, systems of equations and inequalities (including quadratic) and financial literacy.

## **PRE-CALCULUS 11 HONOURS (PC-11H)**

Entry into this course requires a recommendation from the student's FMP10 teacher and a strong performance on the Gauss Mathematics Contest.

Pre-Calculus 11 Honours has the same core content as Pre-Calculus 11, however extra time will be used for enrichment, to develop better problem solving skills and prepare students for advanced mathematical concepts. All students will be required to participate in the Fermat Mathematics Contest. This course is also the most appropriate for students that wish to take PC-12 Honours/AP Calculus as part of their grade 12 year.

# MATHEMATICS

## **FOUNDATIONS MATHEMATICS 12 (FOM 12)**

Entry into this course requires a recommendation from the student's FOM 11 or PC-11 teacher.

This course is intended for students who will be pursuing post-secondary studies in the Arts or a subject in which Calculus will not be taken as part of the program. This course is not required for graduation but may be required for University admission depending on the faculty and program you choose. This course involves geometric explorations, graphical representations of polynomials, logarithmic exponential and sinusoidal functions, regression analysis, combinatorics, probability and financial planning.

## **PRE-CALCULUS 12 (PC-12)**

Entry into this course requires a recommendation from the student's PC-11 teacher.

This course is intended for students who will be studying Business, Science, Engineering, or other disciplines in which Calculus is a requirement. This course is not required for graduation but may be required for entry into the faculty or program you will pursue in University. It is also suggested that this course be followed up with one of our Calculus courses in order to prepare you for University (Calculus 12 or Advanced Placement Calculus). This course includes the following topics: transformations of functions and relations, exponential and logarithmic functions, geometric sequences and series, polynomial functions and equations, rational functions and trigonometric functions, equations and identities.

## **CALCULUS 12**

Entry into this course requires a recommendation from the student's PC-12 teacher.

This course is designed to prepare students for University mathematics and those wishing to enter the fields of Business/Commerce, Science, and Engineering. Topics include functions, limits, derivatives, anti-derivatives, and differential equations. Students should have at least a grade of B in Pre-Calculus 12 before attempting this course.

## **LINEAR PRE-CALCULUS 12 HONOURS & AP CALCULUS (PC-12H/AP)**

Entry into this course requires a strong recommendation from the student's PC-11 teacher.

This course combines Pre-Calculus 12 and Advanced Placement (AP) Calculus in a year-long format in order to prepare students for the AP exam in May. This course is designed for highly motivated students who are intending to study mathematics, engineering, commerce, or applied sciences at college or University. This course provides a solid foundation in Calculus and covers material equivalent to a first semester University Calculus course (e.g. UBC Mathematics 100, SFU Mathematics 154). This gives the student a tremendous advantage during their first semester at University. In this course, students receive a systematic introduction to aspects of Differential and Integral Calculus. Topics studied will include limits, continuity, the derivative and applications of the derivative, the definite integral and applications of the definite integral and the fundamental Theorem of Calculus. Due to the high level of difficulty and the intensive nature of this course, students must have a strong working knowledge of the concepts studied in FMP 10 and PC-11, and must be willing to devote a serious amount of time for study on a daily basis, both in and out of class.

Students who are successful in the AP exam (with a score of 4 or 5) may receive advanced placement with their post-secondary institution and may be able to skip the first semester of Calculus, if they choose.

# MODERN LANGUAGES

## **Bonjour! ¡Hola! Sat Sri Akal!**

We are proud to offer courses in three languages: French, Punjabi and Spanish. In our classes, students engage in a variety of activities with the goal to enhance their skills in oral and written comprehension and production of the second language. As well, students learn to appreciate and value cultures through the exploration and study of the languages, their literatures, history and traditions.

### **Why learn another language?**

- to increase your employment opportunities
- to develop your problem solving skills
- to enhance creative thinking
- to appreciate and participate in other cultures
- to improve literacy skills in first language
- to enhance self-esteem and pride
- for University entrance: a second language at the Grade 11 level is the minimum requirement for entrance to many programs at most universities. Many university Bachelor of Arts programs require a second language at the Grade 12 level.

Evaluation for all language courses is based on your development in Oral Comprehension, Written Comprehension, Spoken Interaction, Spoken Production, and Written Production.

## **Bienvenue dans la classe de français !**

### **FRENCH 9**

French 9 continues your path to acquiring a second language. In this course, you will build on your strategies so that you can understand French, express yourself and have meaningful conversations in French. This year, you will also read and share various media. Finally, you will explore your own cultural identity and that of various Francophone communities.

### **FRENCH 10**

In French 10, you will gain more of an appreciation for cultural diversity through the exploration of Francophone culture. You will deepen your ability to understand French and to express yourself and have meaningful conversations. You will continue to read and share various media in both oral and written form. Finally, you will be encouraged to take more risks in order to embrace the new language in a profound way.

### **FRENCH 11**

Being able to speak French opens up many opportunities!

This course inspires students to deepen their appreciation and understanding of French. Students will continue to explore and understand the connection between Francophone culture and their own. Students will increase their ability to communicate both in oral and written form. As in previous years, students will read, interpret media, expand their writing and participate in meaningful, varied conversations.

### **FRENCH 12**

Language acquisition is a lifelong process. In this course, students will have the opportunity to continue polishing their second language skills. They will be able to express themselves in oral and written form with more depth and clarity. Students will continue to explore, with greater awareness, Francophone culture and creative works. Finally, students will also examine travel, educational and career opportunities requiring proficiency in French. Students may have the opportunity to write the DELF exam.

# MODERN LANGUAGES

## PUNJABI COURSES

### **PUNJABI 9/10**

Did you know that you can take Punjabi in order to meet language requirements for university entrance? If you did not, you should consider studying Punjabi! In Punjabi 9, students will learn the Punjabi alphabet, and by the end of the course, students will be reading the language. This course will have video, music, and cultural projects for an enriching experience. Punjabi 9 is for students who do not know how to read or write Punjabi. Students who do not speak Punjabi can also take this course. Anyone who has taken Punjabi in Khalsa school, Sikh Academy, India, with family or any other method should speak to a counsellor and see one of our Punjabi teachers to determine their appropriate level.

### **PUNJABI 10**

Punjabi 10 offers a review of Punjabi 9 and a continuation of Punjabi grammar. Themes of this course include places, clothing, restaurants, people, history and music. Project topics include a Punjabi Newscast, skits, commentaries, videos, and music! At the end of the course, students will be able to read and write at a reasonable level while continuing to improve their Punjabi speaking.

### **PUNJABI 11**

Punjabi 11 offers a review of Punjabi 10 and a continuation of Punjabi grammar and culture. Themes of this course include looking at cultural topics like music, history, and sports in more depth. Project topics include Punjabi cooking where you cook your own sabzi and a feature length Punjabi movie in which you are the star!

At the end of the course, students will be able to read and write at a very high level while continuing to improve speaking skills.

### **PUNJABI 12**

In this course, Punjabi will be spoken extensively and the course will be cross curricular. Psychology, Law, and Social Justice will be incorporated in the program. It will be an engaging course to a student in the arts and there will be lots of fun units, for example, the Punjabi Wedding Album.

## SPANISH COURSES

### **INTRO SPANISH 10/11**

Picking Spanish up through listening, stories and reading is easy and fun. In this class, you will get comfortable in Spanish. By the end of the year, you will find it easy to read and write stories and to understand Spanish. Most beginning students can easily write 600-800 word stories by the end of the year, and can read independently.

### **SPANISH 11**

Continue acquiring Spanish by watching and reading stories and novels. Everything in class is 100% easy to understand. In Spanish 11, you will find it easy to start speaking and this course will get you into University second-year Spanish classes.

### **SPANISH 12**

Spanish stories, movies and novels help you to become more and more fluent, and ready to visit Spain or Mexico.

# SCIENCE

## SCIENCE 9

Science 9 is a continuation of the junior Science program. The big ideas to be developed in this course include:

- Biology: Cells are derived from cells.
- Chemistry: The electron arrangement of atoms impacts their chemical nature.
- Physics: Electric current is the flow of electric charge.
- Earth Science: The biosphere, geosphere, hydrosphere, and atmosphere are interconnected.

The big ideas will be taught with an emphasis on developing critical thinking and scientific process skills.

## SCIENCE 10

Science 10 is a continuation of the junior Science program. The big ideas to be developed in this course include:

- Biology: Genes are the foundation for the diversity of living things
- Chemistry: Chemical processes require energy change as atoms are rearranged
- Physics: Energy is conserved and its transformation can affect living things and the environment

## LIFE SCIENCES 11 (BIOLOGY 11)

*Recommended C or better in Science 10*

Life Sciences 11 lays the groundwork for first year biology courses at all major colleges and universities, and is strongly recommended for students pursuing a career in the Sciences or Health Sciences.

Life Sciences 11 is a survey course of living organisms within the five Kingdoms. The course is woven around the central themes of identifying the characteristics and inter-relatedness of living things, the similarities within organisms (classification and taxonomy), and the processes of how organisms change over time (evolutionary theory). Students will perform laboratory experiments and investigations, including dissections, to examine a wide variety of organisms in order to explore the major themes of this course.

## ANATOMY AND PHYSIOLOGY 12 (BIOLOGY 12)

*Recommended C+ or better in Life Sciences 11 and Chemistry 11*

Anatomy and Physiology 12 serves as a foundation for students continuing onto life sciences studies at the post-secondary level. Anatomy and Physiology 12 uses the principles learned in Life Sciences 11 with respect to the unity, diversity, and organization of body systems. Students will focus on cellular biochemistry and metabolic processes and physiology of organ systems and their inter-relationships. Students' theoretical understanding of the body's ability to maintain homeostasis will be applied to various lab work, dissections, discussions, and inquiry projects.

- Earth Science: The formation of the universe can be explained by the big bang theory

The big ideas will be taught with an emphasis on developing critical thinking and scientific process skills.

## SCIENCE 10 HONOURS

*Recommended B or better in Science 9 & Math 9 as well as a teacher recommendation*

Science 10 Honours is a continuation of the junior Science program taught at an accelerated pace which allows more time for Inquiry.

The big ideas to be developed in this course include:

- Biology: Genes are the foundation for the diversity of living things
- Chemistry: Chemical processes require energy change as atoms are rearranged
- Physics: Energy is conserved and its transformation can affect living things and the environment
- Earth Science: The formation of the universe can be explained by the big bang theory

The big ideas will be taught with an emphasis on developing critical thinking and scientific process skills.



# SCIENCE

## **CHEMISTRY 11**

***Recommended C+ or better in Science 10 and Pre-Calculus 10***

Chemistry 11 is strongly recommended for students pursuing a career in Engineering, Environmental Sciences, Health Sciences, and General Sciences.

Chemistry 11 is an introductory course that will give students an understanding of the composition, classification, properties and behaviour of matter. Problem solving, critical thinking and experimentation are skills that will be used throughout this course.

The Big Ideas to be developed in this course are:

- Atoms & Molecules
- The Mole
- Chemical Reactions
- Solution Chemistry

Daily review, homework completion and strong study skills are required to be successful in Chemistry 11.

## **CHEMISTRY 11 HONOURS**

***Recommended B or better in Science 10 and Pre-Calculus 10 as well as a teacher recommendation***

Chemistry 11 Honours helps students to be more successful in their first year chemistry courses at all major colleges and universities, and is strongly recommended for students pursuing a career in Engineering, Environmental Sciences, Health Sciences, and General Sciences.

Chemistry 11 Honours lays the foundation for AP Chemistry 12. Covering all the topics in the regular Chemistry 11 course, this honours class will extend upon several units in considerably more depth. An exploration of the structure of matter will include studies in quantum mechanics, intermolecular bonding forces, molecular bonding models, and spectroscopy.

This fast-paced course will require daily review, homework completion and strong study skills.

## **CHEMISTRY 12**

***Recommended C+ or better in Chemistry 11 and Pre-Calculus 11***

Chemistry 12 is strongly recommended for students pursuing a career in Engineering, Environmental Sciences, Health Sciences, and General Sciences.

Chemistry 12 is an advanced course that will give students the foundation needed for Chemistry at the post-secondary level. This is a demanding course for those that have succeeded in Chemistry 11 and plan to pursue further studies in this field.

The Big Ideas to be developed in this course are:

- Reaction Kinetics
- Dynamic Equilibrium
- Solubility Equilibrium
- Acids and Bases
- Oxidation and Reduction

Daily review, homework completion and strong study skills are required to be successful in Chemistry 12.

# SCIENCE

## **CHEMISTRY 12H/AP CHEMISTRY**

*Recommended B or better in Chemistry 11*

### *Honours*

Chemistry 12H/AP is strongly recommended for students pursuing a science or engineering degree as they will find that this course offers excellent preparation for a successful first year experience at a post-secondary institution.

Designed to be the equivalent of first year general chemistry at college or university, AP Chemistry covers a broad range of topics that extend beyond the

chemical concepts learned in Chemistry 11 and 12. The course emphasizes a deep understanding of fundamentals, chemical calculations and mathematical derivation of principles, and comprehensive inquiry-based laboratory experience.

Throughout the course students will be expected to express their understandings with clarity and logic. AP Chemistry is taken concurrently with Chemistry 12 Honours. Students can opt to write the AP Chemistry exam set by the AP college-board.

## **PHYSICS 11**

*Recommended C+ or better in Science 10 and Foundation of Math and Pre-Calculus 10*

Physics 11 is mandatory in a number of careers such as engineering, surveying, or technological programs and is an entrance requirement into any post-secondary Science program.

Physics 11 is an introductory course towards a deeper understanding of the physical world. It is a course that has an emphasis on analytical and critical thinking skills in order to interpret the complexities of physics. From exploring Isaac Newton to Albert Einstein, Physics 11 will help enlighten us to a better understanding of the world and how we as society interact with our surroundings.

The Big Ideas to be developed in this course are:

- One Dimensional Kinematics (motion)
- One Dimensional Dynamics (forces)
- Momentum Energy
- Electricity

Daily review, homework completion & strong study skills are required to be successful in Physics 11

## **PHYSICS 12**

*Recommended C+ or better in Physics 11 and Pre-Calculus 11*

Physics 12 is mandatory in a number of careers such as engineering, surveying, or technological programs and is an entrance requirement into any post-secondary Science program.

Physics 12 is an advanced course towards a more thorough understanding of the physical world, particularly for those who are expecting to continue studying science at a post-secondary institution. It is a course that has a strong emphasis on being able to think analytically and critically in order to interpret the complexities of Physics 12.

The Big Ideas to be developed in this course are:

- Two Dimensional Kinematics
- Two Dimensional Dynamics
- Two Dimensional Momentum and Energy

### **Optional Topics may include:**

- Equilibrium
- Circular Motion and Gravitation

Daily review, homework completion and strong study skills are required to be successful in Physics 12.

# SCIENCE

## **EARTH SCIENCE 11**

### *Recommended C or better in Science 10*

Earth Science 11 is a survey course which explores the Earth and Space through theory and experimentation.

Topics to be studied in this course may include:

- Geology (materials, weathering, erosion, volcanos, earthquakes, plate tectonics)
- Oceanography (basins and currents)
- Astronomy (galaxies, stars, solar system, Earth, moon)
- Atmosphere (pressure, wind, weather, climate)
- Geological Time

Course assessment and assignments are based on classroom lessons, discussions, projects, and laboratory based inquiry work.

- Electromagnetic Forces
- Induction
- Electrostatics

## **ENVIRONMENTAL SCIENCE 12**

Environmental Science 12 is recommended for students who are passionate about environmental issues and human impacts on the environment or who are interested in pursuing a career in environmental studies, earth sciences, or life sciences.

Environmental Science 12 is a course that explores the interconnectedness of systems and

living things. Through research, projects, and analysis of global and local systems we will develop sustainable practices and action plans.

The Big Ideas to be developed in this course are:

- Global Water Systems
- Global Warming & Climate Change
- Land Use and Sustainability
- Global Environmental Changes

## **SCIENCE FOR CITIZENS 11 (SCIENCE & TECHNOLOGY 11)**

This course is intended primarily for students who do not intend to continue studies in Science beyond Grade 11.

Completion of Science for Citizens 11 allows students to complete their graduation plan, however post-secondary options are limited.

This course will cover the four branches of Science (Life Sciences, Chemistry, Physics and Earth Science) and will be composed of topics that are of particular interest to both the teacher and students. There is an emphasis on cooperative learning rather than focusing on content.

As this course is based on the progression of a student's process skills, attendance and participation are the two most important parts of this course.

# SOCIAL STUDIES

## What is it?

Social Studies is a course that draws on topics from disciplines within the humanities and social sciences – primarily history, geography, political science, and economics – with contributions from other disciplines such as sociology, psychology, and anthropology.

## What will I learn?

Through this curriculum, students will have opportunities to explore and better understand their own identity, perspectives, and values as well as develop the competencies that encourage active, informed citizenship. They will develop the ability to think critically, consider different perspectives and ideas with an open mind, and disagree respectfully with those who have different opinions or points of view. They will be empowered to stay informed about public policy and take action on issues important to them.

## Why should I take Social Studies courses?

Students can apply the skills and content they learn in Social Studies to a wide range of post-secondary programs or in future careers. The disciplines within Social Studies develop students' abilities to think analytically and solve problems. Students will have opportunities to conduct research and learn how to collect and interpret data. They will learn to communicate their findings through a variety of methods such as written reports, oral presentations, and various visuals. Studying human interactions and the relationship between humans and the environment can lead to a variety of different careers, such as ones in research, marketing, law, and public service.

## SOCIAL STUDIES 9

Social Studies 9 is a course in which students will build upon the content, inquiry methods and historical thinking skills learned in Humanities 8 to learn about significant moments between 1750 and 1914. Areas of focus will include:

- Revolutions;
- Continuity and change in Canadian society
- Imperialism and colonialism in Canada
- Migration and population growth in Canada

- The development of Canada
- Discriminatory policies, attitudes, and historical wrongs;
- Physiographic features of Canada and geological processes.

Evaluation will be based on a variety of activities that reflect the content and skills required of a Social Studies student.

## SOCIAL STUDIES 10

Social Studies 10 is a course in which students will build upon the content, inquiry methods and historical thinking skills learned in Social Studies 9 to learn about significant developments in Canada and the world from 1914 to the present. Areas of focus will include:

- Changing conceptions of Canadian identity, including the development of Canadian autonomy;

- Domestic conflict, including discriminatory policies and injustices;
- International conflicts and cooperation;
- Function of Canada's political institutions, including First People's governance;
- Political and economic ideologies, including Canada's role in a global economy.

# SOCIAL STUDIES

## SENIOR SOCIAL STUDIES ELECTIVES

All students must take a minimum of one senior Social Studies course in their Grade 11 OR Grade 12 year.

### **20<sup>th</sup> CENTURY WORLD HISTORY**

When is military action justified? Was the rise of totalitarian regimes inevitable? Does a country have a duty to listen to the wants and needs of its citizens? 20<sup>th</sup> Century World History is a course in which students will build upon the content, inquiry methods and historical thinking skills learned in Social Studies 9-10 to learn about the significant moments between 1919 and present day from an international affairs perspective. Major topics include:

- Global conflicts
- The rise and rule of totalitarian regimes
- Human rights
- Migration, movements and territorial boundary disputes

This is a perfect class for any student wishing to study in the Faculty of Arts at post-secondary as it will help students identify global trends.

### **GENOCIDE STUDIES**

What makes it possible for neighbor to turn against neighbor? Genocide Studies is a course in which students learn about various cultural and physical genocides around the world to determine how genocide can be prevented in the future.

Major topics include:

- Causes of genocide
- Responses to genocide
- Resistance to genocide
- Methods of remembering and commemorating genocide.

This is a perfect class for any student interested in a cross-curricular look at history as we bring in ideas from psychology, sociology, political science, economics, literature, film etc. to help understand genocide.

### **HUMAN GEOGRAPHY**

“What is where....why is it there...and why should I care?” Human Geography explores how human activity impacts and alters the earth and our environment. Major topics include:

- Global population (where and how does the world live?)
- Economic development (How do we manage our resources?)
- Urbanization (How do we build livable cities?)
- Global Issues (What impact are we having on our environment?)

Students will also analyze geographic data using G.I.S. (Geographic Information Systems) and learn to create digital maps to better understand our geographic region and our globally connected world.

### **LAW STUDIES**

Have you ever dreamt about becoming a lawyer, a judge, or perhaps a prison guard? Perhaps you want to know what to say when you get pulled over for that 23<sup>rd</sup> speeding ticket? Maybe you are a future rock star and need a solid contract? Law Studies is the perfect course for you! Major topics could include:

- The historical basis for Canadian law
- Criminal Law
- Civil Law
- Family Law
- An evaluation of the current structure of the Canadian legal system

Students develop their critical thinking skills through discussion, group projects, individual assignments and experiences.

### **ECONOMICS THEORY**

Why do we have money? How do economic systems affect your life and the lives of others?

Economics is a course in which students learn about the nature of money. Major topics of study include:

- The evolution of economics
- Entrepreneurship
- The Canadian market economy
- The business cycle
- Budgeting
- Globalization

# SOCIAL STUDIES

## POLITICAL STUDIES

How is power used and abused? How much say do I really have over political decisions? Political Studies builds upon the politics unit from Social Studies 10. Students will learn about where governments get their power. Major topics of study include:

- Foundations of government and power
- Elections
- The Crown and parliament
- Political Parties, interest groups and the media
- Canadian issues
- The international political system

Students develop their critical thinking skills through discussion, group projects, individual assignments and experiences. This is a perfect class for any student interested in getting involved in any level of politics (municipal, provincial, federal).

If you took this course as your grade 11 Social Studies elective you may not take it again.

## SOCIAL JUSTICE

Are we all equal? What is unfair? Why are there still racism, sexism, classism and homophobia? This course explores

- Sexism
- Racism
- Homophobia
- Poverty

Because modern business and government work requires an understanding of diversity, this course is excellent preparation for anyone interested in education, medicine, law, law enforcement, teaching, politics and business. It is also now possible to study social justice in post-secondary, at the University of Victoria and Capilano College.

## PHILOSOPHY

What is real? Does God exist? What is right and wrong? How do we know something is true? Major topics include:

- Philosophy of religion
- Epistemology
- Ethics
- Ontology

Philosophy is useful preparation for law, politics, business, medicine and any other profession, as it teaches critical thinking and logic (while being super-interesting!)

## PSYCHOLOGY 11\*

This course examines human behaviour from the sociological perspective. It examines the interactive nature of the family, self and society. Topics include the history of psychology, the research process, culture, group behaviour, social stratification, relationships, education and religion, collective behaviour, social movements, poverty and crime.

**\*Please note: Psychology 11 does not count as a senior Social Studies graduation credit. However, it can still be used for elective credits.**

## PSYCHOLOGY 12\*

Psychology is the scientific study of human behaviour and its causes. In this course, students will explore a range of topics including the role of the brain and neurochemical processes in shaping behaviour, stress and health psychology, psychological disorders, learning, motivation and emotion. Students will gain experience in designing and applying psychological research methods, develop critical thinking and research skills, and engage in independent inquiry on topics of personal interest.

**\*Please note: Psychology 12 doesn't count as a senior Social Studies graduation credit. However, it can still be used for elective credits.**

# Applied Skills – BUSINESS EDUCATION

## **BUSINESS EDUCATION**

The Business Education department includes both **Information Technology** and **Business Education** elective courses. As major components of the new Applied Design Skills and Technology (ADST) curriculum, our courses teach students valuable skills for school and beyond. The design thinking process builds on students' natural curiosity, inventiveness, and desire to create and work on hands-on projects. Students will learn valuable skills that are in high demand in today's workforce and become well-rounded citizens who are informed creators and consumers.

## **DESKTOP PUBLISHING 9**

We are constantly bombarded with visual images. Posters, lyric videos on Youtube, billboards, advertisements, and websites are part of our everyday lives. Have you ever noticed the creative elements or wondered what computer programs produce these pieces? In this course you will utilize a variety of programs (Photoshop, MS Publisher, Illustrator) to manipulate and enhance images as well as craft stunning documents, websites and presentations both for school and business related purposes. Using the computer you will learn how to tap into the creative part of your brain that maybe you never knew existed!

## **COMPUTERS 9**

Do you like playing games? Do you enjoy watching short animated movies on Youtube? Do you find Photoshopped images interesting? Do you have a website you like to visit? Wouldn't it be cool to be making your own? In Computers 9 you will learn how to make games, short animated movies, some programming and more!

Using programs and technology like Photoshop, Flash, Dreamweaver, 3D studio max or Blender, sploder, Construct2, and Arduino you will learn to make some really cool digital media projects. Take Computers 9 and go from being a consumer of digital content to being a producer!

## **VIDEO AND FILM 10**

The film industry is huge in Metro Vancouver, with many popular TV series and movies being filmed right here. Video and Film is a hands-on production class offered at the grades 10,11 and 12 level that gives you the opportunity to go from concept to the big screen. You will learn how to record great-looking video for projects like music videos and short films, as well as learn script-writing and video editing techniques to make your ideas come alive. Whether you want to pursue a career in film, become the next YouTube star or just learn to make better home videos, this course will help you pursue your goals.

## **COMPUTERS 10**

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# Applied Skills – BUSINESS EDUCATION

## **DESKTOP PUBLISHING 10**

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## **YEARBOOK 10**

Why take yearbook? In this course students will gain skills in: photography, photoshop, advance graphic design, publishing, copy writing and editing while producing a creative, innovative yearbook which records school memories and events. While producing real product that everyone will keep for years to come, students will gain useful, real world skills in time management, marketing, teamwork, and principles of design.

## **ENTREPRENEURSHIP AND MARKETING 10**

Are you thinking of a career in business, marketing, finance or management? Or do you see yourself inventing a new product or idea? This course will introduce you to several different avenues of business. You will learn how the most forward thinking companies are managing their employees. You will study the financial “language of business”. The marketing strategies of the most successful products will also be analyzed. You will create a business of your own and learn how to work with a team to develop your idea. Overall, the focus will be to learn effective communication, collaboration and technology skills to enhance your creative thinking abilities. Employers want people who can think outside the box to solve problems, who can work as a team, and who can communicate their ideas well. This course will help you develop these skills enabling success in high school, post-secondary and in the business work force.

## **ACCOUNTING 11**

Do you want to know how to organize your personal finances? Are you planning to start your own company one day? Do you see yourself managing a business in the future? Perhaps you are thinking of a career in Marketing, Economics, Investing, or Banking? In order to do any of this, you have to learn Accounting which is the “language of business”. Accounting 11 will help prepare you for the finance courses that are mandatory for any post-secondary business diploma or degree. Many students have great difficulty with Accounting in college/university due to the speed of the course. However, by taking Accounting 11, you will be well prepared for future accounting courses.

## **ACCOUNTING 12**

Accounting 12 expands on the fundamentals of Accounting 11. If you are planning to start your own company one day or you see yourself as an accountant, Accounting 12 will give you a good head start if you are going to take Business, Commerce or Finance courses in college/university. Many students have great difficulty with Accounting in college/university due to the speed of the course. However, by taking Accounting 12, you will be very well prepared for future accounting courses and gain the problem-solving and logical skills needed to be successful in this field.

## **DESKTOP PUBLISHING 11/12**

We are constantly bombarded with visual images. Posters, lyric videos on Youtube, billboards, advertisements, and websites are part of our everyday lives. Have you ever noticed the creative elements or wondered what computer programs produce these pieces? In this course you will utilize a variety of programs (Photoshop, MS Publisher, Illustrator) to manipulate and enhance images as well as craft stunning documents, websites and presentations both for school and business related purposes. Using the computer you will learn how to tap into the creative part of your brain that maybe you never knew existed!



# Applied Skills – BUSINESS EDUCATION

## **BUSINESS COMPUTER APPLICATIONS 12**

These courses give the university and work bound students the skills necessary for success in senior courses as well as life after high school. You will learn how to:

- Communicate professionally and effectively in a business environment. (Verbal and Written)
- Learn how to network and position yourself for interviews
- Create visually arresting presentations with confidence
- Use valuable formatting techniques to design documents that will give you the professional edge
- Develop spreadsheets for business and personal reasons such as budgeting and financial planning
- Save time and work faster by improving your typing technique, speed and accuracy.

These courses have a step-by-step format that will guide you to mastery.

## **INFORMATION AND COMMUNICATIONS TECHNOLOGY (PROGRAMMING) 11/12**

ICT 11 and 12 provides a solid foundation of basic programming skills through a variety of hands-on digital projects such as:

- Designing and programming a game
- Creating your own website
- Designing an app
- Programming in Python or Javascript

By the year 2020 there will be an estimated 1 million programming jobs left unfilled. Whether you are pursuing a career in computer technology or simply just interested in designing and playing video games, ICT 11 and 12 offers fun, engaging project-based learning using computers and useful skills for almost any career.

## **VIDEO AND FILM 11/12**

The film industry is huge in Metro Vancouver, with many popular TV series and movies being filmed right here. Video and Film is a hands-on production class offered at the grades 10,11 and 12 level that gives you the opportunity to go from concept to the big screen. You will learn how to record great-looking video for projects like music videos and short films, as well as learn script-writing and video editing techniques to make your ideas come alive. Whether you want to pursue a career in film, become the next YouTube star or just learn to make better home videos this course will help you pursue your goals.

## **YEARBOOK 11/12**

This is a year-long course that introduces students all phases of yearbook production. Students will learn the skills of Journalism, Graphic Design, Photography, Marketing, Advertising and Sales. Along the way, students will learn or improve on Adobe Photoshop and the art of digital photography. Classroom activities and expectations are closely related to the real world of interviewing, reporting, meeting deadlines and producing a widely viewed publication.

Registration for this course is through an application process. Please see your counselor for further information.

## **MARKETING AND PROMOTION 11**

Get ready to learn about one of the most exciting and competitive industries in the world. While looking at history, trends, production and distribution in the world of business, students will gain understanding of their own influence on various consumer patterns and marketing strategies. By running a "Company Program," and field studies, students will engage in real world experience of running a business. Through project-based assignments, students will also be able to build marketable employable skills.

# Applied Skills–HOME ECONOMICS

## **FOODS STUDIES 9**

***Prerequisite: none***

Foods 9 is a performance-based course that teaches students the basics of cooking terms, techniques, equipment use, methods and preparation of ingredients that can be used to follow recipes. Grades are largely based upon lab performance and theory is emphasized to enhance the lab experience and to examine the nutrition of the ingredients. Units include muffins, breads, pastry, cakes, soups, breakfasts, lunches and dinners. Recipes are drawn from a wide variety of cultures and cooking techniques. Foods 9 is a beginning course that contributes to later, more complex courses at the senior level. There is no fee for this course.

## **TEXTILES 9**

***Prerequisite: none (recommended Textiles 8)***

Textiles 9 is a skills-based course that teaches students the basics of sewing including hand-sewing, garment construction, fabric care, notions, machine techniques, reading patterns and fabric embellishments. Students sew a variety of projects that develop a variety of techniques and skills.

Projects reflect a beginning level and provide the basis for more complicated skill and project development at the senior levels. There is no fee but students must supply their own fabric, notions and patterns.

## **FOODS STUDIES 10**

***Prerequisite: none***

Foods 10 is a performance-based course that teaches students the basics of cooking terms, techniques, equipment use, methods and preparation of ingredients that can be used to follow recipes. Grades are largely based upon lab performance and theory is emphasized to enhance the lab experience and to examine the nutrition of the ingredients. Units include muffins, breads, pastry, cakes, soups, breakfasts, lunches and dinners. Recipes are drawn from a wide variety of cultures and cooking techniques. Foods 10 is an intermediate course that contributes to later, more complex courses at the senior level. There is no fee for this course.

## **TEXTILES 10**

***Prerequisite: none***

Textiles 10 is a skills-based course that teaches students the basics of sewing including hand-sewing, garment construction, fabric care, notions, machine techniques, reading patterns and fabric embellishments. Students sew a variety of projects that build upon their techniques and skills on garment construction and hand-sewing. Projects reflect an intermediate level and provide the basis for more complicated skill and project development at the senior levels. There is no fee but students must supply their own fabric, notions and patterns.

# Applied Skills–HOME ECONOMICS

## **TEXTILES 11**

*Prerequisite: none but Textiles 9 or 10 is recommended*

This course continues upon the development of skills within construction, design and fabric selection and care. It is a project-based course that increases in skill level, difficulty and quality of workmanship and builds upon experiences at the junior levels. Students are required to produce several projects for assessment. There is no fee for this course however, fabric, notions and patterns are purchased by students for each project.

## **TEXTILES 12**

*Prerequisite: none but previous textiles experience is an asset*

This course continues upon the development of skills within construction, design and fabric selection and care. It is a project-based course that increases in skill level, difficulty and quality of workmanship and builds upon experiences at the junior levels. Students are required to produce several projects for assessment. There is no fee for this course however, fabric, notions and patterns are purchased by students for each project. The emphasis in Textiles 12 is upon acquisition and advancement of skills and knowledge based upon the individual's previous experiences.

## **FOODS STUDIES 11**

*Prerequisite: none but previous foods experience is an asset*

Foods 11 is a performance-based course that concentrates on intermediate and advance levels of cooking skills and techniques to produce more complex dishes with an increasing difficulty level. Foods from many cultures are examined and many options are provided for student choice and interest. Assessment is primarily based upon lab evaluation and performance with theory provided for nutrition content and food safe knowledge. Experiences are geared towards preparation for chef programs, cafeteria training and jobs within the food industry. There is no fee for this course.

## **FOODS STUDIES 12**

*Prerequisite: none but previous foods experience is an asset*

Foods 12 is a performance-based course that concentrates on intermediate and advance levels of cooking skills and techniques to produce more complex dishes with an increasing difficulty level. Foods from many cultures are examined and many options are provided for student choice and interest. Students must increase their repertoire of skills and techniques to complete difficult recipes and learn to create recipes of their own. Assessment is primarily based upon lab evaluation and performance with theory provided for nutrition content and food safe knowledge. Experiences are geared towards preparation for chef programs, cafeteria training and jobs within the food industry. There is no fee for this course.

# Applied Skills–PHYSICAL EDUCATION

## PHYSICAL AND HEALTH EDUCATION 9

Physical and Health Education 9 (PHE9) aims to empower students to develop a personalized understanding of what healthy living means to them as individuals and members of society in the 21st century. The PHE curriculum focuses on well-being — the connections between physical, intellectual, mental, and social health. The following four areas are the focus of PHE.

- 1. Physical Literacy:** Students will acquire the knowledge, skills, and mindsets that will enable them to successfully participate in a wide range of physical activities.
- 2. Healthy and Active Living:** Students will develop a healthy lifestyle, both in and out of school. Aspects of a healthy lifestyle include, healthy eating, daily physical activity and choices that have a positive influence on health and well-being.
- 3. Social and Community Health:** A student's overall health and safety is directly influenced by our physical environment and our interpersonal relationships with others. Students will develop an understanding of how the health of others and the community can influence them as individuals.
- 4. Mental well-being:** Students will explore factors that influence our mental well-being, including our sense of self, our relationship with others, and how we cope with the many changes we experience throughout life. Students will learn strategies to promote mental well-being for themselves and others.

The PHE 9 curriculum aims to develop students who have the knowledge and confidence to promote their own health and well-being by maintaining healthy habits. The goal is for students to recognize and change unhealthy behaviors and, at the same time, advocate for the safety, health, and well-being of others. Students can apply the knowledge, processes, and skills learned to their daily lives while engaging in an exploration of what healthy living means and looks like for them. The PHE9 builds on the knowledge, skill, and understanding of the grade 8 PHE program.

## PHYSICAL AND HEALTH EDUCATION 10

Physical and Health Education 10 (PHE10) is a continuation of the 8 and 9 program. It builds on the knowledge and understanding gained from the previous years of PHE. The PHE 10 curriculum focuses on well-being — the connections between physical, intellectual, mental, and social health. The following four areas are the focus of PHE 10.

- 1. Physical Literacy:** Students will acquire the knowledge, skills, and mindsets that will enable them to successfully participate in a wide range of physical activities.
- 2. Healthy and Active Living:** Students will develop a healthy lifestyle, both in and out of school. Aspects of a healthy lifestyle include, healthy eating, daily physical activity and choices that have a positive influence on health and well-being.
- 3. Social and Community Health:** A student's overall health and safety is directly influenced by our physical environment and our interpersonal relationships with others. Students will develop an understanding of how the health of others and the community can influence them as individuals.
- 4. Mental well-being:** Students will explore factors that influence our mental well-being, including our sense of self, our relationship with others, and how we cope with the many changes we experience throughout life. Students will learn strategies to promote mental well-being for themselves and others.

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# Applied Skills–PHYSICAL EDUCATION

## **ACTIVE FOR LIFE 11/12 (Girls)**

This class is designed to provide girls with the opportunity to experience a variety of activities that are geared towards a healthy, active lifestyle. Personal goal-setting, nutrition, and learning how to become fit are also primary objectives. Planned activities include yoga, body ball, core conditioning, strength training, walk/jog and power-walking, aerobics, step training, circuit training, spinning, outdoor pursuits, and water aerobics.

## **PHYSICAL & HEALTH EDUCATION (FITNESS AND CONDITIONING) 11 & 12**

Through participation in a variety of activities, students will develop a positive attitude towards active living, demonstrate a functional level of activity-specific motor skills and develop career and occupational opportunities related to physical activities. Students will be introduced to available community recreational facilities and services.

Emphasis will be placed on the development of leadership skills through community service. This course fulfills the following objectives:

1. To participate and develop skills in a variety of athletic and recreational activities.
2. To value physical activity as a necessary part of an active, healthy lifestyle.
3. To be aware of community resources available for physical and recreational activities.
4. To demonstrate responsibility by fulfilling leadership requirements.

## **ATHLETIC LEADERSHIP 11/12**

The Athletic Leadership class will be a driving force in creating a successful athletics program that will promote a strong sense of culture, spirit and pride within the school. It is our goal then to instill these qualities within our fellow students and staff to create a sense of spirit that will make everyone proud to be a Wildcat!

The course is organized into these main units:

- Teambuilding
- Leadership Skills
- Event Planning
- Research and Action

In addition, students will be required to log a minimum of 30 hours of volunteer work in the school through various events including score keeping, officiating, concessions, etc. This may include lunch times or after school hours. There will be times throughout the year that we will meet outside of school hours in order to cover the necessary criteria.

Students must be prepared to attend ALL classes. This class is outside of the timetable as an X block in the morning.

## **SUPERFIT 11 and SUPERFIT 12 (PE 12)**

This course is designed for the elite athlete, athletes who would like to gain extra fitness for their sport (i.e. hockey, basketball, soccer), triathletes and for those who would simply like to learn about fitness and training. There are two main areas of focus for this course: Fitness and Sports activities. The Fitness component is comprised of many practical conditioning sessions which incorporate aerobic and anaerobic training, muscular strength and endurance, and circuit training (includes core body strength, balance, agility, reaction time and speed). There is a major emphasis on cross training as well. Students will also study anatomy, athletic injuries and nutrition. Individuals must have a minimum of a B average in PHE 10 or PHE11 and permission from the instructor, to take this course.

# LEADERSHIP

## **LEADERSHIP 8**

This course will provide students with the opportunity to develop and understand a variety of leadership styles and skills. The focus will be to create a connection with the family of schools as well as the entire Grade 8 student body. Students must be complete an application and be nominated by their grade 7 teacher for acceptance into this course.

## **LEADERSHIP 9**

This course will provide students with a variety of school based leadership opportunities. It allows students to learn and understand a variety of leadership styles and provide students with skills to develop their own sense of leadership. Students must complete an application for acceptance into this course.

## **LEADERSHIP 10**

In addition to meeting the goals of PHE 10, the Leadership 10 class will develop leadership skills with criteria specified through class activities and projects. This class will also provide students with opportunities to apply a variety of leadership skills and to develop interpersonal and communication skills. Students will also complete CLE 10 within this course as it runs all year, every day. There is an application process required for this course and applications will be available in the PHE office.

## **COMMUNITY LEADERSHIP 11/12**

This course will focus on developing community based leadership initiatives. Students will be encouraged to work with community based organizations to help make a difference beyond our school. Students who are interested will be required to complete an application for acceptance into this course.

# Applied Skills–TECHNOLOGY EDUCATION

## TECHNOLOGY EDUCATION

The technology education department is focused towards the development of students' abilities to design, develop and fabricate products through hands on learning. Through research, ideation, prototyping, testing and sharing students will gain a greater understanding for how to produce a product. In each course students will learn a different set of technologies, tools and skills but will always fall under the umbrella of the design thinking process.

## TECHNOLOGY EDUCATION 9

### DRAFTING 9

Do you enjoy creating your own inventions. Do you have a creative mind. In drafting you wont just learn how to model your creations but you can make them a reality through 3D printing, CNC mills and vinyl plotters. You will also learn orthographic projection, scale drawings and architectural renderings.

**Evaluation:** is based on Labs and Projects

### METALWORK 9

Metal Work 9 will incorporate a number of key metal working concepts, procedures and practices. While focusing on production metal working, design and construction, students will be working with hand, power, and machine tools used in metal fabrication. Students will be required to solve problems and design personal project ideas.

**Evaluation:** is based on quizzes, designs and project work.

### WOODWORKING 9

This course is designed as a hands-on introduction to woodworking. In this course you get the opportunity

to learn how to develop and create your own woodworking projects. You will learn to apply basic skills involving woodworking tools, portable power tools, and power machinery. Students will be required to solve design problems, interpret plans, calculate cost, and fabricate projects using wood and wood composites as the primary construction medium.

**Evaluation:** is based on project work, quality of design, tests, quizzes and daily logs.

### ROBOTICS 9

Do you have an interest in robotics? In robotics you will use programmable micro controllers such as arduino and raspberry pi to program lights, motors and relays using switches, radio frequency, wireless internet and Bluetooth. You will have the opportunity to design and fabricate several projects including a small robot that will build on your understanding of coding as well as 3D modeling and 3D printing.

**Evaluation:** is based on theory assignments, labs, projects, and daily logs.

# Applied Skills–TECHNOLOGY EDUCATION

## TECHNOLOGY EDUCATION 10

### DRAFTING 10

Are you fascinated by automated fabrication? Would you like to design your own products? Are you interested in architecture? This course is designed to help build your knowledge of drafting through orthographic projection, scale drawings and models. In this course we will touch on both mechanical and architectural drafting. You will have the opportunity to use 3D printers and CNC machines to solve mechanical problems and make 3D models and blueprints of your own building designs.

**Evaluation** is based on design challenge projects and labs.

### METALWORK 10

This course will incorporate a number of key metal working practices and procedures. This course focuses on the design and construction of larger self-designed projects. Students will use more advanced fabrication techniques such as arc, mig and tig welding as well as mills and metal lathes. You will also have the opportunity to make your own casting project which could be a piece of jewelry prototyped with wax or 3d printed and cast with bronze, silver or gold.

**Evaluation** is based on students' completion of a larger (more complex) final project of their design.

### WOODWORKING 10

This course is an introductory hands-on course in which the students learn and apply basic skills involving woodworking tools, portable power tools, and machines. Students will be required to solve design problems, create and interpret plans, calculate

cost, and fabricate projects using wood and wood composites as the primary construction medium. Students will design and build projects using skills acquired.

**Evaluation:** is based on project work, quality of design, tests, quizzes and daily logs.

### ROBOTICS 10

Would you like to gain a greater understanding of how robots and Rov's work? Would you like to learn to control Radio Frequency and Bluetooth? The robotics course has been designed to give you an understanding of programming micro controllers such as raspberry pi and arduino. In this class you will develop several arduino projects including your very own robot using arduino and drive it with PS2 controllers and Bluetooth.

**Evaluation:** is based on theory assignments, labs, projects, and daily logs.



# Applied Skills–TECHNOLOGY EDUCATION

## TECHNOLOGY EDUCATION 11

### DRAFTING 11

Whether you are a beginner or you have taken drafting before, drafting 11 is an exciting and engaging course focused towards problem solving design issues through mechanical and architectural drafting. Based on your skill level labs and assignments will be chosen that expand and advance your skills. Students will have the opportunity to use 3D printers, CNC machines and plotters to prototype their design solutions.

**Evaluation** will be based on Assignments and labs.

### METALWORKING 11

The main objective of this course is to offer a combination of knowledge and "hands on" skills that will prove valuable over a lifetime as well as opening doors to a variety of career options.

The areas of focus will include a blending of safety, theory, tools and equipment, and materials and processes used in the fabrication of metal related products. Students will apply the acquired skills in the design and construction of student selected projects. Specific course objectives may include oxy-acetylene welding/cutting/brazing, electric arc welding (stick), MIG and aluminum welding (wire feed) and plasma torch (cutting). Lathe and milling machine practices, sheet metal, casting and forging will also be included.

**Evaluation** will be based on quizzes, assignments, and projects.

### WOODWORKING 11

This course is an intermediate hands on course in which the students apply previously learned woodworking skills and learn and apply new skills. Woodworking hand tools, portable power tools, and machines are used to build student designed or teacher

selected projects. Students will be expected to solve design problems and construct their solutions, calculate material amounts and costs, and fabricate projects using wood and wood composites. The major focus of this course is the construction of cabinets and furniture.

**Evaluation:** is based on project work, quality of design, tests, quizzes and daily logs.

### ROBOTICS 11

This course is designed as an extension to Robotics 9 and 10. There will be a more advanced look at the possibilities of micro controllers including a deeper look at raspberry pi and the ability to control it remotely. We will also look at Arduino and how the programmable board works by creating our own standalone circuit. There will also be a deeper look into radio frequency and the construction of larger robots.

**Evaluation:** is based on theory assignments, labs, projects, and daily logs.

### TRADES DISCOVERY 11

This course is designed for students to learn skills related to the trade industry. This course will teach you skills for careers in high demand. You will have the opportunity to meet people working in different trades and learn what their careers are like by visiting industrial and construction sites. You will learn the practical skills in carpentry, electrical, plumbing, and welding as well as two units that the teacher selects based on student interest. The experience and knowledge that a student gains from this program will help them identify a trade that suits their skill set and passion and increase their chances of success when entering into post-secondary trade programs.

# Applied Skills–TECHNOLOGY EDUCATION

## TECHNOLOGY EDUCATION 12

### DRAFTING 12

If you are thinking about a career in the architectural or engineering field, this is the class for you. This course will go into a deeper understanding of architecture, including a look at the BC Building Codes. You will create a set of blueprints for a 1500 square foot dream home with a garage, site plan, window and door schedules, electrical as well as foundation plans. There will also be a deeper look at mechanical drafting including detailed assemblies and layouts.

**Evaluation:** will be based on Assignments and labs.

### METALWORKING 12

This course takes a more advanced look at metalworking machining, casting and welding. Parts of the course will be focused on metal art and jewelry fabrication. Students will prototype and cast a detailed ring from wax of 3D modeled on a computer and 3D printed. Those prototypes will then be cast from Brass, Silver or Gold. Students will also learn how to sand cast larger molds out of aluminum. There will also be welding projects that will allow you to gain experience using arc, mig, oxyacetylene and tig welders. There will also be a deeper look into milling and machining on the lathe.

**Evaluation** will be based on quizzes, assignments, and projects.

### WOODWORKING 12

This course is an advanced hands on course in which students apply previously learned woodworking skills and learn and apply new skills. Students are expected

to choose major cabinet or furniture projects and to work with minimal supervision. Students enrolling in this course should be self-motivated and be prepared to choose a major project.

**Evaluation:** is based on quizzes, test, projects, and daily logs

### ROBOTICS 12

This course is an advanced look at programming with micro controllers. Dependent on your experience, labs and projects will be chosen to expand your knowledge. If you are a repeating student you should be self-motivated and prepared to do self-directed studies and projects based on your interest.

**Evaluation:** is based on theory assignments, labs, projects, and daily logs.

### TRADES DISCOVERY 12

This course is designed for students to learn skills related to the trade industry. This course will teach you skills for careers in high demand. You will have the opportunity to meet people working in different trades and learn what their careers are like by visiting industrial and construction sites. You will learn the practical skills in carpentry, electrical, plumbing, and welding as well as two units that the teacher selects based on student interest. The experience and knowledge that a student gains from this program will help them identify a trade that suits their skill set and passion and increase their chances of success when entering into post-secondary trade programs.

# FINE ARTS - Dance

## **DANCE 9**

In this introductory to intermediate class you will learn and perform a variety of dance styles. You will use elements of movement to learn dance technique, combinations and choreography. This course will build self-confidence and develop teamwork and presentation skills. You will be expected to work in small groups to collaborate, communicate ideas and perspectives through dance. The types of dance that may be covered in this course include hip hop, ballet, jazz, multi-cultural, and break dance. Dancers will be expected to perform in one performance outside of class time. Dancers will receive the training required for Dance Company 10, 11 and 12. Evaluation is based on progress, attitude and participation.

## **DANCE COMPANY 10**

In this advanced class you will learn and perform a variety of dance styles. You will use elements of movement to learn dance technique, combinations and choreography. This course will develop innovative thinking and will nurture creativity and collaboration. You will be expected to create your own choreography in order to communicate ideas and perspectives of culture and personal identity. The types of dance that may be covered in this course include hip hop, ballet, jazz, multi-cultural, and break dance. Dancers will be expected to perform in one performance outside of class time. Evaluation is based on progress, attitude and participation. It is highly recommended that students have prior dance courses or experience.

## **DANCE COMPANY 11**

In this advanced class you will learn and perform a variety of dance styles. You will use elements of movement to learn dance technique, combinations and choreography. This course will develop innovative thinking and will nurture creativity and collaboration. You will be expected to create your own choreography in order to communicate ideas and perspectives of culture and personal identity. The types of dance that may be covered in this course include hip hop, ballet, jazz, multi-cultural, and break dance. Dancers will be expected to perform in one performance outside of class time. Evaluation is based on progress, attitude and participation. It is highly recommended that students have prior dance courses or experience.

## **DANCE COMPANY 12**

In this advanced class you will learn and perform a variety of dance styles. You will use elements of movement to learn dance technique, combinations and choreography. This course will develop innovative thinking and will nurture creativity and collaboration. You will be expected to create your own choreography in order to communicate ideas and perspectives of culture and personal identity. The types of dance that may be covered in this course include hip hop, ballet, jazz, multi-cultural, and break dance. Dancers will be expected to perform in one performance outside of class time. Evaluation is based on progress, attitude and participation. It is highly recommended that students have prior dance courses or experience.

# FINE ARTS–Drama/Music/Visual Arts

## **DRAMA 9**

Drama 9 is a course for beginner level drama students with no prior acting experience. Drama 9 is a process based course that follows the lesson design structures focusing on the warmup/ rehearsal/ performance flow structure. All assignments will be using the creative process model. Students will learn many drama skills, forms and styles. Units of study may include, but are not limited to: scene

building, character development, improve theatre and theatre sports, play analysis, movement, vocal projection, dialect development, radio plays, monologues, and scripted scene study. At the end of each unit, we present our work to outside classes in order to develop our performance skills. Students will develop their acting vocabulary and learn proper stage directions. The students will learn proper etiquette and behavior that is appropriate in a drama/theatre environment, as both performers and spectators. Basic skills for everyday life, such as public speaking and social responsibility, are also reinforced in this course. There are no prerequisites courses to Drama 9.

## **DRAMA 10**

Drama 10 is a course for intermediate level drama students. Drama 10 is a process based course that follows the lesson design structures focusing on the warmup/ rehearsal/ performance flow structure. All assignments will be using the creative process model. Students will learn many drama skills, forms and styles. Units of study may include, but are not limited to: scene building, character development, improve theatre and theatre sports, play analysis, movement, vocal projection, dialect development, radio plays, monologues, and scripted scene study. At the end of each unit, we present our work to outside classes in order to develop our performance skills. Students will develop their acting vocabulary and learn proper stage directions. The students will learn proper etiquette and behavior that is appropriate in a drama/theatre environment, as both performers and spectators. Basic skills for everyday life, such as public speaking and social responsibility, are also reinforced in this course. There are no prerequisites courses to Drama 10.

## **THEATRE PERFORMANCE - ACTING 11**

Theatre Performance 11 is a process based acting class designed for students who are interested in delving deeper into the material explored in Drama 10, or who have future aspirations in a performing based discipline for their future. TP11 follows the lesson design structures of prior classes in the Drama umbrella, focusing on the warmup/rehearsal/performance flow structure. Students in this class will be tasked with creating performances to be shown to other classes, groups of parents, the Tamanawis community at large, and even public performances to other schools and audiences. The course will focus on play and character creation, play interpretation, video projects, improv performances, movement based Drama, and connections to the larger community. We will be attending at least one field trip during the semester to take in a play or musical.

There are no prerequisites to Theatre Performance 11.

## **THEATRE PERFORMANCE - ACTING 12**

Theatre Performance 12 is a process based acting class designed for students who are interested in delving deeper into the material explored in Drama 10 TP 11, or who have future aspirations in a performing based discipline for their future. TP12 follows the lesson design structures of prior classes in the Drama umbrella, focusing on the warmup/rehearsal/performance flow structure. Students in this class will be tasked with creating performances to be shown to other classes, groups of parents, the Tamanawis community at large, and even public performances to other schools and audiences. The course will focus on play and character creation, play interpretation, video projects, improv performances, movement based Drama, and connections to the larger community. We will be attending at least one field trip during the semester to take in a play or musical.

There are no prerequisites to Theatre Performance 12, however, it is expected that students taking this course are highly proficient presenters, have much experience in public performance, and be excited to be a part of productions outside of the school day.

# FINE ARTS–Drama/Music/Visual Arts

## **CONCERT BAND 9**

Concert Band 9 is designed to further develop skills and concepts learned in Concert Band 8. Concepts emphasized include theory, technique, tone production, and rhythm. Students will receive instruction on their instrument and will listen to and perform music in a wide variety of styles. Students will perform at Tamanawis Band Concerts, the District Concert Band Revue and on extra-curricular band trips. Students who have successfully completed Concert Band 8 or Beginning Band 8 are eligible to take this course. Students who have not participated in Concert Band grade 8 are recommended to choose “Beginning Band 9”.

## **BEGINNING BAND 9**

Beginning Band 9 is a course that is ideal for students who would like to enter the Band program. This course is catered to students who did not or were not able to join Concert Band in Grade 8. Emphasis will be on basic technique, note reading, and ear training. Evaluation will be based on progress, attitude, and participation during rehearsals and performance opportunities. Everyone is welcome to register for this course, regardless of experience level.

## **CONCERT BAND 10**

Concert Band 10 is designed to further develop skills and concepts learned in Concert Band 9. Concepts emphasized include theory, technique, tone production, and rhythm. Students will receive instruction on their instrument and will listen to and perform music in a wide variety of styles. Students will perform at Tamanawis Band Concerts, the District Concert Band Revue and on extra-curricular band trips. Students who enroll in Concert Band 10 must have 1 to 2 years’ experience in a music course at Tamanawis, or they must have a consultation with the Music Director.

## **CONCERT BAND 11**

This course is part of our most senior level wind ensemble. Course content includes advanced development of all music skills developed in previous years of band. Students in this ensemble are committed to participate in all this ensembles’ performance endeavors. The goal of lifelong music enjoyment will be explored through participation in

music festivals, competitions and trips. Students must have successfully completed Concert Band 10 or they must have a consultation with the Music Director prior to registering for this course.

## **CONCERT BAND 12**

This course is part of our most senior level wind ensemble. Course content includes advanced development of all music skills developed in previous years of band. Students in this ensemble are committed to participate in all this ensembles’ performance endeavors. The goal of lifelong music enjoyment will be explored through participation in music festivals, competitions and trips. Students must have successfully completed Concert Band 11 or have had a consultation with the Music Director prior to registering for this course.

## **JAZZ BAND 9**

Jazz Band 9 is offered as an **X-block** which runs from 3:15 pm – 4:45 pm afterschool on Tuesdays and Thursdays. The Junior Jazz 9 course undertakes the study of jazz style in a big band setting. Instruments included are saxophone, trombone, trumpet, drum set, bass, guitar and piano. As Junior Jazz 9 is a full-credit course, enrolling students will have an extra course on their transcript. Evaluation will be based on progress, participation, and attitude during rehearsals and performances. It is expected that students who choose to join Jazz Band are enrolled in Concert Band 9 and must have a consultation with the Music Director prior to registering for this course.

## **JAZZ BAND 10**

Jazz Band 10 is offered as an **X-block** which runs from 3:15 pm – 4:45 pm afterschool on Tuesdays and Thursdays. The Junior Jazz 10 course undertakes the study of jazz style in a big band setting. Instruments included are saxophone, trombone, trumpet, drum set, bass, guitar and piano. As Junior Jazz 10 is a full-credit course, enrolling students will have an extra course on their transcript. Evaluation will be based on progress, participation, and attitude during rehearsals and performances. It is expected that students who choose to join Jazz Band are enrolled in Concert Band 10 and must have a consultation with the Music Director prior to registering for this course.

# FINE ARTS–Drama/Music/Visual Arts

## **JAZZ BAND 11**

Jazz Band 11 is offered as an **X-block** which runs from 7:00 am – 8:30 am before school. Jazz Band 11 undertakes the study of jazz style in a big band setting. Instruments included are saxophone, trombone, trumpet, drum set, bass, guitar and piano. As Jazz Band 11 is a full-credit course, enrolling students will have an extra course on their transcript. Evaluation will be based on progress, participation, and attitude during rehearsals and performances.

## **JAZZ BAND 12**

Jazz Band 12 is offered as an **X-block** which runs from 7:00 am – 8:30 am before school on Tuesdays and Thursdays. Jazz Band 12 undertakes the study of jazz style in a big band setting. Instruments included are saxophone, trombone, trumpet, drum set, bass, guitar and piano. As Jazz Band 12 is a full-credit course, enrolling students will have an extra course on their transcript. Evaluation will be based on progress, participation, and attitude during rehearsals and performances.

## **GUITAR 9**

This course is designed to cater to beginner to advanced guitar students. As this course is structured to move at the students own pace, it is important that students who choose Guitar 9 are able to regulate their learning. Students will be able to borrow a guitar from the Music Program or dust off the one they have sitting in at home to participate in this course. Students will have the opportunity to develop skills on the Acoustic, Electric or Bass Guitars and also the Ukelele. In addition, there will be opportunities for students to learn basic digital recording, mixing and editing on iMac computers.

## **GUITAR 10**

This course is designed to cater to beginner to advanced guitar students. As this course is structured to move at the student's own pace, it is important that students who choose Guitar 10 are able to regulate their learning. Students will be able to borrow a guitar from the Music Program or dust off the one they have sitting in at home to participate in this course. Students will have the opportunity to develop skills on the Acoustic, Electric or Bass Guitars and also the Ukelele. In addition, there will be opportunities for students to learn basic digital recording, mixing and editing on iMac computers.

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## **GUITAR 12**

This course is designed to cater to beginner to advanced guitar students. As this course is structured to move at the students own pace, it is important that students who choose Guitar 12 are able to regulate their learning. Students will be able to borrow a guitar from the Music Program or dust off the one they have sitting in at home to participate in this course. Students will have the opportunity to develop skills on the Acoustic, Electric or Bass Guitars and also the Ukelele. In addition, there will be opportunities for students to learn basic digital recording, mixing and editing on iMac computers.

# FINE ARTS-Drama/Music/Visual Arts

## **DRUMLINE 9**

This exciting course is for students who are interested in being involved in a high energy group of percussion instruments. Students are welcome regardless of their present skill set, whether it be beginner to advanced. Students will learn to read rhythm patterns, techniques to playing each drum and will have the opportunity to perform in a team-based ensemble.

## **DRUMLINE 10**

This exciting course is for students who are interested in being involved in a high energy group of percussion instruments. Students are welcome regardless of their present skill set, whether it be beginner to advanced. Students will learn to read rhythm patterns, techniques to playing each drum and will have the opportunity to perform in a team-based ensemble.

## **DRUMLINE 11**

This exciting course is for students who are interested in being involved in a high energy group of percussion instruments. Students are welcome regardless of their present skill set, whether it be beginner to advanced. Students will learn to read rhythm patterns, techniques to playing each drum and will have the opportunity to perform in a team-based ensemble.

## **DRUMLINE 12**

This exciting course is for students who are interested in being involved in a high energy group of percussion instruments. Students are welcome regardless of their present skill set, whether it be beginner to advanced. Students will learn to read rhythm patterns, techniques to playing each drum and will have the opportunity to perform in a team-based ensemble.

## **VOCAL PERFORMANCE 8**

This course is designed to introduce students to the elements of singing in a choral setting. Students will sing a wide variety of music and will receive instruction in correct vocal technique, microphone technique, music reading and performance skills. Students will perform at numerous Tamanawis Music concerts, a choral revue and will have the opportunity to participate in various extra-curricular tours. This class will meet twice a week outside of the regular timetable (likely Monday and Wednesday afternoon from 3:10pm - 4:40 pm). As Vocals 8 is a full-credit course, enrolling students will have an extra course on their transcript. Evaluation will be based on progress, participation, and attitude during rehearsals and performances.

## **VOCAL PERFORMANCE 9**

This course is designed to introduce students to the elements of singing in a choral setting. Students will sing a wide variety of music and will receive instruction in correct vocal technique, microphone technique, music reading and performance skills. Students will perform at numerous Tamanawis Music concerts, a choral revue and will have the opportunity to participate in various extra-curricular tours. This class will meet twice a week outside of the regular timetable (likely Monday and Wednesday afternoon from 3:10 pm - 4:40 pm).As Vocals 9 is a full-credit course, enrolling students will have an extra course on their transcript. Evaluation will be based on progress, participation, and attitude during rehearsals and performances.

## **VOCAL PERFORMANCE 10**

This course is designed to introduce students to the elements of singing in a choral setting. Students will sing a wide variety of music and will receive instruction in correct vocal technique, microphone technique, music reading and performance skills. Students will perform at numerous Tamanawis Music concerts, a choral revue and will have the opportunity to participate in various extra-curricular tours. This class will meet twice a week outside of the regular timetable (likely Monday and Wednesday afternoon from 3:10pm - 4:40 pm). As Vocals 10 is a full-credit course, enrolling students will have an extra course on their transcript. Evaluation will be based on progress, participation, and attitude during rehearsals and performances.

# FINE ARTS-Drama/Music/Visual Arts

## **VOCAL PERFORMANCE 11**

This course is designed to introduce students to the elements of singing in a choral setting. Students will sing a wide variety of music and will receive instruction in correct vocal technique, microphone technique, music reading and performance skills. Students will perform at numerous Tamanawis Music concerts, a choral revue and will have the opportunity to participate in various extra-curricular tours. This class will meet twice a week outside of the regular timetable (likely Monday and Wednesday afternoon from 3:10pm - 4:40 pm). As Vocals 11 is a full-credit course, enrolling students will have an extra course on their transcript. Evaluation will be based on progress, participation, and attitude during rehearsals and performances.

## **VOCAL PERFORMANCE 12**

This course is designed to introduce students to the elements of singing in a choral setting. Students will sing a wide variety of music and will receive instruction in correct vocal technique, microphone technique, music reading and performance skills. Students will perform at numerous Tamanawis Music concerts, a choral revue and will have the opportunity to participate in various extra-curricular tours. This class will meet twice a week outside of the regular timetable (likely Monday and Wednesday afternoon from 3:10pm - 4:40pm). As Vocals 12 is a full-credit course, enrolling students will have an extra course on their transcript. Evaluation will be based on progress, participation, and attitude during rehearsals and performances.

## **VISUAL ART 9**

Visual Art 9 is a course designed for students of all levels in Visual Art. Learn to draw, paint and express your ideas like a pro! Students will experiment with a variety of techniques & materials using both abstraction and realism. We will gain skills and confidence using design strategies and learn how to paint/ draw/ and combine materials in creative ways. We will explore aboriginal art, anime/manga, street art, contemporary art & historical artwork for inspiration. Evaluation is based on personal growth, from start to end of term.

## **ART STUDIO 10**

Art Studio 10 (Visual Art 10) is a course designed for students of all levels in Visual Art. Learn to draw, paint and express your ideas like a pro! Students will experiment with a variety of techniques & materials using both abstraction and realism. We will gain skills and confidence using design strategies and learn how to paint/ draw/ and combine materials in creative ways. We will explore aboriginal art, anime/manga, street art, contemporary art & historical artwork for inspiration. Students are given more independence in choosing themes and imagery for projects. Evaluation is based on personal growth, from start to end of term.

## **STUDIO ARTS 3D 9-12**

Ceramics and Sculpture is an exciting course where you will work with clay (hand-building and wheel-throwing), paper-mache, plaster and textiles. You will create functional pieces (vases, bowls, and dinnerware, puppets and toys) as well as sculptural pieces. You will examine and apply the elements and principles of design as you create art, and respond to contemporary and historical works of art. You will explore and visually communicate your perspectives on personal identity and community in this class. All experience levels are welcome.

## **ART STUDIO 11**

Art Studio 11 (Art Foundations 11) is a course designed for students of all levels in Visual Art. Learn to draw, paint and express your ideas like a pro! Students will experiment with a variety of techniques & materials using both abstraction and realism. We will gain skills and confidence using design strategies and learn how to paint/ draw/ and combine materials in creative ways. We will explore aboriginal art, anime/manga, street art, contemporary art & historical artwork for inspiration. Students are given more independence in choosing themes and imagery for projects. Evaluation is based on personal growth, from start to end of term.



# FINE ARTS-Drama/Music/Visual Arts

## **ART STUDIO 12**

Art Studio 12 (Art Foundations 12) is a course designed for students of all levels in Visual Art. Even those that have never taken an art class! Learn to draw, paint and express your ideas like a pro! Students will experiment with a variety of techniques & materials using both abstraction and realism. We will gain skills and confidence using design strategies and learn how to paint/ draw/ and combine materials in creative ways. We will explore aboriginal art, anime/manga, street art, contemporary art & historical artwork for inspiration. Students are given more independence in choosing themes and imagery for projects. Evaluation is based on personal growth, from start to end of term.

## **STUDIO ARTS: PHOTOGRAPHY 10-12**

This course will include the fundamentals of digital photography and image editing using Adobe Photoshop. Emphasis will be on proper use of camera settings to create image quality in the context of the digital revolution. Levels 1, 2 and 3 will be applied to each student as the course may be repeated. Students in higher levels will be given more challenging assignments and will act as ambassadors to others. Assignments may include extra-curricular events and activities within the school. Students will respond to and evaluate historical and contemporary photography in advertisements, portraiture and fine art. Student photos may be chosen to be printed and exhibited in the school and community art shows. Evaluation is

based on personal growth, from start to end of the term.

## **YEARBOOK 10**

Why take yearbook? In this course students will gain skills in: photography, photoshop, advance graphic design, publishing, copy writing and editing while producing a creative, innovative yearbook which records school memories and events. While producing real product that everyone will keep for years to come, students will gain useful, real world skills in time management, marketing, teamwork, and principles of design.

## **YEARBOOK 11/12**

This is a year-long course that introduces students all phases of yearbook production. Students will learn the skills of Journalism, Graphic Design, Photography, Marketing, Advertising and Sales. Along the way, students will learn or improve on Adobe Photoshop and the art of digital photography. Classroom activities and expectations are closely related to the real world of interviewing, reporting, meeting deadlines and producing a widely viewed publication.

Students who complete applications for this course will be given a priority to register. Please see your councillor to pick up your application.

# **Special Opportunities**

## **LIBRARY SCIENCE**

### **TAMANAWIS LIBRARY LEARNING COMMONS**

The Library Learning Commons at Tamanawis Secondary is a literacy-rich environment – full of print, word walls, books, and reading materials. It is also a flexible, innovative and inclusive hub of learning. We are committed to providing students with access to a variety of information resources, facilities for learning, technology and expertise to empower students in becoming successful, life-long consumers and creators of information in our technologically rich society. We encourage everyone to actively participate in learning and trying new things.

We are open all day, including before school, at lunch and after school. Our regular hours are 8:00 am – 3:15 pm. During special library events, hours may change. Look for signs and notices and listen to the daily announcements.

### **LIBRARY SCIENCE 10**

This course is designed to introduce students to library work including organization, procedures and practical skills involved in running an automated library. Students will develop knowledge and skills in the areas of customer service, resource management, information retrieval, information technology, digital literacy and research. A positive attitude towards reading, media and technology, and a good work ethic is recommended. Students are encouraged to work in a businesslike manner and must be able to work independently. Evaluation is based on daily work habits, assignments and project work.

### **LIBRARY SCIENCE 11**

This is a practical course where students are involved in the day-to-day running of an automated library. Students will develop knowledge and skills in the areas of customer service, resource management, information retrieval, information technology, digital literacy, research, library philosophy, and career exploration. A positive attitude towards reading, media and technology, and a good work ethic is recommended. Students are encouraged to work in a businesslike manner and must be able to work independently. Evaluation is based on daily work habits, assignments and project work.

# LEARNING SUPPORT and PEER TUTORING PROGRAM

The Learning Support Program is available for students who need support and assistance in their academics. The program consists of enrolled tutorials/skill building classes for designated students and non-enrolled drop-in opportunities for all other learners.

## **TUTORIALS**

The Learning Support program provides students with a tutorial block to support them in their education. In a tutorial block, students receive assistance and support in areas of need and build fundamental academic skills in a supportive environment. Please note that LST courses are zero credits unless otherwise stated.

## **SKILLS FOR SUCCESS (GRADES 10-12)**

This course provides direct and specific instruction to develop student knowledge, self-awareness and skills to engage learning. The course is designed to offer opportunities for cross-curricular connections and focuses on core competency development that will help learners demonstrate independence in use of skills and strategies that support learning and personal goal setting. This course is worth 4 credits.

## **PEER TUTORING 11**

This course provides students with an opportunity to help peers who are experiencing difficulty with their academic subjects, organizational skills, study skills, and/or work habits. Peer tutors undergo training and develop knowledge and skills related to the variety of teaching and learning styles that exist and other factors that may impact student learning and achievement. Peer tutors are then assigned to assist in academic classes and specialized programs such as Learning Support.

## **PEER TUTORING 12**

This course is a continuation of Peer Tutoring 11. It provides students with further opportunities to help peers who are experiencing difficulty with their academic subjects, organizational skills, study skills, and/or work habits. Peer tutors expand their knowledge and skills related to teaching and learning. Peer tutors are then assigned to assist in academic classes and specialized programs such as Learning Support.

## **INTRODUCTION TO ACADEMIC LANGUAGE ELL 10**

This course is designed for English Language Learners (ELLs) who have made some progress in developing their Basic Interpersonal Communication Skills (BICS) already and are ready to more intently and explicitly begin developing academic English (Cognitive Academic Language Proficiency, or CALPS). In this course, students grow their knowledge and skills for academic communication in English through explicit vocabulary, reading, writing, speaking, listening, and viewing instruction in a sheltered environment. This course builds a bridge between students' previous learning, their personal and social identities and relationships, and the new cultural setting within which they are now interacting.

# **LEARNING SUPPORT and PEER TUTORING PROGRAM**

## **ACADEMIC LANGUAGE ELL (GRADES 10-12)**

In this course, students will develop their academic English within a sheltered environment which meets the specific cultural adjustment needs of English Language Learners (ELLs). This course continues to expand upon the skills acquired in Introduction to Academic Language ELL10 which are needed in order to be successful in writing, speaking, listening, and reading competencies through a variety of text genres, registers, structures, forms, and styles. This course includes elements of Canadian culture (cultural identity and First Peoples culture).

## **INTRODUCTION TO THE LANGUAGE OF MATH/SCIENCE**

In this course, students will be introduced to English terms and concepts related to math and science. Basic science units and math concepts will be explored once vocabulary is introduced. Within this context, students will grow their knowledge and skills through explicit vocabulary, reading, writing, speaking, listening, and viewing instruction in a sheltered environment.

## **THE LANGUAGE OF MATH/SCIENCE**

In this course, students will be introduced to more advanced English terms and concepts related to math and science. Science units and math concepts will be explored once vocabulary is introduced. Within this context, students will grow their knowledge and skills through explicit vocabulary, reading, writing, speaking, listening, and viewing instruction in a sheltered environment.

# CAREER DEVELOPMENT

## CAREER CENTRE SERVICES

- CAREER EXPLORATION
- CAREER PREPARATION (RESUMES, COVER LETTERS, INTERVIEW SKILLS)
- SCHOLARSHIP OPPORTUNITIES
- POST-SECONDARY INFORMATION, APPLICATIONS & PSI REGISTRATION
- WORK EXPERIENCE OPPORTUNITIES
- VOLUNTEER OPPORTUNITIES
- APPRENTICESHIPS & WORK PROGRAM
- GUEST SPEAKERS

## CAREER PROGRAMS

- CAREER LIFE EDUCATION (MANDATORY COURSE)
- CAREER LIFE CONNECTIONS (NEW MANDATORY COURSE REPLACES GTP)
- TRANSITION PROGRAM
- TRADES DISCOVERY
- CO-OP PROGRAMS (CAREER LIFE CONNECTIONS CO-OP)
- DISTRICT APPRENTICESHIP TRAINING (PARTNERSHIP PROGRAMS)
- YOUTH WORK IN TRADES PROGRAM
- WORK EXPERIENCE

## SPECIALTY PLACEMENTS

- RCMP YOUTH ACADEMY & CAREER PREP PROGRAM
- BCIT BIOTECHNOLOGY CAREER AWARENESS
- RESEARCH OPEN HOUSE
- BCIT BROADCASTING PROGRAM
- SCIENCE WORLD & VANCOUVER AQUARIUM
- SKILLS CANADA COMPETITIONS
- JUMP START; DREAM ACADEMY; STICKS & STARS
- PLAY ON PROGRAM
- REACH PROGRAM (Surrey Community Schools)
- MINI-MED SCHOOL, GAIRDNER SYMPOSIUM AND DISCOVERY DAYS
- BIG BROTHERS TEAM MENTORING PROGRAM
- SOLDIER FOR A DAY

# CAREER DEVELOPMENT

## CAREER EDUCATION 8 and 9

Career development is an ongoing process that requires a variety of explorations and experiences both within and outside the school environment. Students in grade 8 explore concepts such as identity, leadership, personal planning, and transferable skills. During the grade 8 Career Education rotation, students will be introduced to *My Blueprint*, a comprehensive platform for career and personal exploration where they will build portfolios that they will continue to develop through to graduation.

In grade 9, students will begin to explore in greater depth their skills and passions, and begin to determine possible pathways to their goals. *Take Our Kids to Work Day* in November allows grade 9 students to experience first-hand a day at work with an adult in their life. Other career education activities, including ongoing exploration within *My Blueprint*, will take place within other subjects in grade 9.

## CAREER LIFE EDUCATION 10

This course replaces Planning 10 as a Ministry-mandated course to meet graduation requirements. Options for students after high school are becoming increasingly varied and complex, and successful transition to post-secondary life requires lifelong planning and learning. The Career Education curriculum involves students in research, problem solving, and decision making relevant to their life journey.

Curricular competencies (what students are expected to be able to do) include:

- Consider the impact of personal and career choices on themselves and others
- Recognize the need for a healthy balance between school and other life activities
- Recognize the influence of their communication skills and digital footprint on job-seeking
- Consider the need for **ethical behavior, equality, and equity** within the work environment
- Appreciate the importance of safety skills and workplace safety in specific careers/occupations and technologies
- Locate and apply local and global career and labour market information to make potential career and life decisions
- Appreciate the role of personal networks in choosing and advancing career paths
- Create an initial career and education plan, considering financial implications

## CAREER LIFE CONNECTIONS 11/12

This Ministry-mandated course **can be completed in grade 11 or 12** and replaces the former Graduation Transitions Plan. The need for a senior dedicated course is based on the understanding that career and education paths require ongoing exploration, planning, evaluation, and adaptation.

Curricular competencies (what students are expected to be able to do) include:

- Explore and articulate career opportunities based on research and **ways of knowing**
- Complete a minimum of 30 hours of work experience or volunteering
- Cultivate and engage personal networks as a **post-graduation** resource
- Critically assess and interpret career related information including labour market trends
- Demonstrate an awareness of employment standards and various workplace safety standards
- Apply local and global sustainability and economic trends to personal career and life choices as an **educated citizen**
- Demonstrate a degree of self-assessment and preparation needed to reach post-graduation goals and plans
- Design, assemble and present a culminating (capstone) project to an audience

# CAREER DEVELOPMENT

## CO-OP PROGRAMS

Co-operative Education (Co-op) integrates academic studies with related work experience. Students have the opportunity to:

- Experience hands-on learning
- “Test-drive” career options
- See the relevance of their classroom learning
- Develop the essential skills and habits required in the workplace
- Gain valuable work experience to help build a resumé for post-secondary programs, scholarships, and future employment

Co-op students spend one semester with the same class of students and one or two teachers. They will spend two 3-week sessions in the community in an unpaid work experience placement. Co-op students will complete the requirements for **Career Life Connections** during the classroom component, including the **Capstone project**.

## CAREER LIFE CONNECTIONS CO-OP

*(Mr. Dhaliwal & Mr. Kaufman)*

Welcome to the Career Life Connections Coop. This one semester coop will give you credit for 6 courses and has many of the courses required for graduating and/or entering university. Along with the Work Experience 12A and 12B credits you will also take English 11, Career Life Connections 11, Punjabi 11 (or Intro Punjabi), and a brand new offering at Tamanawis, Interpersonal & Family & Relationships 11. English 11 and Career Life Connections 11 are required courses to graduate. Punjabi meets the language requirements for University and Family & Interpersonal Relationships 11 meets the Applied Design, Skills, and Technology requirement to graduate. What an amazing opportunity! Our career facilitator will help students find two 3 week work experience placements during the semester where they will be working away from the school. Students do not need to worry about missing class time for work experience as the program takes into consideration that you are actually taking six courses instead of four. Furthermore the courses can be amalgamated for many learning objectives. For example, an English project could be presented in Punjabi to meet the outcomes of both courses. The benefits of this coop will be deeply felt and include the chance to make your resumes and applications really stand out with valuable work experience, extra credits, professional references, potential part-time employment, and most importantly, getting the chance to participate and learn in a program that is specifically focused on tying the skills you will learn in individual classes into a personal and career focused growth of self both inside and outside of the classroom. Please see Mr. Dhaliwal, Mr. Kaufman, or Mr. McMaster for more information.

<u>Credits:</u>	<u>Benefits:</u>
<ul style="list-style-type: none"><li>• English 11</li><li>• Interpersonal &amp; Family Relationships 11</li><li>• Career Life Connections 11/12</li><li>• Punjabi 11</li><li>• Work Experience 12A &amp; 12B</li></ul>	<ul style="list-style-type: none"><li>• <u>6 weeks of work experience instead of school!</u></li><li>• Merge English &amp; Career projects &amp; Punjabi &amp; IFM 11 projects for better time management</li><li>• Gain work experience and references for your resume</li><li>• Earn 24 credits instead of 16</li></ul>

# CAREER DEVELOPMENT

## **WORK EXPERIENCE 12A & WORK EXPERIENCE 12B**

An integral component of co-op programs, these two Ministry approved courses can also be taken as stand-alone courses, or backed with **Career Life Connections 12** to enable students to complete a work experience opportunity in the community within the school timetable.

Community based work experience is intended to help prepare students for the transition from secondary school to the world of work or post-secondary education. Experiential learning in the community can provide a frame of reference to review or revise a student's career goals. Work experience provides students with an opportunity to apply classroom learning in a context outside of school and bring back to the classroom new concepts about their learning. Work experience also provides students with the chance to gain new skills that can be used in future employment opportunities. If you are interested in 'TEST DRIVING' a career after school hours, drop by the Career Centre for more information.

The classroom component of Work Experience 12A and Work Experience 12B includes units on employment standards, workplace safety, workplace etiquette, and employability skills.

Goals for Work Experience courses include:

- Connect what students learn in the classroom with the knowledge, skills and attitudes needed in the workplace
- Gain the knowledge, skills and attitudes needed to be successful in the world of work
- Develop job readiness skills for specific occupations and careers
- Understand the similarities and differences in behavior standards between the workplace and school

Whenever possible, work placements will reflect a student's career and personal goals, as well as their interests, abilities and aptitudes. These are the main factors that form the basis of career planning. Work experience can be paid or unpaid, and arranged by the school or the student.

### **FOCUS AREAS:**

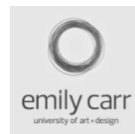
Students who participate in career programs (co-ops, work experience, partnership programs, SSA program) will graduate with a designation in one of the following Focus Areas:

- Business & Applied Business
- Fine Arts, Design & Media
- Fitness & Recreation
- Health & Human Services
- Liberal Arts / Humanities
- Science & Applied Science
- Tourism, Hospitality & Foods
- Trades & Technology



# CAREER DEVELOPMENT

## DISTRICT PARTNERSHIP PROGRAMS



**SKILLED TRADES TRAINING** in partnership with our local Post-Secondary schools.

**TUITION IS PAID BY THE SURREY SCHOOL DISTRICT**

Partnership programs allow qualified students to complete foundation level skilled trades training while still in high school. Students apply through the career centre in March of their grade 10 or grade 11 year, and complete training during one semester the following year. (The Hairstylist program requires two semesters to complete)

- Also known as **ACE IT** or **YOUTH TRAIN in TRADES** programs.

At present, Surrey offers 20 District Partnership Programs:

- Automotive Service Technician (VCC)
- Auto Collision Repair (VCC)
- Baking & Pastry Arts (VCC)
- Carpentry (KPU)
- Culinary Arts (Professional Cook) (VCC)
- Drafting (CADD) (KPU)
- Education Assistant (Surrey Community College)
- Electrician (BCIT)
- Emily Carr Head Start in Art (ECU)
- Hairdressing/Stylist (SD36)
- Heavy Mechanical Trades (VCC Annacis Island)
- Horticulture (KPU)
- Law Enforcement Preparatory Program (NVIT)
- Masonry/Bricklayer (KPU)
- Millwright (KPU)
- Painter and Welding (FTI)
- Plumbing (KPU)
- Roofing (RCA)
- Steel Fabrication

### **BENEFITS FOR PARTICIPANTS:**

- Dual Credits (both High School & Post-Secondary)
- Get a head start in an apprenticeship
- **Tuition-free post-secondary training**
- Avoid long waitlists for skilled trades programs at BCIT and VCC
- May qualify for \$1000 WRK award (Youth Work in Trades)

# CAREER DEVELOPMENT

## YOUTH WORK IN TRADES



The Youth Work in Trades program provides students 15 years of age or older with the opportunity to start an apprenticeship while still in high school. Students can enroll in the WRK program who:

- Work in a skilled trades area during weekends and/or summers
- Gain Work Based Training hours through a District Partnership program

Skilled trades that qualify for participation in the WRK program include:

*Automotive Trades, Baking & Pastry, Carpentry, Cook, Drywall & Plastering, Electrician, Flooring Installer, Glazier, Hairstylist, Heavy Mechanical, Horticulturist, Painting & Decorating, Plumbing, Roofing, Welding and more!*

See the ITA website for a complete list of apprenticeable skilled trades:

<https://www.itabc.ca/discover-apprenticeship-programs/search-programs>

### **BENEFITS FOR PARTICIPANTS:**

- Earn 16 extra credits toward graduation
- Accumulate hours towards skilled trade certification
- Earn money while acquiring a skill
- Avoid long waitlists for skilled trades programs at BCIT and VCC
- Win a \$1000 Youth Work In Trades award (must accumulate 900 work based training hours by December 31 of the year the student turns 19)

**PLEASE DROP BY THE CAREER CENTRE FOR MORE INFORMATION  
ABOUT THE YOUTH WORK IN TRADES PROGRAM.**