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## INTRODUCTION

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The content of this booklet can also be found at: <http://churchill.vsb.bc.ca/> under the “Teaching and Learning” tab; click on the “Courses” page. This booklet is intended for the use of our Grade 8-11 students and their parents/guardians for planning courses for future years. These course descriptions are Grade 9-12 course offerings by departments of the school. Students should consider carefully the courses they wish to take next year. Courses may not be scheduled if projected enrolment is insufficient.

Students are encouraged to familiarize themselves with the content of this booklet. It is the obligation of the student and their family, in consultation with the Counsellor, to ensure that the student has chosen an array of courses that meet graduation and post-secondary institution entrance requirements.

### **How to use this booklet:**

1. Study the graduation requirements.
2. Read the Course Descriptions for the core academic courses: English, Socials, Math, Science, PE and Languages (if any).
3. Look for additional (elective) courses based on your
  - a. Interests
  - b. Abilities
  - c. Possible use in a future vocation.
4. Select eight courses.
5. If you have questions, ask your grade counsellor or teachers in the appropriate department.
6. Do not assume you will be allowed to drop out of a course once you have chosen it. The final decision rests with the grade administrator.
7. Do not assume that a course you have not selected will be available to you.

## COURSE SELECTION PROCESS

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Students will begin the process of selecting courses for the following school year in January. Students select a full program of studies (8 courses per year) which meet the following goals:

1. Meet graduation requirements for British Columbia
2. Support future plans, such as entrance to college or university
3. Provide a balanced and engaging educational experience, which includes a balance of academic and elective courses

All students in Grades 8 through 11 will have completed their course selections by the end of February. Students will be selecting their courses through the MyEdBC computer system. It is imperative that parents/guardians and students are comfortable with the site and that all students are aware of their passwords. Counsellors will be assisting students with the selection of their courses.

## **B.C.'s Curriculum Structure**

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### **Core Competencies**

The Core Competencies are the foundation of the B.C. curriculum. The Core Competencies are sets of intellectual, personal and social-emotional proficiencies that all students need to develop in order to engage in deep, life-long learning. Students develop Core Competencies when they are engaged in the “doing” – the Curricular Competencies – within a learning area. As such, they are an integral part of the curriculum. While they manifest themselves uniquely in each area of learning, the Core Competencies are often interconnected and are foundational to all learning. Through consultation with stakeholders across the province, three Core Competencies were identified:

1. **COMMUNICATION** - with two sub-competencies - **Communicating** and **Collaborating**
2. **THINKING** - with two sub-competencies - **Creative Thinking** and **Critical Thinking**
3. **PERSONAL & SOCIAL** - with three sub-competencies - **Personal Awareness and Responsibility, Positive Personal and Cultural Identity, and Social Awareness and Responsibility**

Core Competencies will be integrated throughout the curriculum of all classrooms. Students are expected to reflect upon the learning process and self-assess their development of the Core Competencies.

### **Concept-based, competency-driven curriculum**

British Columbia's curriculum brings together two features that most educators agree are essential for 21st-century learning: a concept-based approach to learning and a focus on the development of competencies, to foster deeper, more transferable learning. These approaches complement each other because of their common focus on active engagement of students. Deeper learning is better achieved through “doing” than through passive listening or reading. Similarly, both concept-based learning and the development of competencies engage students in authentic tasks that connect learning to the real world.

### **Flexible learning environments**

Learning can take place anywhere, not just in classrooms. Many schools and teachers create learning environments that explore the use of time and space in creative ways. The integration of areas of learning and technology also have opened the door for teachers and schools to approach the use of time and space in creative ways – ways that adapt to the students' needs and interests.

### **Curriculum Model**

Three elements, the Content (Know), Curricular Competencies (Do), and Big Ideas (Understand) all work together to support deeper learning. British Columbia's curriculum design enables a personalized, flexible and innovative approach at all levels of the education system. All areas of learning have been redesigned using this model.

#### **Content (Know)**

The Content learning standards — the “Know” of the Know-Do-Understand model of learning — detail the essential topics and knowledge at each grade level.

#### **Curricular Competencies (Do)**

The Curricular Competencies are the skills, strategies, and processes that students develop over time. They reflect the “Do” in the Know-Do-Understand model of learning. While Curricular Competencies are more subject-specific, they are connected to the Core Competencies.

### **Big Ideas (Understand)**

The Big Ideas consist of general principles and the key concepts important in an area of learning. They reflect the “Understand” component of the Know-Do-Understand model of learning. The big ideas represent what students will understand at the completion of the curriculum for their grade. They are intended to endure beyond a single grade and contribute to future understanding.

## **GRADUATION REQUIREMENTS**

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### **B.C. Certificate of Graduation (Dogwood Diploma)**

The B.C. Certificate of Graduation, or Dogwood Diploma, is awarded to students who successfully complete the provincial graduation requirements. To graduate, students require at least 80 credits total.

Of these 80 credits:

- 52 credits are required from the following:
  - Physical and Health Education 10 (4 credits).
  - Science 10 (4 credits), and a Science 11 or 12 (4 credits).
  - Social Studies 10 (4 credits), and a Social Studies 11 or 12 (4 credits).
  - A Math 10 (4 credits), and a Math 11 or 12 course (4 credits).
  - A Language Arts 10, 11, and a required 12 course (4 credits required at each grade, 12 credits total).
  - An Arts Education 10, 11, or 12 and/or an Applied Design, Skills, and Technologies 10, 11, or 12 (4 credits total).
  - Career-Life Education (4 credits), and Career-Life Connections (4 credits).
  - Indigenous-focused course work (4 credits).
- At least 28 credits must be elective course credits.
- At least 16 credits must be at the Grade 12 level, including a required Language Arts 12 course and the Career-Life Connections course.

In addition, students must also complete three Provincial Graduation Assessments:

- Grade 10 Graduation Literacy Assessment
- Grade 10 Graduation Numeracy Assessment
- Grade 12 Graduation Literacy Assessment

## French Immersion/Francophone Dual Dogwood

French Immersion students can earn both a British Columbia Certificate of Graduation (Dogwood Diploma) and a Diplôme de fin d'études secondaires en Colombie-Britannique.

To graduate with both diplomas, French Immersion students must meet the graduation requirements for the Dogwood Diploma and, of these 80 credits, they must earn:

- At least 16 credits at the Grade 12 level (including a Français langue seconde- immersion course at the Grade 12 level).
- Français langue seconde-immersion 10 (4 credits).
- A Français langue seconde-immersion course at the Grade 11 level (4 credits) or IB French A2 (SL) 11.
- Français langue seconde-immersion 12 (4 credits).
- At least 12 credits in Grade 10, 11, or 12 courses that are in French with at least 4 of these credits at the Grade 11 or 12 level.

In addition, French Immersion students must also complete four Provincial Graduation Assessments:

- Grade 10 Graduation Numeracy Assessment (English or French)
- Grade 10 Graduation Literacy Assessment
- Grade 12 Graduation Literacy Assessment
- Évaluation de littératie – Français langue seconde-immersion 12

Francophone students can earn both a British Columbia Certificate of Graduation (Dogwood Diploma) and a Diplôme de fin d'études secondaires en Colombie-Britannique.

## Graduation Assessments

The Provincial Graduation Assessment requirements for all students are as follows:

- Students must complete both the Graduation Numeracy Assessment and two Graduation Literacy Assessments as a requirement for graduation.
  - Students are expected to write the Graduation Numeracy Assessment.
  - Students are expected to write the Graduation Literacy 10 Assessment.
  - Students are also expected to write a Graduation 12 Literacy Assessment.
- There will be an opportunity for students to re-write the Provincial Graduation Assessments to improve their achievement level. Until graduation, students may write a Provincial Graduation Assessment up to three times: the original attempt and two re-writes.
- The best outcome for each of the Provincial Graduation Assessments will be recorded on the student's transcripts.

The assessments will be reported on the following scale:

<b>Provincial Graduation Assessments</b>			
<b>Emerging</b> The student demonstrates an initial understanding of the concepts and competencies relevant to the expected learning.	<b>Developing</b> The student demonstrates a partial understanding of the concepts and competencies relevant to the expected learning.	<b>Proficient</b> The student demonstrates a complete understanding of the concepts and competencies relevant to the expected learning.	<b>Extending</b> The student demonstrates a sophisticated understanding of the concepts and competencies relevant to the expected learning.

## COURSES BY GRADE

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### GRADE 8 COURSES

#### Grade 8 Program

##### Required Courses

- English 8
- Mathematics 8
- Science 8
- Social Studies 8
- Physical Education 8
- French 8
- Applied Skills Rotation 8 (Tech/Business, Business/Home Ec, Home Ec/Tech Ed)
- Career Education 8 (off timetable)

##### Elective Courses (choose any 1)

- Fine Arts Rotation 8 (Art/Drama, Drama/Music, Music/Art)
- Beginner Band 8
- Junior Band 8
- Beginner Choir 8
- Beginner Strings 8
- Junior Strings 8
- Intermediate Strings 8

#### Grade 8 FRENCH IMMERSION Program

##### Required Courses

- English 8
- Mathematics 8
- FI Sciences 8 (FSCF)
- FI Science Humaines 8 (FSCH)
- FI Art Dramatique 8 (FADRF)
- FI Français langue seconde-immersion 8 (FRAL)
- Physical Education 8
- Career Education 8 (off timetable)

##### Elective Courses (choose any 1)

- Applied Skills Rotation 8 (Tech/Business, Business/Home Ec, Home Ec/Tech Ed)
- Fine Arts Rotation 8 (Art/Drama, Drama/Music, Music/Art)
- Beginner Band 8
- Junior Band 8
- Beginner Choir 8
- Beginner Strings 8
- Junior Strings 8
- Intermediate Strings 8

**Synergy Program students have specific courses into which they will be scheduled**

## GRADE 9 COURSES

### Grade 9 Program

#### Required Courses

- English 9
- Mathematics 9
- Science 9
- Social Studies 9
- Physical Education – choose 1
  - PE 9 or
  - PE 9 Leadership
- French 9 (if taking)
- Career Education 9 (off timetable)

### Grade 9 FRENCH IMMERSION Program

#### Required Courses

- English 9
- Mathematics 9
- FI Sciences 9 (FSCF)
- FI Science Humaines 9 (FSCH)
- FI Art Dramatique 9 (FADRF)
- FI Français langue seconde-immersion 9 (FRAL)
- Physical Education – choose 1
  - PE 9 or
  - PE 9 Leadership
- Career Education 9 (off timetable)

### Elective Courses (CHOOSE 2, or 3 if not taking French) (French Immersion Students CHOOSE 1)

- Beginner Band 9
- Junior Band 9
- Intermediate Band 9
- Senior Band 9
- Concert Choir 9
- Beginner Strings 9
- Junior Strings 9
- Intermediate Strings 9
- Senior Strings 9
- Beginner Guitar 9
- Intermediate Guitar 9
- Senior Guitar 9
- Drama 9
- Dance 9
- Film 9
- Annual Production (Yearbook) 10 (open to Grade 9 students)
- Art Studio (Visual Arts) 9
- Entrepreneurship & Marketing 9
- Foods Studies 9
- Textiles 9
- Tech Ed General Explorations 9
- Media Design 10 (open to Grade 9 students)
- Electronics & Robotics 9
- Metalwork 9
- Jewelry 9
- Woodwork 9

**Synergy Program students have specific courses into which they will be scheduled**



## GRADE 10 COURSES

### Grade 10 Program

#### Required Courses

- English 10 – choose 1
  - Composition 10 with Verbal Expressions
  - Composition 10 with Debate & Public Speaking
  - Composition 10 with Fictional Studies
  - Composition 10 with Graphic Novels
- Mathematics – choose 1
  - Foundations and Pre-Calculus Mathematics 10 or
  - Workplace Mathematics 10
- Science 10
- Social Studies 10
- Physical Education – choose 1
  - PE 10 or
  - PE 10 Leadership
- French 10 (if taking)

### Grade 10 FRENCH IMMERSION Program

#### Required Courses

- English 10 – choose 1
  - Composition 10 with Verbal Expressions
  - Composition 10 with Debate & Public Speaking
  - Composition 10 with Fictional Studies
  - Composition 10 with Graphic Novels
- Mathematics – choose 1
  - Foundations and Pre-Calculus Mathematics 10 or
  - Workplace Mathematics 10
- FI Sciences 10 (FSCF)
- FI Science Humaines 10 (FSCH)
- FI Art Dramatique 10 (FADRF)
- FI Français langue seconde-immersion 10 (FRAL)
- Physical Education – choose 1
  - PE 10 or
  - PE 10 Leadership

**Prelude Program students have specific courses into which they will be scheduled.**

## **GRADE 11 COURSES**

### **Grade 11 Program**

#### **Required Courses**

- English 11 – choose 1
  - Creative Writing
  - New Media - Journalism, Podcasting, and Audio Storytelling 11
  - New Media – Literature and Film Studies
  - Literary Studies – Psychology of Self
  
- Mathematics – choose 1
  - Precalculus 11
  - Foundations of Mathematics 11
  - Workplace Mathematics 11
  - History of Mathematics 11
  
- Consider taking a Science 11 course
  
- Consider taking a Social Studies 11 course
  
- Consider continuing a study of a modern language
  
- Career Education – choose BOTH
  - Career Life Education (CLE)
  - Career Life Connections A (CLCA)

### **Grade 11 FRENCH IMMERSION Program**

#### **Required Courses**

- English 11 – choose 1
  - Creative Writing
  - New Media - Journalism, Podcasting, and Audio Storytelling 11
  - New Media – Literature and Film Studies
  - Literary Studies – Psychology of Self
  
- Mathematics – choose 1
  - Precalculus 11
  - Foundations of Mathematics 11
  - Workplace Mathematics 11
  - History of Mathematics 11
  
- FI Langue et culture de la Francophonie 11 (FLCF)
  
- FI Explorations Science Humaines et Soc 11 (FEPSS)
  
- Consider taking a Science 11 course
  
- Career Education – choose BOTH
  - Career Life Education (CLE)
  - Career Life Connections A (CLCA)

## **GRADE 12 COURSES**

### **Grade 12 Program**

#### **Required Courses**

- English Studies 12
- Career Life Connections – Capstone
- Peer Tutoring (optional)
- Other graduation requirements

### **Grade 12 FRENCH IMMERSION Program**

#### **Required Courses**

- English Studies 12
- FI Français langue seconde-immersion 12 (FRAL)
- Career Life Connections - Capstone
- Peer Tutoring (optional)
- Other graduation requirements

## GRADE 10-12 COURSE ELECTIVES

<b>APPLIED SKILLS</b>	<b>FINE ARTS</b>	<b>MODERN LANGUAGES</b>
<b>-BUSINESS EDUCATION</b>	<b>-PERFORMING ARTS – MUSIC</b>	French 10, 11, 12
Entrepreneurship & Marketing 10	Beginner Band 10, 11, 12	Introductory Spanish 11
Accounting 11	Intermediate Band 10, 11, 12	Spanish 11, 12
Marketing & Promotion 11	Senior Concert Band 10, 11, 12	Introductory Japanese 11
Economics 12	Senior Jazz Band 10, 11, 12	Japanese 11, 12
Entrepreneurship 12	Choir 10, 11, 12	
Financial Accounting 12	Senior Choir 10, 11, 12 (OFF TT)	<b>PHYSICAL EDUCATION</b>
	Beginner Strings 10, 11, 12	Active Living 11, 12
<b>-HOME ECONOMICS</b>	Intermediate Strings 10, 11, 12	Basketball 11, 12
Food Studies 10, 11, 12	Senior Strings 10, 11, 12	Basketball 11, 12 (OFF TT)
Textiles 10, 11, 12	Beginner Guitar 10, 11, 12	Fitness & Conditioning 11, 12
Fashion Design 12B	Intermediate Guitar 10, 11, 12	Volleyball 11, 12 (OFF TT)
Interior Design 11	Senior Guitar 10, 11, 12	
Psychology 11		<b>TECH EDUCATION</b>
Psychology 12	<b>-PERFORMING ARTS – THEATRE</b>	Annual (Yearbook) 10, 11, 12
	Drama 10, 11, 12	Construction 11, 12
<b>ENGLISH (additional courses can be taken as electives)</b>	Directing & Scriptwriting 11, 12	Media Design 10, 11, 12
Debate 10	Film 10	Webpage Design 11, 12
Creative Writing 11	Theatre Company 10, 11, 12	Tech Explorations (Engineering 10)
New Media 11	Visual Arts – Film/TV 11, 12	Metalwork 10, 11, 12
Literary Studies 11		Jewelry 10, 11, 12
Literary Studies 12	<b>-VISUAL ARTS</b>	Electronics 10, 11, 12
	Graphic Arts 11, 12	Engineering 11, 12
<b>MATHEMATICS</b>	Photography 10, 11, 12	Woodwork 10, 11, 12
History of Math 11	Studio Arts – Sculpture/Ceramics 10, 11, 12	Drafting 10, 11, 12
Calculus 12	Studio Arts – Drawing & Painting 10, 11, 12	
Foundations of Math 12		<b>OTHER</b>
Precalculus 12		Community Service 11
Statistics 12		Peer Tutoring 12
	<b>-DANCE</b>	Work Experience 11, 12
<b>COMPUTER SCIENCE</b>	Dance Foundations 10, 11, 12	
Computer Science 11	Dance Technique & Performance 10, 11, 12	
Computer Science 12	Dance Choreography 11, 12	
	Dance Company 11, 12 (OFF TT)	
<b>Additional Senior Science &amp; Social Studies courses can be taken as electives</b>		

## **COUNSELLING DEPARTMENT**

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**Department Head: Mr. Michael Lattimer**

### **COMMUNITY SERVICE 11 Course Code: YCPM-1D, YCPM-1DCR2**

*Open to students in Grades 11 or 12. Enrollment is at the discretion of the Grade Counsellor/Administrator.*

Students provide service to specific members of Churchill teaching or office staff. Filing, typing, answering phones, acting as guides to new students, handling the circulation of materials in the library are some of the many functions performed by over 100 community service students. Community Service is either 2-credit or 4-credit course. Interested students are encouraged to make their own contacts with teaching staff who decide if the student is suitable for the service setting. Grades are given each term.

The Counselling Department, the office and the library all use many community service students.

## **LEARNING SERVICES SUPPORT DEPARTMENT**

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**Department Head: Ms. Kamey Munsamy**

### **PEER TUTORING 12 Course Code: YIPS-2B, YIPS-2A**

Peer tutoring is either a 2-credit or 4-credit course offered at either the Grade 11 or 12 level. Through active participation and under the guidance of a classroom, or learning support teacher, peer tutors help support various types of learners with their academics with organization, studying, proofreading, problem solving etc. Peer Tutors will examine various theories and approaches to learning and best practice. This course is intended for students who have specific academic strengths and a desire to engage students in their learning.

## BUSINESS EDUCATION

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**Department Head: Ms. Dawn Kelly**

To meet the needs of every student, the Business Education Program is designed for continuous progress through exploration and use of the community and its resources. Students leave school with the skills necessary for future success in their personal and professional lives.

In the past, the Business Education Program has emphasized employment skills. Now, the focus is on career awareness, technology, and new options open in present and future employment. These include special training in selected career areas like entrepreneurship, marketing and accounting.

This Department's program provides:

1. Personal life skills, employment skills and post-secondary preparation.
2. Practical application of concepts and processes learned in other disciplines.
3. Application of current business technologies and opportunities to explore related careers.
4. Interaction between the school and the workplace.
5. An awareness of the effect of technological, economic and cultural changes on our values, social structure and employment opportunities.
6. An awareness of individual responsibilities as citizens of a global economy.

### **ENTREPRENEURSHIP & MARKETING 9 Course Code: MADEM09**

Students will learn how the business world operates and the importance of businesses in the Canadian economy. Topics covered include the fundamentals of business: economic bases, business types, stock markets, and business ethics. Entrepreneurship including social entrepreneurship in First Nations communities will be explored via a semester-long re-branding project. The project will cover researching, marketing, designing, and innovating by creating advertisements, logos, mission statements, and business goals. Students may use Microsoft 365 software or any on-line web tools, apps or sites. A significant amount of class time will be dedicated to the re-branding project. This project is open ended, so bring all your ideas and creativity and build a brand that you can be proud of. In the past students have re-branded major corporations such as Pepsi or Burger King. Some famous re-brandings may be viewed at <https://sway.office.com/jiRZXCXJX8koBv1h?ref=Link>.

### **ENTREPRENEURSHIP & MARKETING 10 Course Code: MADEM10**

Students via an independent semester-long group project will create a digital mock business. Materials and supplemental assignments provided by the teacher will guide the students. The project will cover researching, marketing, designing, and innovating by creating advertisements, floor plans, business cards, logos, budgets, etcetera via Microsoft 365 software or any on-line web tools, apps or sites available. A significant amount of class time will be dedicated to the digital mock business project. Historically, students have created retail products and services such as nail salons, food trucks, cafes, and shoe stores. This class is a chance to explore the role and nature of being a small business owner, an entrepreneur, who will make all the creative and budgeting decisions. This project is open ended, so bring all your ideas and creativity and build a business that you can be proud of. Some sample student projects may be viewed at <https://sway.office.com/eBXBb6hhleQaPeFs?ref=Link>. No prerequisites required.

**ACCOUNTING 11 Course Code: MAC--11**

*Accounting 11* is an introductory course centered on the fundamentals of accounting, providing students with an in-depth look into journals, ledgers, trial balances, worksheets, income statements, balance sheets and awareness of First People's culture. *Accounting 11* students will gain valuable business skills and obtain vital computer experience by working with Excel and Simply Accounting Software. Students will also participate in a number of activities, including virtual stock market simulations and Monopoly with accounting applications. *Accounting 11* is an essential course for learning the fundamental skills needed for any post-secondary business program.

**MARKETING AND PROMOTION 11 Course Code: MMAP-11**

This is an introductory, project driven course centered on the fundamentals of marketing. The many topics covered by this course include the 4Ps, target markets, product life cycles, the role of advertising, ad design, the AIDA model, awareness of First People's culture, marketing strategies, and international marketing. Marketing 11 students will be able to develop important business skills by conducting practical market research and presenting a user-centered marketing proposal to the class. Additionally, students will be provided with the unique and invaluable opportunity to work and run the school store, gaining hands-on experience in a professional retail environment. This ultimately leads to the development of desirable personal attributes and skills applicable to any career.

**ECONOMICS 12 Course Code: MEC--12**

If you are planning to study Economics or Commerce in college or university, then this is the course for you! If you see yourself as a future businessperson, the study of economics can offer some general insights that will be helpful. In this course, students will examine how a modern mixed economy operates and what things are important within one. The curriculum includes: an analysis of economic activity in society, on a national level, and on a global level; perspectives on government and social policies; and an awareness of First People's culture. In short, the study of economics will help you better understand how the world functions as we connect theory with reality. Throughout the course, there will be many opportunities for students to practice multiple facets of the core competencies related to communication, critical thinking, and creative thinking.

**ENTREPRENEURSHIP 12 Course Code: MENT-12**

Entrepreneurship & Marketing 12 provides students an opportunity to formulate, test, and execute real business ideas and evaluate their impact on society. If you have the qualities associated with an entrepreneur and want to make a difference to the community, then this course is for you. In addition to developing your business idea, you will learn about successful entrepreneurs, construct a solid business plan, and develop an awareness of First People's culture. Throughout the course, there will be many opportunities for students to practice multiple facets of the core competencies related to communication, critical thinking, and creative thinking.

**FINANCIAL ACCOUNTING 12 Course Code: MFA—12**

**Recommended Prerequisite: Accounting 11**

*Financial Accounting 12* is an application-based course that provides students with an in-depth look into the fundamental accounting principles. In this course, students will learn about inventory control, cash control systems, statement of cash flows, detailed ledger accounts, and awareness of First People's culture. Students will also be able to develop analytical decision-making skills by participating in virtual stock market simulations and Monopoly with journals. *Financial Accounting 12* is extremely beneficial to students who seek a post-secondary education in courses such as finance and business management, as this course gives them a unique opportunity to solve problems using Microsoft Excel and Simply Accounting Software.

## CAREER EDUCATION

Department Head: Ms. Dawn Kelly

**Career Education is a main component of BC's new curriculum. Career Education is implemented in all five grades (Grade 8-12) in both off-timetable and on-timetable formats.**

All students are required to have 8 credits of Career Education in order to fulfill graduation requirements.

The two courses that are students are required to take are:

- Career Life Education (CLE) & Career Life Connections are offered together for 6 credits as a SUPERCOURSE in Grade 11.
- Capstone – offered in Grade 12

### **Career Life Education (4 Credits)/Career Life Connections Part A (2 credits) Course Code: MCLE-10/MCLCA12**

Career-life choices are made in a recurring cycle of planning, reflecting, adapting, and deciding.

Career-life decisions are influenced by internal and external factors, including local and global trends.

Engaging in networks and reciprocal relationships can guide and broaden career-life awareness and options. A sense of purpose and career-life balance support well-being.

Lifelong learning and active citizenship foster career life opportunities for people and communities.

### **Career Life Connections Capstone Project (2 credits) Course Code: MCLCB12**

A capstone project, also known as a culminating project or experience, or senior exhibition, among other terms, is a project that allows students to demonstrate their learning using an area(s) of interest as the basis for the project. Ideally, this would be in an area that they are passionate about and anticipate they will be pursuing after graduation. In Career Life Connections, students will design, assemble, and present a capstone project to an audience to demonstrate personal learning and achievement (in and out-of-school), growth in the core competencies, and a reflection on the post-graduation plan.

Capstone projects include components such as the following:

Proposal	The proposal outlines the project and includes disciplinary and core competency connections, timelines, and product.
Mentor	The mentor is ideally a shared role that includes teachers and/or community members that provide guidance throughout the culminating project.
Research	The research is an essential component that informs each student's culminating project.
Product	The product is the end result of the project (eg, video, document, performance, something constructed).
Information	The presentation can have a variety of forms and happens with an audience composed of teachers, community members and/or others connected to the student and/or their culminating project.



### **Career Education at Churchill Secondary**

- Grade 8                    **Career Education 8 (4 credits)** – Off-timetable. Course attached to grade counsellor. Concepts and material covered through independent work on MyBlueprint, assemblies, classroom visits, flex time.
- Grade 9                    **Career Education 9 (4 credits)** – Off-timetable. Course attached to grade counsellor. Concepts and material covered through independent work on MyBlueprint, assemblies, classroom visits, flex time.
- Grade 10                    Independent, off-timetable work on career education, which will be stored in MyBlueprint for use in the Grade 11 CLE course. Concepts and material covered through independent work on MyBlueprint, assemblies, classroom visits, flex time.
- Grade 11                    **Career-Life Education (4 credits)/Career-Life Connections (2 credits) Super Course** – This course will run in the 2024/2025 school year. This is a combination course of Career-Life Education in the first part of the year and then will focus on the key concepts of Career-Life Connections offers the students all 6 credits in Grade 11.
- Grade 12                    **CLC Capstone (2 credit)** – Students would be scheduled into half-year 2 credit CLC Capstone courses to complete their Capstone Project. Teachers could use this time to conference with individual students on their projects. Teachers would be responsible for mentoring and assessing projects and inputting marks, just as in all classes. Ideally, we would find teachers from a variety of disciplines to take these classes (humanities, math/science, fine arts, applied skills, IB, French Immersion)

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## **COMPUTER SCIENCE**

**Department Head: Ms. Rebecca Tang**

### **COMPUTER SCIENCE 11 Course Code: MMACS11**

An academic course in introductory Computer Science using popular languages (Python, Java). No prerequisite required. Topics that will be covered are: introduction to programming and logical thinking, programming methodology, programming structures, graphics, user interface and algorithms. We will explore the fundamentals of Computer Science by creating computer programs that either entertain or solve analytic problems. By the end of this course, students will be able to create their own software. Many students find this to be a challenging yet interesting and fun course. Students who intend to go into Science, Engineering, Commerce or Mathematics will have a definite advantage by taking this course in high school.

### **COMPUTER SCIENCE 12 Course Code: MMACS12**

This is an advanced course in Computer Science designed for students who have successfully completed Computer Science 11. Some prior programming experience is highly recommended. Using industry standard languages (Python, Java and/or C++), students will create their own programs that explore more advanced topics in Computer Science such as: data structures, algorithms, object-oriented programming that make use of inheritance and class structures. Some assignments will also include higher level Math and other advanced algorithms. Students' individual skills and imagination will be utilized in a major development project at the end of the course. This course is designed to give students who will be taking programming at university a head start.

## ENGLISH

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**Department Head: Mr. Corey Sale**

English (Language Arts) is required in Grades 8 through 12 for high school graduation. The work in each year's English course builds upon the concepts that have been acquired in previous years. Emphasis is placed on a student's ability to communicate effectively in speaking and in writing.

The Provincial Core Competencies that facilitate development of English Language Arts are:

**Communication** -The communication competency encompasses the set of abilities that students use to impart and exchange information, experiences and ideas, to explore the world around them, and to understand and effectively engage in the use of digital media.

**Thinking** - The thinking competency encompasses the knowledge, skills and processes we associate with intellectual development. It is through their competency as thinkers that students take subject-specific concepts and content and transform them into a new understanding. Thinking competence includes specific thinking skills as well as habits of mind, and metacognitive awareness.

**Personal and Social** - Personal and social competency is the set of abilities that relate to students' identity in the world, both as individuals and as members of their community and society. Personal and social competency encompasses the abilities students need to thrive as individuals, to understand and care about themselves and others, and to find and achieve their purposes in the world.

### **ENGLISH 9 Course Code: MEN--09**

This course continues the formal study of literature in prose fiction, non-fiction, comics, poetry, and plays. A focus on writing, with an intensive approach to composition, provides students with an abundance of writing experience and teaches them the essential skills of revising, editing and reflection. Students will develop confidence in their written expression. Grammar and usage are taught in the context of student writing.

**In GRADE 10**, students are expected to choose course combinations according to their interests. These combinations are made up of **two two-credit courses** needed to fulfil provincial graduation requirements. Each combination will focus on developing a student's reading, writing, speaking, listening, viewing, and representing skills.

Each combination will include **Composition 10** and a choice of **one** additional focus listed below:

Literary Studies 10 (Fictional Studies)  
Literary Studies 10 (Graphic Novels)  
Spoken Language 10 (Debate and Public Speaking)  
Spoken Language 10 (Verbal Expression)

### **COMPOSITION 10 (2 credits) Course Code: MCMPS10**

Composition 10 is designed for students who have an interest in developing their skills in written communication in a variety of contexts. Within a supportive community of writers, students will work individually and collaboratively to explore and create coherent, purposeful compositions. They will develop their craft through processes of drafting, reflecting, and revising to build a body of work that demonstrates breadth, depth, and evidence of writing for a range of situations.

Composition 10 will consist of the following:

- planning, drafting, and editing processes,
- writing for specific audiences and specific disciplines, and
- citing sources, considering the credibility of evidence, and evaluating the quality and reliability of the source.

Writing will fall under (but is not limited to) three main types:

- narrative, descriptive, and persuasive

### **LITERARY STUDIES 10 (2 credits)**

Literary Studies is a category of courses designed for students who are interested in the literature of a particular form, genre or medium. This range of literary content will allow them to:

- increase their literacy skills through close reading of appropriately challenging texts,
- enhance their development of the English Language Arts curricular competencies,
- expand their development as educated global citizens,
- develop balance and broaden their understanding of themselves and the world, and
- develop higher-level thinking and learning skills

**The following will be offered as Literary Studies 10 options in 2025/2026:**

- Fictional Studies 10 Course Code: MLTST10SC4
- Graphic Novels 10 Course Code: MLTST10SC3

#### Fictional Studies 10

This class is designed for students who are interested in stories and storytelling. Activities and projects build writing skills and create spaces for students to deepen their understandings of themselves and the world(s) they inhabit. Throughout the course, students are given choices that allow opportunities for exploring their passions and interests while demonstrating learning objectives.

#### Graphic Novels 10

This class is designed for students wishing to explore stories in visual form. Students will explore the business, history, format, and philosophy of the comic medium. Focus will be placed on literary analysis of both fiction and non-fiction in a variety of manner. Students may be asked to create graphic novel content.

### **SPOKEN LANGUAGE 10 (2 credits)**

Spoken Language 10 provides opportunities for students individually and collaboratively to study, create, and use language to produce original pieces in a variety of modes. The course will provide students with opportunities for performance and/or public speaking.

**The following will be offered as Spoken Language 10 options in 2025/2026:**

- Debate and Public Speaking 10 Course Code: MSPLG10SC1
- Verbal Expressions 10 Course Code: MSPLG10

#### Debate and Public Speaking

The following are possible areas of focus in Debate and Public Speaking 10:

- Develop students' public speaking skills, argumentative skills, research skills and general communication skills.
- Various vocal and speaking exercises designed to develop the students' ability to communicate effectively in front of a group.

- Develop the students' research abilities by requiring in-depth analysis of a topic and the research skills required to investigate any given issue.

### Verbal Expressions

The following are possible areas of focus in Verbal Expression 10:

- Performance – suggested content/topics include spoken word/slam poetry, poetry recitation, oral storytelling, readers' theatre.
- Oral tradition – suggested content/topics include oratory, knowledge sharing, oral history.
- Professional applications – suggested content/topics include speech writing/presenting, proposals, interviewing, event facilitation.

In grade 11, students are expected to choose one four-credit course to fulfil provincial graduation requirements. Additional courses may be taken as electives.

### **CREATIVE WRITING 11 (4 credits) Course Code: MCTWR11**

Creative Writing 11 is designed for students who wish to refine their writing skills through self-expression for various creative purposes. This course provides students with in-depth opportunities to explore personal and cultural identities, memories, and stories in a wide range of genres. Students will collaborate and strengthen their skills through writing and design processes. Possible areas of focus include short fiction, poetry, creative non-fiction, and memoir.

### **LITERARY STUDIES 11 (4 credits)**

Literary Studies is a category of courses designed for students who are interested in the literature of a particular form, genre, medium, or topic. The goals of the course are similar to Literary Studies 10, with the depth of study increasing with the maturity of the reader.

**Offered as a Lit Studies 11 option in 2025/2026:** Psychology of the Self 11 Course Code: MLTST11SC2

#### Psychology of the Self

Traditional literature comprehension and analysis is further explored through the lens of psychology and philosophical belief. The course is designed to answer the question of "why?" around characters' actions and author's motivations.

### **NEW MEDIA 11 (4 credits)**

New Media 11 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. Coursework is aimed at providing students with a set of skills vital for success in an increasingly complex digital world. Possible areas of focus include media and film studies, journalism and publishing, and digital communication including podcasting.

**Offered as a New Media 11 option in 2025/2026:**

- Journalism, Podcasting, and Audio Storytelling 11 Course Code: MNMD-11
- Film, Media and Literature Studies 11 Course Code: MNMD-11SC1

#### Journalism, Podcasting, and Audio Storytelling 11

This class explores the changing role of technology and the increasing importance of digital media in communicating and exchanging ideas. Activities and projects are designed to build practical knowledge as well as problem solving skills, offer a showcase for creativity, and provide the necessary knowledge to run a professional podcast. Coursework includes producing and publishing content using the school's recording studio and provides practice with lead-writing, media ethics, interviews, recording and editing, social media, and more.

### Film, Media and Literature 11

Students will explore the advancement of storytelling techniques through modern and classical film and literature (novels, plays, short stories, and poetry). Thematic units will equip students with critical analysis skills to navigate modern media and deepen their understanding of various storytelling techniques in their world. Literature and Film Studies 11 students will be asked to respond to film and literature through oral discussion, critical analysis writing, and journal reflection. Projects will encompass creative thematic elements and require students to explore storytelling technique with a critical eye.

In grade 12, students are expected to choose between **English Studies 12** and **English First Peoples 12** to fulfil provincial ELA 12 graduation requirements. Additional courses may be taken as electives.

### **ENGLISH STUDIES 12 (4 credits) Course Code: MENST12**

ELA 12 builds on and extends students' previous learning experiences in ELA 10 and 11 courses. It is designed for all students and provides them with opportunities to:

- refine their ability to communicate effectively in a variety of contexts and to achieve their personal and career goals.
- think critically and creatively about the uses of language
- explore texts from a variety of sources, in multiple modes, and that reflect diverse worldviews
- deepen their understanding of themselves and others in a changing world
- gain insight into the diverse factors that shape identity
- appreciate the importance of self-representation through text
- contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples
- expand their understanding of what it means to be educated Canadian and global citizens

### **ENGLISH FIRST PEOPLES 12 (4 credits) Course Code: MENFP12**

EFP 12 provides opportunity for all students to learn about and engage with Indigenous creative expression, and the cultures of First Peoples locally, provincially, nationally, and internationally. This course:

- requires students to demonstrate understanding of sophisticated texts of recognized literary merit and complete challenging assignments to rigorous academic standards.
- is based entirely on the study of text representing authentic first people's voices. Texts refers to oral, audio, visual, cinematic, and digital media works as well as written works.
- incorporates First People's Principles of Learning.
- places increased emphasis on the study in command of oral language and on first people's oral traditions.
- recognizes the value of first people's worldviews, and the importance of culture in language and communication.

### **[ELECTIVE] NEW MEDIA 12 (4 credits) Course Code: MNMD12**

New Media 12: Film Studies is an English elective designed to help students strengthen their language arts skills through the in-depth analysis of film as a multifaceted text. This course blends the study of cinematic works with the fundamental principles of English literature, focusing on reading, writing, speaking, and critical thinking. Students will delve into narrative structures, themes, character development, and stylistic elements across a wide range of films, making connections to traditional literary concepts. By exploring films from various genres and cultural backgrounds, students will gain a deeper appreciation for storytelling and enhance their ability to interpret and critique media. While this course builds on concepts from New Media 11: Film and Literature, it is open to all students, regardless of prior experience.

## **ENGLISH LANGUAGE LEARNERS**

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**Department Head: Ms. Pamela Fleming**

ELL students are individually assessed upon arrival at the Newcomer Welcome Centre to best determine their course and level placement. Churchill's ELL program is divided into language ability levels. Churchill also offers a Transitional program to assist students who are almost ready for the regular program, and English Language Centre / English Language Development / Academic Strategies courses to assist students newly enrolled in regular English courses.

The ELL program consists of adapted courses in English, Social Studies and Science at three different levels for both junior and senior students. Math, P.E. and electives are regular courses. Language courses such as French, Spanish and Japanese are usually delayed until students have left the ELL program.

ELL Levels 1-3 students study English, Social Studies, and Science, with a variety of ELL teachers. Teachers use a language-in-content approach where the skills of reading, writing, listening and speaking are taught/developed while supporting the students' learning in the different subject areas. ELL teachers use a variety of resources, writing and communication activities to assist students acquire English language skills.

Students are integrated into Transitional English, Transitional Social Studies, and mainstream courses as soon as they are ready to manage the linguistic demands of the curriculum. Assessment is ongoing, and promotion into Transitional or age/grade appropriate courses is determined by the criteria from the BC Ministry ELL Standards.

### **THE TRANSITIONAL PROGRAM**

The Transitional Program at Churchill is a bridge between the ELL program and the regular English and Socials courses. Transitional classes combine the intensive study of English and Socials with regular curriculum content. Credit for English and Social Studies is granted upon successful completion of transitional classes. Each Transitional English class consists of two blocks rather than the single block of regular English spanning both semesters. Students receive the appropriate regular English (8, 9 or 10) credit upon successful completion of the course. Transitional 10 students receive an additional credit for the English 10 support class (Academic Strategies 10). All transitional courses follow the BC Ministry curricula which allow for an easier transition into the regular program.

### **ENGLISH LANGUAGE CENTRE**

The English Language Centre course is for Grades 8-9 ELL Learners who have moved out of the Transitional Program and into regular English. This course helps students who still require some assistance in reading comprehension, vocabulary expansion, and composition writing. The teacher designs the program to best support each student in this advanced English language support class.

### **ENGLISH LANGUAGE DEVELOPMENT 10 / ACADEMIC STRATEGIES 11**

English Language Development 10 and Academic Strategies is for Grades 10-12 ELL Learners who have moved out of the Transitional Program and into regular English. This course helps students who still require some assistance in reading comprehension, vocabulary expansion, and composition writing. The teacher designs the program to best support each student in this advanced English language support class. In grade 10 (English Language Development 10) and grades 11 & 12 (Academic Writing Strategies 11) students are credited for the course.

## **FINE ARTS**

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**Department Head: Mr. Alan Pronger**

### **PERFORMING ARTS - MUSIC** **Band, Choir, Guitar & Strings**

The Music Department provides students with leadership and musicianship development in instrumental and vocal areas of study. Our ensembles have a proud performance history in our school, our community, and on tour. All music courses develop students' confidence and performance abilities. We share our music in concerts, festivals, and school events from November to June. Performances are a required aspect of music classes and are considered an integral part of evaluation. Additionally, the elected student Music Council organizes department events and productions, building students' collaborative administration skills and our music community.

#### **INSTRUMENTAL MUSIC 9,10,11,12 Beginner Band**

**Music 9: Beginner Band Course Code: MMU--09BA1**

**Instrumental Music: Concert Band 10 (Beginner) Course Code: MMUCB10--1**

**Instrumental Music 11: Concert Band (Beginner) Course Code: MIMCB11--1**

**Instrumental Music 12: Concert Band (Beginner) Course Code: MIMCB12--1**

If you have ever wanted to learn to play a band instrument, this course is for you! No experience is needed for this introductory band course. Basics of playing and musicianship will be covered. Students do not need any previous musical experience in order to join this class. Students will be involved in choosing which instrument they will play through the year. These instruments include: Flute, French Horn, Trumpet, Trombone, Clarinet, Baritone, Bass Clarinet, Tuba, Alto Saxophone, Tenor Saxophone and Percussion. This course should lead to either Junior Band or Intermediate Band, depending on ability at the end of Beginner Band. (\*Band instruments do not include Guitar or Piano)

#### **INSTRUMENTAL MUSIC 9 Junior Band**

**Music 9: Junior Band Course Code: MMU--09BA2**

If you have previously taken band, but need a little more reinforcement before Intermediate band, then this course is for you. This course will build on the foundational musical skill developed in elementary school or Beginner Band. You need to be able to read music on your given instrument at the beginning of this class. Students will most likely continue to play the instrument they played previously, although there is a possibility of switching. This is not an introductory band course, and previous experience is necessary. This course should lead to either Intermediate Band or Senior Band, depending on ability at the end of the year.

#### **INSTRUMENTAL MUSIC 9,10,11,12 Intermediate Band**

**Music 9: Intermediate Band Course Code: MMU--09BA3**

**Instrumental Music: Concert Band 10 (Intermediate) Course Code: MMUCB10--3**

**Instrumental Music 11: Concert Band (Intermediate) Course Code: MIMCB11--3**

**Instrumental Music 12: Concert Band (Intermediate) Course Code: MIMCB12--3**

If you have taken band at high school previously, and you want to advance your ability further before moving onto Senior Band, this course is for you. This course will continue to extend your technical ability on your instrument, and expand on your musical knowledge of technique, theory and history. This course should lead you into Senior Concert Band. Don't let this be the end of your musical adventure!

**INSTRUMENTAL MUSIC 9,10,11,12 Senior Concert Band**

**Music 9: Senior Band Course Code: MMU--09BA4**

**Instrumental Music: Concert Band 10 (Senior) Course Code: MMUCB10--4**

**Instrumental Music 11: Concert Band (Senior) Course Code: MIMCB11--4**

**Instrumental Music 12: Concert Band (Senior) Course Code: MIMCB12--4**

Do you want to continue your Musical/Band adventure? Great! This class meets on the timetable, and a wide variety of music will be learned, with a continued emphasis on musical development. The symphonic band will play more music concerts and may be involved in a tour in the spring. More class time is spent working on repertoire as students gain more musical maturity. This is the premier Concert Band at the school, and musical leaders in the music program.

**CONTEMPORARY MUSIC 10,11,12 Senior Jazz Band (Off Timetable: M/W lunch, Th 3:15-4:30)**

*Must be concurrently enrolled in a LARGE ENSEMBLE (Strings, Band, Choir)*

**Instrumental Music: Jazz Band 10 Course Code: MMUJB10**

**Instrumental Music 11: Jazz Band Course Code: MIMJB11**

**Instrumental Music 12: Jazz Band Course Code: MIMJB12**

Students interested in playing jazz should sign up for the Jazz Band. Jazz band plays much more contemporary music, and promotes an energetic and enthusiastic atmosphere. The Senior Jazz band will be the busiest ensemble at the school playing at concerts, as well as special events like the Bulldog Classic, and other events around the school and district. A variety of music will be worked on, with a continued emphasis on musical skill development.

**CHORAL MUSIC 9, 10, 11, 12 Concert Choir**

**Music 9: Choir Course Code: MMU--09CC1**

**Choral Music: Concert Choir 10 Course Code: MMUCC10**

**Choral Music 11: Concert Choir Course Code: MCMCC11**

**Choral Music 12: Concert Choir Course Code: MCMCC12**

Do you love to sing? In Concert Choir you will build your voice, your confidence, and develop your performing ability. Growing your vocal skills includes learning healthy tone production, ear training, and part singing in all styles of song. You will gain strategies for music reading and experience in singing for the school and community.

**CHORAL MUSIC 10, 11, 12 Senior Choir (Off Timetable)**

**Choral Music: Concert Choir 10 Senior Off TT Course Code: MMUCC10OF4**

**Choral Music 11: Concert Choir Senior Off TT Course Code: MCMCC11OF4**

**Choral Music 12: Concert Choir Senior Off TT Course Code: MCMCC12OF4**

Take your singing skills farther with the Senior Choir! If you are ready to express your artistry through singing, this group is for you. You will build professional poise and confidence, refine four-part vocal and music reading skills in all styles and multiple languages. This choir performs for conferences, district festivals, as well as school and local events throughout the year.

**INSTRUMENTAL MUSIC 9,10,11,12 Beginner Strings**

**Music 9: Strings Beginner Course Code: MMU--09ST1**

**Instrumental Music: Orchestra 10 Beginner Course Code: MMUOR10--1**

**Instrumental Music: Orchestra 11 Beginner Course Code: MMUOR11--1**

**Instrumental Music: Orchestra 12 Beginner Course Code: MMUOR12--1**



Open to students in grade 8-11. No previous experience is needed for this introductory orchestra course. Basics of playing and musicianship will be covered. Students will choose one of the following instruments (rented or purchased at their own cost): violin, viola, cello, or bass.

**INSTRUMENTAL MUSIC 9 Junior Strings**

*Min. 1 to 2 years' experience*

**Music 9 Strings Junior Course Code: MMU--09ST2**

This is a performance-based course for students with previous elementary school or private lesson experience on a string instrument. Students will have to buy or rent their own instrument. Students who have played before but have stopped playing for one or two years may register but they must be able to read music, have reasonable proficiency on their string instrument of choice, and maintain a regular practice schedule. Concerts and other performance activities are a mandatory component of this course. Private lessons are highly recommended.

**INSTRUMENTAL MUSIC 9,10,11,12 Intermediate Strings**

**Music 9 Strings Intermediate Course Code: MMU--09ST3**

**Instrumental Music: Orchestra 10 Intermediate Course Code: MMUOR10--3**

**Instrumental Music: Orchestra 11 Intermediate Course Code: MMUOR11--3**

**Instrumental Music: Orchestra 12 Intermediate Course Code: MMUOR12--3**

*Min 2-3 years at the elementary school level or private lesson experience.*

This course is designed to prepare students for participation in the Senior Strings course. Students must be able and willing to work at their own pace for long periods of time. Technical musical studies in groups or individual are an important part of the course. Group work will increase as students progress. Home practice of 30 minutes a day is expected. Students are also expected to supply their own instrument.

**INSTRUMENTAL MUSIC 9,10,11,12 Senior Strings**

**Music 9 Strings Senior Course Code: MMU--09ST4**

**Instrumental Music: Orchestra 10 Senior Course Code: MMUOR10--4**

**Instrumental Music: Orchestra 11 Senior Course Code: MMUOR11--4**

**Instrumental Music: Orchestra 12 Senior Course Code: MMUOR12--4**

*Audition or by recommendation of the Strings Teacher. Completion of "Intermediate Strings" is highly suggested.*

The major focus of this course is in-depth work and performance of selected compositions. An integral part of this course is public concerts in the school and community. Practicing for these will take a large part of the course. These students will also work in small groups. Evaluation is based on self-evaluation of effort and progress, skill improvement, participation in concerts, and extra-curricular efforts. Cost: Students will be responsible for the care and repair of instruments whether owned by the student or loaned by the school.

**INSTRUMENTAL MUSIC 9, 10, 11, 12 Beginner Guitar**

**Music 9: Guitar Beginner Course Code: MMU--09GR1**

**Instrumental Music: Guitar 10 Beginner Course Code: MMUGT10--1**

**Instrumental Music: Guitar 11 Beginner Course Code: MIMG-11--1**

**Instrumental Music: Guitar 12 Beginner Course Code: MIMG-12--1**

No previous experience is required for this course. Guitar techniques covered will include chording, strumming, and first position and basic barre chord forms. You will develop music literacy in treble clef and tablature notation. You will learn to play blues, rock, classical, and pop styles of song, and explore basic improvisation and composition. This course will build your skills and confidence in performance through duo and solo song projects.

**INSTRUMENTAL MUSIC 9, 10, 11, 12 Intermediate Guitar**

**Music 9: Guitar Intermediate Course Code: MMU--09GR2**

**Instrumental Music: Guitar 10 Intermediate Course Code: MMUGT10**

**Instrumental Music: Guitar 11 Intermediate Course Code: MIMG-11**

**Instrumental Music: Guitar 12 Intermediate Course Code: MIMG-12**

*Previous Course: Beginning Guitar 10 or 1 year of guitar experience*

If you have more than a year of playing experience, Intermediate Guitar is for you. You will learn advanced first position chords, bar chords in A, E, D forms, extend fingerstyle & flatpick techniques and further develop tablature & notation reading. This course will build your confidence and experience in improvisation, composition, and performance in solo and small ensemble projects, school events, and at Music Department concerts. A variety of styles from rock, blues, folk, to classical are covered.

**INSTRUMENTAL MUSIC 9, 10, 11, 12 Senior Guitar**

**Music 9: Guitar Senior Course Code: MMU--09GR3**

**Instrumental Music: Guitar 10 Course Code: MMUGT10--3**

**Instrumental Music: Guitar 11 Senior Course Code: MIMG-11--3**

**Instrumental Music: Guitar 12 Senior Course Code: MIMG-12--3**

*Previous Course: Intermediate Guitar or 2-3 years of experience*

In this course students will study musical notations in 1st, 5th, and 7th position, tablature notation, advanced finger picking, barre chords in A, E, D, V7, Min 7 and Maj7 forms, and altered tunings. A wide variety of repertoire will be covered with an emphasis on solo & ensemble playing, composition and improvisation.

## **PERFORMING ARTS**

### **Theatre and Film Production**

Drama and Film Production has something for everyone, whether it is a student who loves playing drama games and being on stage or a student who wants to stay behind the camera to tell their story. Churchill's Drama and Film department aims to broaden student awareness of dramatic tradition and film history. We want students to develop visual literacy and an understanding of media as well. There will be a broad range of course work that cover technical skills as well as acting in drama from stage to modern film and media production.

Introductory classes are offered in the initial years with developmental Drama and Film courses. Creativity, confidence, collaboration, and communication are the main themes. At the senior level, more attention is given to the requirement of performance including practical production and audition skills. All levels of the drama program emphasize: teamwork, generosity in sharing ideas, focus and the audience response, basic mime skills, clarity of voice, imaginative development of storytelling ideas, sensitivity and clarity in scenes. Some of the following courses are production oriented with outcomes on display in the Theatre Churchill productions. All are designed to help the student appreciate the wide variety and many styles of dramatic art.

**DRAMA 9 Course Code: MDR--09**

The aims of this course are to develop imaginative abilities, a good speaking voice, control of the physical self, and the use and control of emotions. The focus is on the development of improvisational skills and the understanding of theatre

stories. The elements of story telling, setting the problem, raising the stakes and resolution are explored as they relate to improvisation and scene building and play structure.

Original screen writing will be studied. Visual language (film and TV) will be compared to the language of the stage. Mime skills will be reviewed. Improvisations, monologues and short scenes will be presented by the students.

### **FILM 9/10**

**Drama 9: Film Course Code: MDR—09SC1**

**Visual Arts 10: Media Arts 10 Film & TV Production Course Code: MVAM-10**

This is an introductory course in film and television. Students will produce their own short film subjects, as well as learn the basics of production work: writing, camerawork, directing, editing and sound. They will be introduced to technical equipment and begin to study media from the viewpoint of both the creator and the consumer. Students will learn film language and learn how to analyse their own and other media productions. This course is an excellent introduction for those students who later wish to take IB Film Studies 11/12.

### **DRAMA 10 Course Code: MDRM-10**

*An extension of Drama 9 and an introduction for new students*

Drama 10 further develops the speaking voice, the power and concentration cooperation in-group scenes and the use of the body on the stage in mime and other routines. Film and TV special effects will be examined with an aim to understand both mediums and the effect on the viewer. The students will begin working on the presentation of roles and characterizations through memorized scripted scenes. A special focus will be character work looking at the techniques of character development. Classes will study script analysis, with the aim of the development of character.

### **DRAMA 11 Course Code: MDRM-11**

Acting 11 introduces the students to the role of the actor on stage, extending and developing the understanding of story and the character development skills achieved in Drama 9 and 10. Character development and presentation will be the focus, developed through the use of role-play and the memorized scripted scenes. Technical elements: lighting, stagecraft, make-up and general theatre history will be introduced but all focus on the actor in stage production. Students should develop sufficient confidence over the year in order to participate in auditions for a role or to be involved in the creation of a full-scale production. The emphasis is on acting for the stage and those interested in stage technical skills, film and TV, or directing should look to other courses offered by the department.

### **DRAMA 12 Course Code: MDRM-12**

This course builds on character development and presentation techniques learned in Acting 11. Different acting styles and periods will be studied: History of Greek theatre, Comedia del Arte, Elizabethan theatre and more. Contemporary Canadian, American and British plays will be a focus. Play reports from current drama will be expected. Comedy, stand-up comedy, and comic scenes will be studied audition techniques explored. Presentations of monologues and scenes from world drama, classical theatre will be mounted. Film and stage techniques will be compared. (\*\*See also Film and TV Drama 11).

### **DIRECTING & SCRIPT DEVELOPMENT 11, 12 Course Code: MDRDS11/MDRDS12**

*Admission: Interview with Instructor*

This course involves study of story-telling structure in a workshop environment, learning a variety of types of narratives, simple scripts and monologues culminating in the writing of a one-act play. Each student will co-direct an original one-act play. One aim is understanding the co-operative role of writer and director in rehearsal and the central role of the director in interpretation of the script for production for audience.

**THEATRE COMPANY 10-12 Course Code: MDRTC10, MDRTC11, MDRTC 12**

Looking for an enriched theatre experience at Churchill? This off-timetable course will take students on the rewarding journey of being part of a main stage production, from the initial stages of learning the script and auditioning for roles, to the final thrill of performing. Collaborating alongside peers and instructors, this course will allow students to dive into the intense and immensely fulfilling experience of play production and performance. It is intended for those who have experience with drama, and those who do not. Students who are interested should note that since this course will run off- timetable (after regular school hours).

**VISUAL ARTS: FILM & TELEVISION 11 & 12**

**Visual Arts: Media Arts 11 Film & TV Production Course Code: MVAMT11**

**Visual Arts: Media Arts 12 Film & TV Production Course Code: MVAMT12**

This is an advanced course in film and television. Students will produce their own short films, as well as learn the basics of production work: writing, camerawork, directing, editing and sound. They will be building their film portfolio to submit to Universities. Students will learn film language and learn how to analyse their own and other media productions. This course is a suitable for students who would like to continue filmmaking but do not wish to take IB Film Studies 11/12.

**IB FILM STUDIES (STANDARD LEVEL/ HIGHER LEVEL) 11 & 12 (Two-Year Film Course)**

**IB Film Studies (HL/SL) 11 Course Code: IF --11**

**IB Film 12 Standard Level Course Code: IF --12**

**IB Film 12 Higher Level Course Code: IFH --12**

\*Students in the IB program can enroll in the diploma program. Non-IB students can enroll in the IB Film Certificate Program.\*

The IB film course aims to develop students as proficient interpreters and makers of film texts. Through the study and analysis of film texts, and through practical exercises in film production, the film course develops students' critical abilities and their appreciation of artistic, cultural, historical and global perspectives in film. Students examine film concepts, theories, practices and ideas from multiple perspectives, challenging their own viewpoints and biases in order to understand and value those of others. There are four final assessments in year 2 that determines your mark.

## **PERFORMING ARTS**

### **Dance**

Want to learn how to dance like your favourite Instagram, TikTok or K-Pop stars? Dance at Churchill will give you a the foundation in dance technique, history and choreography you need to 'wow' crowds of people with your dance moves. Gain important performance skills and 'break out' of your shell as you learn popular dance styles, including Hip-Hop dance, Street Jazz, Waacking, Locking, Popping, Jazz Funk, House, Litefeet, Contemporary and Broadway. Dance at Churchill is a great way to make friends, express yourself, take risks, stay fit and have fun!

**DANCE 9 & DANCE FOUNDATIONS 10 Course Codes: MDNC-09 & MDCF-10**

This is an introductory performing arts course to introduce students to the history and technique of different styles of dance. Students are given the opportunity to learn a wide variety of dance styles including: Hip Hop and Street styles, Jazz, Broadway, tap, contemporary, and cultural dances. Students will learn dances choreographed by the teacher and they will also learn how to create their own dance sequences. They will also have exciting opportunities to perform in several shows throughout the year.

**DANCE FOUNDATIONS 11, 12 Course Codes: MDCF-11 & MDCF-12**

Dance Foundations 11 and 12 will focus in-depth on Street and Popular dance styles, such as Hip-Hop dance, Waacking, Locking, Litefeet, Jazz Funk, Popping, House and Street Jazz. If time allows students will also learn other technical styles, such as contemporary, Broadway, tap and cultural dances. Students will learn dances choreographed by the teacher as well as learn how to create their own dance sequences and will have exciting opportunities to show off their dance skills at dance performances throughout the year. As this is an upper-level course, students should expect choreography and dance sequences at a faster, intermediate pace.

**DANCE TECHNIQUE AND PERFORMANCE 10 Course Code: MDNTP10**

Dance Technique and Performance will focus in-depth on developing proper dance technique and conditioning through the study of Ballet, Jazz and Contemporary Dance. Street and Popular dance styles will also be studied if time allows. Students will further gain flexibility, strength, co-ordination and conditioning. Students will learn dances choreographed by the teacher and they will also learn how to create their own dance sequences. They will have opportunities to perform in several shows throughout the year.

**DANCE TECHNIQUE AND PERFORMANCE 11, 12 Course Codes: MDNTP11 & MDNTP12**

Similar to Dance Technique and Performance 9-10, but taught at a faster, intermediate pace. Dance Technique and Performance will focus on developing proper dance technique through the study of Ballet, Jazz and Contemporary Dance (Street and Popular dance styles will only be studied if time permits). Students will further gain flexibility, strength, co-ordination and conditioning. Students will learn dances choreographed by the teacher and they will also learn how to create their own dance sequences. They will have opportunities to perform in several shows throughout the year.

**DANCE: CHOREOGRAPHY 11 Course Code: MDNC-11**

*Previous Course: Dance Foundations or Tech and Perf 10 or by audition*

Choreography 11 provides students with opportunities to create dance choreography for a variety of informal and formal settings. Students learn to explore, create, refine, and produce dance using the elements of movement to serve artistic intentions. By working through the creative process, students develop an understanding of these elements and how they combine to form the final product, a choreographed piece.

**DANCE: CHOREOGRAPHY 12 Course Code: MDNC-12**

*Previous Course: Dance Tech & Perf 11, Dance Foundations 11 or by audition*

Choreography 12 provides students with further opportunities to create dance choreography while drawing on all the learned movement elements and skills. This process requires a nurturing environment that encourages risk taking. Such an environment enables students to become comfortable moving back and forth through the creative process of exploring, selecting, combining, refining and reflecting. Students learn to discuss their own creative processes and those of others as they describe and respond to choreography.

**DANCE COMPANY 9-12**

*By audition or teacher permission only.*

Dance Company is an Off-Timetable course dedicated to the development of the Churchill Dance Teams. Students will learn dance technique and performance skills as they prepare to perform in a number of dance competitions around the lower mainland. Prior dance experience is needed and admission to the course requires audition and Dance teacher permission.

**IB DANCE 11 and 12 – Course Codes – IDSL-11/IDSL-12**

\*Students in the IB program can enroll in the diploma program. Non-IB students can enroll in the IB Dance Certificate Program.\*

IB Dance is for students to deepen their understanding and appreciation for Dance. Students in the IB program can enroll in the diploma program. Non-IB students can enroll in the IB Film Certificate Program. Students are required to show progress and achievement in performance, choreography and cross-cultural dance studies. Students are expected to push themselves creatively to explore more than one style, will be required to choreograph pieces for themselves and for other students, and will take leadership roles in performing well-rehearsed dances in public settings.

## **PHOTOGRAPHY**

**PHOTOGRAPHY 10 Course Code: MVAPH10**

Photography is a unique art form that captures images in a variety of contexts.

- Photography reflects the inner connectedness of the individual, community, history and society.
- Growth as a photographer is dependent on perseverance, resilience, and reflection
- Artistic expression is an artist’s physical and cognitive articulation of our humanity
- Teacher directed assignments

**PHOTOGRAPHY 11 Course Code: MVAPH11**

Photography is a unique art form that captures images in a variety of contexts.

- Photography reflects the inner connectedness of the individual, community, history and society.
- Growth as a photographer is dependent on perseverance, resilience, and reflection
- Artistic expression is an artist’s physical and cognitive articulation of our humanity
- Single Len Reflex Camera is introduced

**DIGITAL PHOTOGRAPHY 12 Course Code: MVAPH12**

Photography is a unique art form that captures images in a variety of contexts.

- Photography reflects the inner connectedness of the individual, community, history and society.
- Growth as a photographer is dependent on perseverance, resilience, and reflection
- Artistic expression is an artist’s physical and cognitive articulation of our humanity
- Understanding the manual features on Single Len Reflex Camera continues
- Develop Student Centered assignments
- Edit with Adobe Lightroom and Photoshop

It is helpful if students have their own Single Reflex (non-automatic) Camera. Students may borrow the department’s camera equipment on “first come first serve” agreement. However, students assume 100% responsibility to the replacement or repair of any lost, damaged or stolen property. Therefore, all students must have their parent/guardian sign and return the letter of responsibility before any loan.

## **VISUAL ARTS**

Do you have wonder, desire to understand, or curiosity? Do you want to increase your ability to concentrate and express yourself? Are you looking for inspiration, ideas, or plans that call out to be thought, painted, printed, drawn, sculpted, and/or, ArtMag!ed? Do you love drawing, painting, printmaking, sculpting, or ceramics? Then take one or more Visual Arts courses.

If you want to grow stronger in your art, or if you are just starting out and need skills, practice, or inspiration, you will be given the opportunity to learn many techniques and to try many different materials and mediums, to find your preferred ones, and to explore what each one allows you to accomplish.

Sketchbooks are used in each Art course and become a record of a student's artistic journey. Students will also have an opportunity to display their pieces in many places both in the school and out.

*Supplemental Fees may be collected up to the following amounts for: Art 8 \$10; Art 9-10 \$25; Art 11-12 \$30*

### **ART STUDIO 9 Course Code: MVA--09**

Visual Arts 9 is a basic course to prepare students for further study in art. Stressed are the principles and elements of design, especially as they apply to drawing, painting, printmaking, sculpting, and ceramics. Creativity and skill development are emphasized and encouraged. Also addressed will be cultural, historical, and contemporary developments in art.

### **VISUAL ARTS 10: ART STUDIO Course Code: MVA10**

Visual Arts 10 builds on the technical, critical and creative skills of Visual Arts 9, and earlier art courses, but may be taken as a first course by students with no background in Visual Arts. Students are encouraged to take more initiative and attempt more ambitious projects. The emphasis is on: drawing and painting, printmaking, sculpture, and ceramics. All general Visual Arts courses try to accommodate and encourage the diverse artistic interests of the students. The sketchbook begun in Visual Arts 9 is continued and is an important part of this course and the student's artistic development.

### **STUDIO ARTS 3D 10 (SCULPTURE CERAMICS) Course Code: MVAC-10**

This Ceramics course is designed for those wishing to work primarily with clay. Students will be introduced to the fundamentals of ceramics and focus on the basic hand building techniques, some wheel work, knowledge of clay bodies and its origins, and consider its history and contemporary development. Students will learn about surface colourants and their applications, and kiln basics. Emphasis will be placed on learning the elements and principles of design, especially form and texture as they apply to ceramics, and drawing will be used as means of exploring form and image. Students will receive one half a bag of clay but may need to purchase additional clay. Recycled clay may be used free. A deposit is also collected at the beginning of the year and returned at the end of the year upon the return of the students' clay tools.

### **STUDIO ARTS 3D 11 and 12 (SCULPTURE 11, 12: Ceramics) Course Codes: MVAC-11 and MVAC-12**

This senior Ceramics class is identical to the VAC 9 / 10 course and is intended for Grades 11 and 12. Students will develop skills for manipulating clay with their hands and on the potter's wheel. The kiln, surface colourants and its application, tradition and design in clay will be covered and researched. Those who have taken a full year ceramics course in a previous year will build upon their existing skills and knowledge. It is a self-directed study in which experimentation and personal development in a concentrated area is encouraged. Students will mount an in-school show or display, group or individual project of their work by the end.

**STUDIO ARTS 2D 11, 12 (DRAWING AND PAINTING 11, 12) Course Codes: MVAD-11 and MVAD-12**

This Drawing and Painting course is designed for those students who wish to specialize in these areas. Students work in a studio format, building on previous courses and developing a personal approach to imagery. They will maintain a verbal/visual sketchbook and a folio of finished works. Assignments in various media will be given. Students will continue to develop critical judgement of art. Gallery visits may form a part of this course. Historical and contemporary aspects of drawing and painting will be considered and researched.

**ART STUDIO 11 Course Code: MVA11**

Art Studio 11 is a general course which undertakes to explore some of the following: drawing, painting, printmaking, sculpting, ceramics, textiles, graphics. Within these areas, the elements and principles of design are again emphasized, as well as guided personal imagery. Considerations of the 20<sup>th</sup> Century and former eras in art, including Canadian influences, are explored to help the student develop an understanding of their own visual context. Library research, field trips to galleries, and arts events may form a part of this course. Students are encouraged to acquire technical and critical skills, but more importantly, to use their imagination and creativity.

**ART STUDIO 12 Course Code: MVA12**

This course is a review and expansion of Art Foundations 11. This course provides students with the opportunity to further develop their skills and appreciation of art with the option of concentrating their studies in any of the expression areas. It is recommended for those who may pursue a career in art, or further studies in the visual arts at the college or university level or art school.

**IB ART 11 and 12 Course Codes: IARS-11, IARH-2A**

The IB Art course is a place for students to expand their creative horizons. Certificate students (not enrolled in IB Diploma program) are welcome to take the course if they have a strong passion for Art and an understanding that they are committing to a two-year program that has a linear schedule. Students are required to show progress and achievement in areas such as image development, technical skill, personal growth and global, cultural and historical awareness. It is expected that students push themselves to try new techniques and examine the progress of their ideas.

In Grade 11, students are exposed to anything and everything – technical, visual, experimental, philosophical, historical - related to visual arts. Grade 11 students will be given a variety of projects and will learn the importance of the Visual Arts Journal (VAJ).

In the Grade 12 year, students use all their experiences and interests to put together a collection of written work and visual work that is shown in an exhibition, which forms part of the final exam for the course. The course is assessed based on three components; Comparative Study (20%), Process Portfolio (40%), Exhibition and Curatorial Rationale (40%).

Throughout both Grade 11 and 12 students will participate in projects, exercises, and discussions to help them develop the skills and techniques of investigation, both written and visual, relate art to its cultural and historical context, develop and use the processes of art criticism and analysis, share one's work with an audience through displays or presentations, develop confidence speaking about art and make connections between ideas and practice.

IB Art is challenging to be sure and requires out of class hours to complete required work, but the ultimate goal of this class is to allow each student a means of achieving a personal understanding of themselves, the world around them and the art they create. It is a useful step in the beginnings of a career in a creative field.



## FRENCH IMMERSION

Department Head: Mr. Victor Lam

Churchill Secondary School is one of three centres for Vancouver Secondary students wanting to pursue their studies in French Immersion. Students accepted into the Secondary French Immersion Program at Churchill should have previously completed a Late/Early French Immersion program at the elementary level or are those coming from a Francophone school. The catchment area for Churchill French Immersion includes the southern half of Vancouver. It is important to note that French Immersion is for students who have learned French as a second language (L2) or even as a third (L3) language. Courses are specifically designed for L2 and L3 learners.

For students who love a challenge, Prelude and IB programmes offer French Immersion components.

Please refer to the following table for the French Immersion course load.

French Immersion at Churchill				
8e année	9e année	10e année	11e année	12e année
FRAL 8	FRAL 9	FRAL 10 <sup>^</sup>	FRAL 11 <sup>#A</sup>	FRAL 12 <sup>#A</sup>
Sciences humaines 8	Sciences humaines 9	Sciences humaines 10*	Sciences humaines 11 <sup>#B</sup>	
FICO 8	FICO 9	FICO 10*		
Sciences 8	Sciences 9	Sciences 10*		
				English First Peoples 12 <sup>+</sup> or BC First Peoples 12 <sup>+</sup>
<p>* Prelude students will enroll in:</p> <p>FRAL 10 Prélude FICO 10 Prélude - Études internationales Sciences humaines 10 Prélude Sciences naturelles 10 Prélude</p>	<p><sup>^</sup> TREK students:</p> <p>To obtain a Bilingual Dogwood Diploma at graduation, returning students <u>must</u> complete the following <u>in addition to</u> FILA/FRAL 10 completed at Prince of Wales:</p> <ol style="list-style-type: none"> <li>1. Independent literature study</li> <li>2. Immersive experience in French</li> </ol> <p>Students not wishing to satisfy these requirements <u>may</u> continue in French Immersion upon their return but will <u>not</u> receive the Bilingual Dogwood Diploma.</p> <p>Please see Department Head / Counsellor for details and deadlines.</p>		<p># French Immersion IB students:</p> <p>#A = Français A IB (SL/HL) taken in both years of the programme will be equivalent to FRAL 11 and FRAL 12.</p> <p>#B = <i>Études autochtones contemporaines 12</i></p>	<p>+ Options offered at Churchill recommended to regular (i.e. non-IB) French Immersion students to meet the Indigenous-focused graduation requirement.</p>

### FRENCH IMMERSION - GRADE 9

#### Français langue seconde – Immersion 9 (FFRAL09)

A continuation of FRAL 8, students continue to establish connections to various cultures and experiences through questioning, critical thinking and reflection. Students are expected to critically analyse various literature and texts through spoken and written productions, with which they continue to refine their knowledge of grammatical concepts and develop proficiency in the French language.

#### FICO/Art Dramatique 9 (FADR09)

An extension of Art Dramatique 8, this course continues to focus on oral French expression, exploring different themes through understanding and appreciating various texts and media.

### **Sciences 9 (FSCF-09)**

French Immersion Sciences 9 follows the same curriculum as English Sciences 9. Instruction and resource materials are in French.

### **Sciences humaines 9 (FSCHF09)**

In this course, we will explore the idea of continuity and change. We will be focusing events in Canada and around the world spanning from 1750 to 1919. Our Canadian themes include colonization, exploitation and nation building. Our international theme is centered around revolutions – social, political, economic and technological. Students will explore these themes with the help of a variety of multimodal texts. In addition to building on content knowledge, students will have many opportunities to practice their critical thinking and communication skills. Students will also develop research skills that will be critical to their success in future humanities courses.

### **FRENCH IMMERSION - GRADE 10 (Prelude equivalents denoted by \*)**

#### **Français langue seconde – Immersion 10 (FFRAL10) / \*FRAL 10 - Prélude**

This course emphasizes all four language skills: speaking, writing, listening and reading. Knowledge of French grammar is stressed, as is vocabulary study, through composition exercises. Listening skills are also reinforced through various activities. Literary appreciation is developed through the study of novels, poetry, short stories and plays.

#### **FICO/Art Dramatique 10 (FDMR-10) / \*Études internationales/FICO 10 - Prélude**

Continuation of Art Dramatique 9. This course continues to focus on oral French expression, exploring different themes through understanding and appreciating various texts and media. Students will perform various communicative activities and learn about Francophone art, media and film.

#### **Sciences 10 (FSCF-10) / \*Sciences 10 – Prélude**

French Immersion Sciences 10 follow the same curriculum as English Science 10. Instruction and resource materials are in French.

#### **Sciences humaines 10 (FSCH-10) / \*Sciences humaines 10 – Prélude**

In this course we will explore Canada's 20<sup>th</sup> century history. We will look at what has happened in Canada over the last 100 years as well as Canada's place in major world events from 1914 to present. Some themes we will explore include historical and contemporary injustices, global and regional conflicts as well as reconciliation for the aforementioned. Students will explore these themes with the help of a variety of multimodal texts. In addition to building on content knowledge, students will have many opportunities to practice their critical thinking and communication skills. Students will also develop research skills that will be critical to their success in future humanities courses.

### **FRENCH IMMERSION - GRADE 11**

#### **Langue et culture de la Francophonie 11 (FLCF-11)**

This course is designed to encourage students to discover, explore, analyze, and interpret cinematographic and literary works of the French-speaking world. The course offers numerous opportunities for students to demonstrate their understanding and communicate their ideas through a various means of communications. In addition, a variety of excerpts from well-known novels, plays and poems will be studied. The usual study of language, spelling and grammar also continues. Stress will be placed on good oral and written skills. Students will explore a variety of writing genres (essays, descriptions and narration) and do formal oral presentations.

### **FRENCH IMMERSION – GRADE 12**

#### **Français langue seconde – Immersion 12 (FFRAL12)**

This course includes a detailed study of a variety of literary works, selected from Canada, France and the francophonie, including Métis and other Canadian indigenous literature written in French. As well, a large selection

of texts and documents will be read, discussed, and created. The course will encourage students to use critical and creative thinking to analyze various communication situations and refine their communication skills in diverse contexts. Students will prepare for the French Immersion Graduation Literacy Assessment (*Évaluation de littératie – Français langue seconde – Immersion*), which includes both a written and an oral component. This assessment is mandatory for all students (including those in French Immersion IB) who wish to obtain their Bilingual Dogwood Diploma.

### **Histoire du 20e siècle 12 (FWH-12)**

This course provides an overview of the ideologies, conflicts, events, and/or developments that shaped the 20<sup>th</sup> century, including « Big Ideas » as listed in the BC Curriculum:

- Nationalist movements can unite people in common causes or lead to intense conflict between different groups.
- The rapid development and proliferation of technology in the 20th century led to profound social, economic, and political changes.
- The breakdown of long-standing empires created new economic and political systems.

Students will develop skills important to studies in the humanities such as research abilities, primary source analysis, and academic writing for the humanities. This course also includes a long-term and self-directed project. *This course can be taken in Grade 11 or 12, but is not offered to students in French Immersion IB.*

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## **HOME ECONOMICS**

**Department Head: Ms. Dawn Kelly**

### **TEXTILES 9 and 10 Course Codes: MADT-09 and MTXT-10**

This course will include basic hand and machine construction techniques, including fabric study, First Peoples practices, and principles of design. Environmental and ethic factors that influence textile choices and the impact of those choices on local and global communities will be discussed. Strategies for altering patterns and upcycling/recycling will be explored. Students will have the opportunity to choose projects that meet their needs. Fieldtrips and guest speakers will be included.

### **TEXTILES 11 Course Code: MTXT-11**

As there are no prerequisites for TEXTILES, ALL students will learn basic hand and machine construction techniques, including fabric study, First Peoples practices, and principles of design. This course will continue to develop the content areas of Textiles 10 in more detail. Also, topics around the influence of marketing and advertising, such as social media, in the promotion of fashion and textile items. Students will challenge themselves with more complicated designs and fabrics. This course develops individual expressions in clothing selection and intermediate skills in clothing construction. Fieldtrips and guest speakers will be included.

### **TEXTILES 12 Course Code: MTXT-12**

As there are no prerequisites for TEXTILES, ALL students will learn basic hand and machine construction techniques, including fabric study, First Peoples practices, and principles of design. This course will continue to build on the content covered in Textiles 10 and 11. Methods for designing patterns, textile manipulation techniques, and historical perspectives (including First Peoples). Discussion of forecasting practices and how they are used in the development and creation of textile items. The relationship between the fibre content, fabric type, and textiles use will always be considered. Careers in clothing and textiles will be examined. Fieldtrips, portfolios, and guest speakers will be included.

**FASHION DESIGN 12B Course Code: YVHE-2B**

As there are no prerequisites for TEXTILES, ALL students will learn basic hand and machine construction techniques, including fabric study, First Peoples practices, and principles of design. This course is for fashion conscious students interested in developing their designing abilities. This could provide an enjoyable hobby or, with additional training, could lead to a fashion career. It also further develops the ability to make wise clothing choices and to evaluate fabric goods critically and objectively. Each student will complete a series of flat pattern drafting assignments and produce a personalized pattern block to be used as a basis for their own designs. Creativity and self-expression, through the use of pattern blocks will be used to create at least three garments in a variety of fabrics. Students will also complete units on colour, design elements of fashion and fashion sketching.

**FOODS STUDIES 9 Course Codes: MADFS09**

This course will engage with the following subject matter: food safety and security, meal preparation and planning, and cultural eating practices including First Peoples. Students will explore food trends, marketing, nutrition, food systems, and the relationship between mental and physical well-being, all while learning the basics of home cooking. A global perspective on food systems will encompass environmental, ethical, economical considerations, and the impact on health.

**FOODS STUDIES 10 Course Code: MFOOD10**

This course will engage with the following subject matter: food safety, food preparation practices (elements of a recipe, cooking techniques, and equipment usage), recipe substitutions, nutrition and healthy eating, and First Peoples food use and preparation. Students will explore food trends, marketing, and food systems, encompassing environmental, ethical, economical considerations, and the impact on health.

**FOOD STUDIES 11 & 12 Course Code: MFOOD11, MFOOD12**

This course builds on the skills and knowledge gained in Foods & Nutrition 9/10. More advanced food preparation techniques and further study of nutrition will take students to an intermediate level. Students will consider consumer issues and evaluate environmental, cultural, social and aesthetic components of food. Students are able to select many of their own recipes and plan labs, while considering such elements as management of time, energy and cost

**INTERIOR DESIGN 11 Course Code: YAED-1B**

*Interior Design 11 is scheduled to run every second year.*

Do you imagine what it would be like to be an Interior Designer? Are you curious about career options in this field? The Interior Design business is really hot right now with a new generation of products, on-line shopping and TV programs to help individuals design beautiful, inspired spaces for living and working. This course provides students the opportunity to examine the elements and principles of design and learn how to apply these to the interior design process. Students will investigate the design process from start to finish. A body of work will be produced that represents their individual design style. Students will explore career options in the field of Interior Design.

**PSYCHOLOGY 11 Course Code: YPSYC1A**

*Psychology 11 and 12 can be taken over 2 years.*

This is an introductory course that focuses on the study of human behaviour. This class will include some interactive activities so that students can engage directly with and think critically about the topic at hand. Topics include an overview of the field of psychology, methods of research, the brain and behaviour, principles of learning, intelligence and creativity, personality, communication. By the end of this course, students will have a basic understanding of psychology as it relates to personal, social and educational life.

**PSYCHOLOGY 12 Course Code: YPSYC2A**

*Psychology 11 and 12 can be taken over 2 years.*

This course is different than Psychology 11 and is designed to allow students to take psychology a second time or over 2 years. This course is structured to include the following units: biological, cognitive, abnormal, developmental psychology. Students will investigate topics in psychology that are of personal interest and complete an inquiry project. Other current topics in the area of psychology will be investigated – these can include psychology of law, forensics and neuropsychology.

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## MATHEMATICS

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**Department Head: Ms. Rebecca Tang**

**The Mathematics program** is designed to provide every student with a sound working knowledge of the mathematics necessary to succeed in their chosen post-graduation field. The diversity of our course offerings not only helps students develop skills in computation, algebra, geometry, logical reasoning, statistics, pre-calculus and calculus, but also empowers them to pursue interests in the workplace, apprenticeship programs and in college or university education.

**MATHEMATICS 9 Course Code: MMA--09**

This course uses a student workbook, available for purchase as consumable use or for use and return provided that the workbook comes back in pristine condition without writing.

Mathematics 9 reviews the ideas introduced in Mathematics 8 and lays the foundation for more advanced study of mathematics in grades 10, 11 and 12. The major topics presented in the course are:

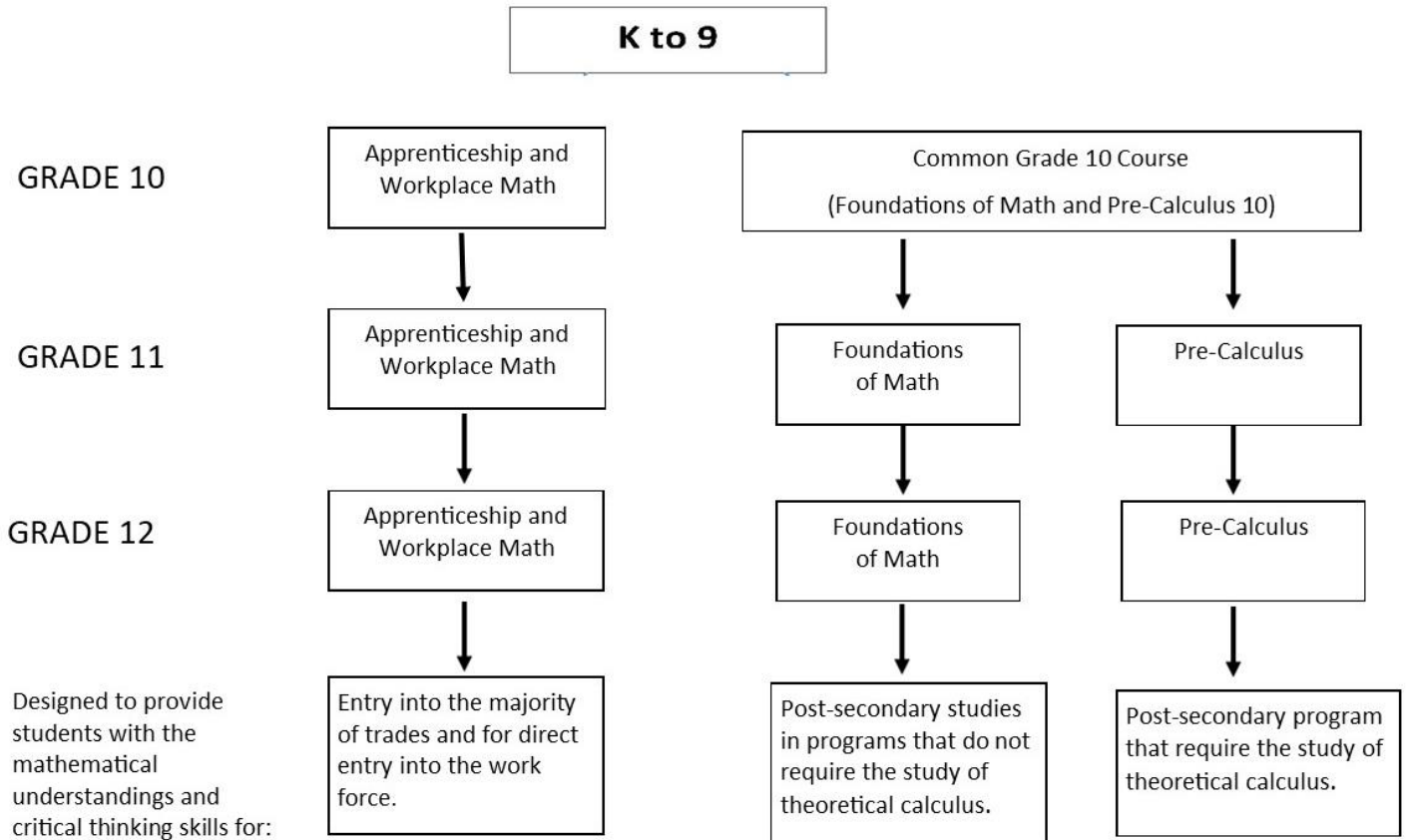
- Arithmetic Review
- Rational Numbers
- Probability and Statistics
- Financial Literacy
- Linear Equation
- Word Problems in 1 Variable
- Reasoning
- Exponents
- Polynomials
- Similarity and Scale Factors

In grades 10-12, the pathways program designed by the Ministry of Education is followed. There are three options:

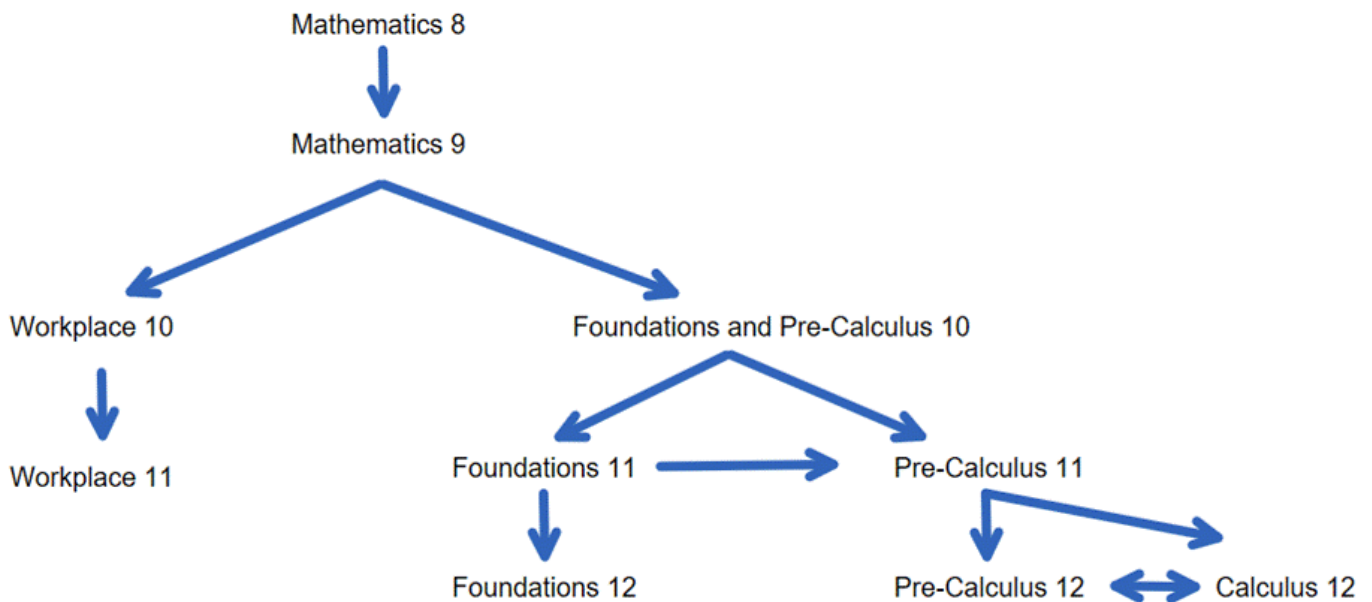
- Workplace Mathematics – pathway designed for students entering the workforce immediately after graduation or who are pursuing specific apprenticeship training.
- Foundations of Mathematics – pathway designed for students planning to pursue a post-secondary ARTS program (such as humanities, fine arts, law or social sciences, disciplines that do not require the study of theoretical calculus). In grade 10, the Foundations and Pre-Calculus courses are combined.
- Pre-Calculus Mathematics – pathway designed for students planning to pursue a post-secondary SCIENCE program (such as math, science, engineering, or business/commerce, disciplines that require the study of theoretical calculus).

The choice between these three distinct pathways is generally determined by interest, ability, and post-secondary aspirations. Students are strongly recommended to become informed about the course requirements of individual college and university for specific areas/programs of interest.

## Overview of Pathways



### Pathways at Churchill



**FOUNDATIONS AND PRE-CALCULUS MATHEMATICS 10 Course Code: MFMP-10**

This course uses a student workbook, available for purchase as consumable use or for use and return provided that the workbook comes back in pristine condition without writing.

This course is designed for students who will be pursuing either the Foundations of Math program OR the Pre-Calculus program.

Topics include:

- Finance
- Rationals and Irrationals
- Polynomials
- Equation and Slope of a Line
- Trigonometry
- Introduction to Function
- Linear equations/Linear system of equations
- Arithmetic sequences and series

*Students with a weak background in Mathematics 9 should register for Workplace Mathematics 10.*

**WORKPLACE MATHEMATICS 10 Course Code: MWPM-10**

This course uses a student workbook, available for purchase as consumable use or for use and return provided that the workbook comes back in pristine condition without writing.

This course is intended for students who will NOT continue in a mathematics related career and to those who wish to review fundamental skills. It entitles the student to continue in Workplace Mathematics 11. The course includes some topics from Mathematics 8, 9, and 10. NOTE: Credit for Workplace Mathematics 10 is not equivalent to credit for Foundations and Pre-Calculus Mathematics10.

Topics Include:

- Measurement
- Finance
- Trigonometry
- Geometry

**PRECALCULUS MATHEMATICS 11 Course Code: MPREC11**

*\*Graphing calculators will be used extensively – the purchase of one is advised. \**

This course uses a student workbook, available for purchase as consumable use or for use and return provided that the workbook comes back in pristine condition without writing.

Pre-Calculus is an academically demanding and sophisticated pathway that requires significant dedication and hard work. Students wishing to pursue math, science, engineering, or business/commerce in post-secondary but find FMP10 difficult should first take Foundations 11 to improve skills before tackling Pre-Calculus 11.

The main topics in the course include:

- Quadratic Functions/Quadratic Equations
- Polynomial Functions
- Finance
- Trigonometry
- Rationals and Irrationals
- Radicals and Radical Equations

*Students with a weak background in FMP10 should register for Workplace Mathematics 11.*

**FOUNDATIONS OF MATHEMATICS 11 Course Code: MFOM-11**

*\*Graphing calculators will be used extensively – the purchase of one is advised. \**

This course uses a student workbook, available for purchase as consumable use or for use and return provided that the workbook comes back in pristine condition without writing.

The Foundations of Mathematics 11 and 12 courses are intended for students heading into post-secondary studies in programs that do not require the study of theoretical calculus. This pathway is a Survey of Mathematics where students learn how mathematics describe and affect their world. Topics include:

- Measurement
- Geometry
- Logical Reasoning
- Statistics
- Quadratic Functions & Quadratic Equations
- Research Project

*Students with a weak background in FMP10 should register for Workplace Mathematics 11.*

**WORKPLACE MATHEMATICS 11 Course Code: MWPM-11**

This course uses a student workbook, available for purchase as consumable use or for use and return provided that the workbook comes back in pristine condition without writing.

The Apprenticeship and Workplace Mathematics 11 and 12 courses are intended for students planning on entry into the majority of trades and for direct entry into the work force. Topics include:

- Measurement
- Geometry
- Finance
- Algebra
- Graphs

**HISTORY OF MATHEMATICS 11 Course Code: MHOM-11**

The goal of this course is to provide students with a background into the historical development of Mathematics from early number counting to the integral role Mathematics now plays in our society. Through these investigations students will further the understanding and appreciation of mathematics, while building curiosity, wonder and critical-thinking skills needed in daily life.

Big Ideas:

- Mathematics has developed over many centuries and continues to evolve
- Mathematics is a global language used to understand the world
- Societal needs across cultures have influenced the development of mathematics
- Tools and Technology are catalysts for mathematical development
- Notable mathematicians in history nurtured a sense of play and curiosity that led to the development of many areas in mathematics

Topics include:

- Number and number systems
- Probability and Statistics
- Geometry
- Patterns and Algebra
- Tools and Technology
- Cryptography

For more information, please visit: Building Student Success - B.C. Curriculum

<https://curriculum.gov.bc.ca/curriculum/mathematics/11/history-of-mathematics>



**PRECALCULUS 12 Course Code: MPREC12**

Previous Course: Pre-Calculus 11

*\*Graphing calculators will be used extensively – the purchase of one is strongly advised. \**

This course uses a student workbook, available for purchase as consumable use or for use and return provided that the workbook comes back in pristine condition without writing.

This course is designed for the student of above average math ability. It provides a basis for those students who plan post-secondary careers in such areas as Mathematics, Engineering, Physics, Chemistry, Biology, Medicine, Business/Commerce and related fields. Topics include:

- Polynomials
- Relations and Functions
- Transformations
- Exponents and Logarithms
- Trigonometry
- Conics
- Geometric Sequences and Series

**FOUNDATIONS OF MATHEMATICS 12 Course Code: MFOM-12**

*\*Graphing calculators will be used extensively – the purchase of one is advised. \**

This course uses a student workbook, available for purchase as consumable use or for use and return provided that the workbook comes back in pristine condition without writing.

Foundations of Math 12 is intended for students heading into post-secondary studies in programs that do not require the study of Calculus. This pathway is a Survey of Mathematics where students learn how mathematics describe and affect their world. Topics include:

- Relations and Functions
- Financial mathematics
- Logical Reasoning
- Exponential & Log Functions
- Combinatorics
- Probability
- Math Research Project
- Polynomial and Sinusoidal Functions

**CALCULUS 12 Course Code: MCALC12**

Previous Course: Completion of Pre-Calculus 12

*\*Graphing calculators will be used extensively – the purchase of one is advised. \**

This course uses a student workbook, available for purchase as consumable use or for use and return provided that the workbook comes back in pristine condition without writing.

Topics include:

- Functions
- Derivatives
- Graphs
- Integrals
- Limits

Successful candidates will be recommended to sit the AP Calculus AB exam in May.

**CALCULUS 12 AND MATH 12 Course Codes: MCALC12SEM and MPREC12SEM**

Previous Course: An A or B in Pre-Calculus 11

*\*Graphing calculators will be used extensively – the purchase of one is advised. \**

These courses are for Grade 12 students who plan to take both Pre-Calculus 12 and Calculus 12. To allow for a better understanding of calculus, Pre-Calculus 12 will be taught in both blocks for the first five months. Upon completion of

Pre-Calculus 12, Calculus 12 will be taught in both blocks for the remaining five months. Topics covered will be the same as for Pre-Calculus 12 and Calculus 12.

In general students will not be in a position to write the AP exam in May.

### **STATISTICS 12 Course Code: MSTAT12**

Any student who has completed FMP 10 may take this course.

Statistics 12 is designed to provide students with both a theoretical and practical knowledge of data analysis and basic experimental design. Students interested in pursuing further studies in data science, natural sciences, social sciences (psychology, criminology, etc.), or economics will find this course of special interest. As many post-secondary programs require at least one Statistics course, topics explored will be drawn from a variety of disciplines covering statistical methods from both descriptive (central tendency, variability, correlation) and inferential (hypothesis testing, confidence intervals, statistical significance) fronts. Students will use technology to explore statistical concepts and develop strong communication with data analysis.

## **MODERN LANGUAGES**

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**Department Head: Ms. Emily Kung**

The aim of the Modern Languages Department is to provide students with the ability to: 1. Participate actively in reciprocal interactions in other languages 2. Deepen their understanding of other languages and value cultural diversity 3. Engage in meaningful conversation about things that are important to them 4. Explore their own cultural identity from a new perspective After students finish French 8, they are free to continue French and/or choose Spanish, Japanese or Mandarin depending on availability and registered priority (grade level).

PLEASE NOTE: Those students who already are advanced in a Modern Language must check with their teacher first, then their counsellor and the B.C. Ministry of Education website for external credits towards graduation and the possibility of doing a Language Challenge Exam at the Grade 11 or 12 level. However, a language challenge exam mark cannot be used in calculating your grade point average for university entrance. As well, universities such as UBC will not allow early entrance admission to students who declare online courses as part of their GPA, so it is best to take a language at Churchill. Reminder that universities will not accept online courses as part of GPA calculation for early acceptance.

### **FRENCH 8 COURSE Code: MFR--08**

French 8 is an introductory course to the French language The course focuses on the building blocks of the French language such as the alphabet and French letter patterns. Students will move towards learning about the following topics: Presenting oneself to others; Weekend activities; Meals and Food; Free time and entertainment. Students will be using a workbook in French 8; a workbook may be used. In this course, activities will allow students to gain the basics of the French language through various learning strategies such as partner and groupwork. There will be a focus on exchanging ideas and information, sharing information, asking and responding to questions, and telling stories.

### **FRENCH 9 Course Code: MFR--09**

In French 9, you will continue to build your skills with more advanced vocabulary and key grammar concepts, including the past and future tenses. We will explore engaging topics like leisure activities (sports and hobbies), city life, travel, and fashion, giving you the tools to express yourself confidently in new ways. Learning French is not just about speaking another language—it is about gaining a new perspective on the world. Through this course, you will

have the opportunity to connect with your classmates, engage in creative problem-solving, and learn about the cultures and traditions of Francophone communities. You will also explore connections to local First Nations stories, history, and geography, helping you see the bigger picture of how languages shape our world. Whether you're passionate about travel, culture, or just curious about new ideas, French 9 helps you grow as a communicator and thinker, two very important skills. French 9 is not just about learning a language—it is about broadening your understanding of the world around you.

**FRENCH 10 Course Code: MFR--10**

French 10 will offer you the chance to connect with others and express yourself in creative and meaningful ways. Through activities like storytelling, filmmaking, designing spaces, and exploring career paths, you'll gain practical skills while expanding your language abilities. This course emphasizes both oral and written communication while helping you think critically and analyze effectively. Topics include travel, home life, education, fashion, hobbies and careers, giving you a wide range of real-world themes to explore. Along the way, you will refine your pronunciation and learn to confidently discuss everyday topics using essential tenses. Oral presentations and activities are a key part of the course, helping you develop your speaking skills for everyday use or for more advanced opportunities like the IB program. The workbook may still be used in French 11. By the end of French 10, you will have worked on communication and linguistic skills so as to be confident and ready to use your language skills to communicate and engage in whatever comes next.

**FRENCH 11 Course Code: MFR--11**

In French 11, you will learn to express yourself confidently using the imparfait, futur simple, and conditionnel tenses—essential tools for creative storytelling, planning future adventures, and imagining exciting possibilities. Explore topics such as: sports and health, home and fashion, geography, travel, exchange abroad, communication, and relationships. Whether you are designing your dream house, sharing opinions on global trends, or planning your ideal trip to Paris, this course makes French relevant and fun. You will have the chance to show off your presentational flair through dynamic oral presentations and engaging written compositions, building skills that go beyond the classroom. French 11 sets you up for success in French 12 and beyond—perfect for those dreaming of careers in language, arts, political science, history, international relations, or even government work in the near future. Take French 11 to level up your communication skills, stand out, and open doors to a world of opportunities!

**FRENCH 12 Course Code: MFR--12**

In this final secondary course, you will further elevate your listening, speaking, and writing skills while exploring the creative and inspiring world of Francophone art, literature, poetry, and music. Through thoughtful analysis and critique, you will have the opportunity to develop and share your own ideas, refining your ability to think critically and express yourself with confidence. French 12 offers a unique opportunity to reflect on your language learning journey throughout high school, providing valuable insights and experiences to highlight in your university applications. This course allows you to showcase your growth, dedication, and readiness for post-secondary studies while deepening your connection to the French language and culture.

**INTRODUCTORY SPANISH 11 Course Code: MBSP-11**

*This course is not open to students in grades 8-9*

**PLEASE NOTE** that this course is open only to students who will be in grades 10, 11 and 12 during the next school year. No prior knowledge of Spanish is required; however, this is an intensive course that demands a high degree of student commitment and involvement. Students will learn to communicate in every-day, practical situations with a focus on the four language-learning skills of speaking, listening, reading, and writing. Students will engage in simple conversations about topics related to getting to know one another, life in the city, eating at a restaurant, the home and neighbourhood, shopping, going to school, and vacation plans. Students will learn about the history, geography, customs, and celebrations of the various Hispanic countries (including *The Day of the Dead* and *Cinco de*

mayo holidays). We will discuss the history of the Indigenous peoples prior to and post contact with the Spanish and in particular, the influence of the Aztec, Mayan, and Inca cultures on modern-day life. After successfully completing this course, you would enrol in Spanish 11, which is a second-year course. Spanish 12 is a third-year course

**SPANISH 11 Course Code: MSP--11**

PLEASE NOTE that this course requires prior completion of *Introductory Spanish 11* as a pre-requisite. This is a second-year course; it is not a beginner's course. Students will expand their knowledge of the Spanish language and will be able to use more sophisticated vocabulary and grammatical structures, including the future and conditional verb tenses. They will be able to express ideas and give opinions on topics related to travel, the environment and outdoor adventure, technology, childhood experiences, and cuisine. The political history of Argentina, the tango dance, and city/rural life will be discussed. Students will deepen their appreciation of Hispanic culture, with a particular focus on Spain, Mexico, Costa Rica, the Dominican Republic, New York City, and Argentina. Students will become more familiar with the history of the European and the Indigenous populations of the Spanish-speaking countries.

**SPANISH 12 Course Code: MSP--12**

This is a third-year Spanish course for students who have successfully completed **both** *Introductory Spanish 11* **and** regular *Spanish 11*. Students will study advanced vocabulary and grammar and will write compositions. This course offers increased general competence in the Spanish language, along with an appreciation of Spanish literature through the study of selected works of recognized Spanish and Latin American authors. *Don Quijote de la Mancha* by the renowned Spanish writer Cervantes may be studied. Students will be prepared to confidently study Spanish at the post-secondary level.

**INTRODUCTORY JAPANESE 11 Course Code: MBJA--11**

*Not open to students in grade 8 or 9*

This course is for students who are learning Japanese for the first time. Students will begin to acquire this new language by listening, reading and viewing stories. By the end of the year, students will be able to recognize the relationships between Japanese characters and sounds for hiragana and katakana. They will know common, high frequency vocabulary, including greetings, descriptions of people, objects, and locations, types of questions, and simple instructions. They will know elements of common texts and stories. They will be able to write their own short stories. As students of Japanese, members of this class are encouraged to be involved in the school-wide sister school exchange program, where the buddy day, homestay volunteering, and the trip to visit our sister school in Yokohama provide a variety of ways to engage in experiences with Japanese people and communities.

**JAPANESE 11 Course Code: MJA--11**

In this second-year course, students will express themselves with growing fluency. Students will be able to recognize over 150 kanji. Students will recognize degrees of formality in speech and writing to reflect different purposes, such as writing an informal note to a family member vs. filling out an application for a part time job. They will know past, present and future time frames. They will learn how to add detail to their own writing with particles and cohesive devices. Expressing ideas in complex sentences will be possible at this stage. Themes covered include Identities, Experiences, Human Ingenuity, Social Organization and Sharing the Planet. Cultural aspects such as traditional food and clothing may be introduced, and students will analyze different cultural points of view through texts.

**JAPANESE 12 Course Code: MJA--12**

Students in this third and final year of Japanese often have a strong interest in Japanese culture and wish to pursue language learning further. Such students recognize that language learning is a lifelong process. In Japanese 12, students will continue with the five themes introduced in Japanese 11 by exploring different text types, such as blogs, email messages, letters, and web pages. Topics within the five themes may include Physical Health, Transportation,

Vacation and Travel, and Global Issues. Students will be able to respond personally to these topics using explanation and justification of opinions. Students will learn structures to communicate feelings, needs, and beliefs. They will explore diverse forms of cultural expression and develop understanding and appreciation of different cultures. Students will increase their range of vocabulary and kanji as well as gain more confidence in using increasingly complex sentence structures.

## PHYSICAL EDUCATION

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**Department Head: Mr. Greg Pears**

**PHYSICAL AND HEALTH EDUCATION 9 AND 10** - PHE is a required course for all Grade 9 and 10 students.

**Course Codes: MPHE-09, MPHE10**

The curriculum emphasis is on personal health goals, fitness concepts and skill acquisition through individual, dual and team sports. The courses are designed to be progressively more demanding of students' abilities in motor performance, knowledge and social development. The graduating PE 10 students should have lifetime skills that enable him or her to make responsible, personal health decisions and be wise consumer of community services. Field trips to use community facilities may be offered. There will also be an added focus on self evaluation and reflection on the core competencies of communication as well as personal and social responsibility. The course will touch on substance abuse, sexual education and mental health issues.

Activities the mandatory years of PE have to offer will include:

### **GRADE 9**

Soccer	Gymnastics	Basketball
Weight Training	Table Tennis	Volleyball
Fitness	Football	
Dance	Badminton	

### **GRADE 10**

Tennis	Volleyball	Archery	Lacrosse
Table Tennis	Golf	Team Handball	Floorball (ball hockey)
Ultimate	Weight Training	Fitness	First Aid

**PHYSICAL EDUCATION 9 LEADERSHIP** Course Code: MPHE-09ENR

PE 9 leadership is a course for students who wish to develop their leadership skills both in school and in the greater community. While the courses curriculum is similar to that of PE 9, there will be an added focus on developing students' character, increasing social awareness, and engaging in community service. This course introduces the decision-making and communication strategies that will be further developed in PE 10 leadership.

**PHYSICAL EDUCATION 10 LEADERSHIP** Course Code: MPHE10ENR

PE 10 leadership is a course for students who wish to develop their leadership skills both in school and in the greater community. While the courses curriculum is similar to that of PE 10, there will be an added focus on developing students' character, increasing social awareness, and engaging in community service. This course introduces the decision-making and communication strategies that will be further developed in PE 11/12 leadership.

## **SENIOR LEVEL PHYSICAL HEALTH EDUCATION OPTIONS**

- **Please note that all Senior PHE courses do not include Fitness evaluations and do not require Churchill PE strip only appropriate activewear and footwear.**

### **ACTIVE LIVING 11 AND 12 (GAMES AND SPORTS) Course Codes: MACLV11, MACLV12**

PE 11 and PE 12 are coeducational electives courses intend to continue the development of a student's personal responsibility for his/her own health. The curriculum requires that student's complete units on skill development, are exposed to a variety of lifetime leisure-oriented activities, develop leadership skills, and can be certified in areas of first-aid, sports medicine, or leadership. The curriculum requires that students participate actively in a variety of team and individual sports in order to develop and demonstrate skills, fitness and leadership. The course may include field trips that utilize community facilities to introduce a diversity of leisure-oriented activities.

### **ACTIVE LIVING 11 AND 12 (VOLLEYBALL OFF TIMETABLE) Course Codes: MACLV11SC3, MACLV12SC3**

PHE 11 (Volleyball off timetable) and PHE12 (Volleyball off timetable) are co-educational elective courses intended to continue the development of a student's personal responsibility for their health. The course provides skill-based and strategic lessons where student can learn to appreciate the game. Students will improve their skills, fitness, and play volleyball games. The goal is to build confidence and skills while learning lessons of teamwork, positivity, and communication.

### **ACTIVE LIVING 11 AND 12 (BASKETBALL) Course Codes: MACLV11SC1, MACLV12SC1**

PE 11 (Basketball) and PE 12 (Basketball) are co-educational elective courses intended to continue the development of a student's personal responsibility for his/her health. The course will cover all the intended learning outcomes of regular PE 11/12 but curriculum will concentrate on basketball. In addition to developing skill in basketball; the course will cover fitness, nutrition, leadership and lifestyle in order to maximize the students actively.

### **ACTIVE LIVING 11 AND 12 (BASKETBALL OFF TIMETABLE) Course Codes: MACLV11SC1, MACLV12SC1**

PE 11 (Basketball off timetable) and PE 12 (Basketball off timetable) are co-educational elective courses intended to continue the development of a student's personal responsibility for his/her health. The course will cover all the intended learning outcomes of regular PE 11/12 but curriculum will concentrate on basketball. In addition to developing skill in basketball; the course will cover fitness, nutrition, leadership and lifestyle in order to maximize the students actively.

### **FITNESS & CONDITIONING 11 AND 12 Course Code: MFTCD11, MFTCD12**

Fitness 11 and Fitness 12 have been created to provide students with knowledge to design and implement both a muscular and aerobic fitness program specific to their needs. Furthermore, students will gain an understanding of the value of physical fitness as an integral part of health and wellness. A variety of methods and equipment will be used in the course including but not limited to; fitness machines, free weights, stability balls, medicine balls, ladders, reaction balls, and bosu balls. In addition to actual physical training the course will discuss health related topics such as nutrition and healthy lifestyle.

# SCIENCE

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**Department Head: Ms. Karla Smedley**

In Science 9 and 10, students investigate topics through experimentation and hands-on activities. Emphasis is placed on the nature of science (the scientific method, how scientific knowledge is generated, etc.), placed-based knowledge (including aboriginal perspectives), conceptual and procedural knowledge, habits of mind and scientific literacy. The program consists of **core competencies**, **curricular competencies**, and **big ideas**. **Big ideas** are themes that encompass and connect more specific **content** and optional **elaborations**.

*Core competencies are:* sets of intellectual, personal, and social and emotional proficiencies that all students need to develop in order to engage in meaningful life-long learning. Critical thinking is a fundamental aspect of the nature of science.

*Curricular competencies are:* subject specific skills developed through student work in the laboratory and classroom. They include: questioning and predicting, planning and conducting, processing and analyzing data and information, evaluating, applying and innovating, communicating.

## **SCIENCE 9 Course Code: MSC--09**

*Big ideas are:*

1. Cells are derived from cells.
2. The electron arrangement of atoms impacts their chemical nature.
3. Electricity is the flow of electrons.
4. The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.

## **SCIENCE 10 Course Code: MSC--10**

*Big ideas are:*

1. Genes are the foundation for the diversity of living things.
2. Chemical processes require energy change as atoms are rearranged.
3. Energy is conserved and its transformation can affect living things and the environment.
4. The formation of the universe can be explained by the big bang theory.

## **SCIENCE FOR CITIZENS 11 Course Code: MSCCT11**

This course is an acceptable Science 11 graduation course. It emphasizes the application of science to everyday life. This is a brief synopsis of how the course is structured:

- There will be no homework, all assessments and assignments will be completed and worked on during class time. All sheets and notes will be kept in a folder in the classroom, or for remote classes, work will be posted online.
- There will be no large unit tests, but there will be a short quiz everyday based on the material/work they did the previous class. There will also be labs, projects and other assignments.
- At the end of each term, we will use their top ten quiz scores as part of their term mark. For this reason, there will be no re-quizzes or quiz make-ups if they miss a class.
- So, the privileges are no homework, unless there are remote classes, and no large tests, but the responsibilities are attending each class and completing work during class time.
- The main topics we will cover are Science as it relates to Food, Health and Career.

**LIFE SCIENCES 11 Course Code: MLFSC11**

A course with great focus on application of concepts in realistic scenarios related to organisms. Considerable emphasis is also placed on the relationships that exist between living things, their environments and the evolutionary process. This course includes the development of skills such as comparing and contrasting, analyzing evidence, and constructing models, which will be extremely useful in Anatomy and Physiology 12. The main topics for this course are:

1. Characteristics of living things, including cell structures, asexual and sexual reproduction, biochemistry (cellular respiration and photosynthesis)
2. Process of evolution
3. Taxonomy (classification) including microbiology (viruses, bacteria and protists), mycology (fungi), plant and animal biology.

A wide variety of lab activities including microscopy and dissections of various plants and animals are integral components of Life Sciences 11.

**CHEMISTRY 11 Course Code: MCH--11**

Chemistry 11 is the first formal course in Chemistry. It consists of classroom lessons, laboratory activities, practicing lab safety, and some classroom demonstrations. The course content covers measurement, matter and its changes, atoms/molecules/ions, nomenclature, the mole concept, types of reactions, stoichiometry, atomic theory, the periodic table, bonding, solutions and organic chemistry. The student must be able to read and follow a lab procedure from a lab manual. Mathematical calculations are required for the course content. The course will mainly focus on developing the core competency of critical thinking along with some aspects of creative thinking.

**PHYSICS 11 Course Code: MPH--11**

Physics 11 is a laboratory-based course intended as an introduction to physics and provide insight into its scope, nature, relevance and limitations so that students have a better understanding of the world around them. Topics of study include:

- |                         |                      |
|-------------------------|----------------------|
| 1. Kinematics (2D)      | 4. Thermal Physics   |
| 2. Dynamics (2D)        | 5. Electric Currents |
| 3. Work, Energy & Power | 6. Waves             |

**ANATOMY AND PHYSIOLOGY 12 Course Code: MATPH12**

Anatomy and Physiology 12 focuses on the interrelationships between components of the human body systems to maintain a state of homeostasis using cellular compounds and biological molecules. This course places significant emphasis on detailed biological processes and comprehensive application of concepts in preparation for post-secondary biology studies. Students will engage in a variety of laboratory activities ranging from microscopy to dissection. The three main components of the course are:

1. Homeostasis and its maintenance through physiological processes
2. DNA and Cells
3. Human organization, including how human anatomy is adapted to its many functions

The development of skills and conceptual application presented in Life Sciences 11 serve as key foundations for students considering taking Anatomy and Physiology 12.



**CHEMISTRY 12 Course Code: MCH--12**

This course is designed for students who wish to take Chemistry at the university level. It consists of classroom lessons, laboratory activities, practicing lab safety, and some classroom demonstrations. Mathematical calculations are required for the course content and are more rigorous than that encountered in Chemistry 11. Students will learn why certain reactions take place rapidly and others slowly; why some reactions proceed to completion and others do not; why some compounds dissolve in water and to what extent; and many different aspects of acids and bases. Oxidation-reduction reactions are also examined and applied to electrochemical and electrolytic cells. The course will mainly focus on developing the core competency of critical thinking along with some aspects of creative thinking.

**PHYSICS 12 Course Code: MPH--12**

Physics 12 is a laboratory-based course designed for students with an interest in laboratory work, a high analytical ability and well-developed problem-solving skills. Students will learn to solve physics problems in two dimensions and apply them to lab projects throughout the course. Topics of study include:

1. Momentum and Energy
2. Circular Motion and Gravitation
3. Electrostatics
4. Electromagnetism
5. Equilibrium
6. Special Relativity

## **SOCIAL STUDIES**

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**Department Head: Ms. Helen Sinclair**

The high school graduation requirements for Social Studies include Social Studies 9, Social Studies 10, and a minimum of 1 Senior Social Studies 12 elective. There is a focus on geographic thinking and historical thinking skills in all Social Studies courses. Current events are studied throughout the grades. Each course will stress a variety of teaching methods and include lectures, seminars, student presentations, discussions, and guest speakers. Audio-visual support materials such as films, podcasts, photographs and videos are also used. The department offers the following electives: 20<sup>th</sup> Century World History 12, BC First Peoples 12, Comparative Cultures 12, Human Geography 12, Law Studies 12, Philosophy 12, and Social Justice 12.

**SOCIAL STUDIES 9 Course Code: MSS--09**

In this course, we will explore the idea of continuity and change. We will be focusing on events in Canada and around the world spanning from 1750 to 1919. Our Canadian themes include col

onization, exploitation and nation building. Our international theme is centered around revolutions – social, political, economic and technological. Students will explore these themes with the help of a variety of multimodal texts. In addition to building on content knowledge, students will have many opportunities to practice their critical thinking and communication skills. Students will also develop research skills that will be critical to their success in future humanities courses. Current events and field trips will be incorporated depending on course relevance.

**SOCIAL STUDIES 10 Course Code: MSS--10**

Social Studies 10 aims to develop students' critical and historical thinking skills through an examination of systems of government, environmental and economic challenges and 20th century Canadian history. Themes and topics

studied may include but are not limited to regional and international conflicts, historical and contemporary injustices, Canadian identity/ies, and global population and poverty. Throughout our study, students will develop their ability to

read, write, and think effectively within the various disciplines within Social Studies in order to provide a foundation for further study and life in Canadian Society. In addition, current events and field trips will be incorporated depending on course relevance.

### **SENIOR SOCIAL STUDIES ELECTIVES:**

*The following courses are available to ALL grade 11 and 12 students.*

#### **20<sup>th</sup> CENTURY WORLD HISTORY 12 Course Code: MWH--12**

History 12 is an elective course in which components of the course provide an overview of modern 20th century history and contemporary world issues from an international perspective. Using project based - historical inquiry students will reflect on the major events, concerns and development during this time period.

Selected topics may include: The Paris Peace Conferences, USSR, Interwar Period, World War II, Cold War, Civil Wars, Independence Movements, Revolutions, Human Rights and 21st Century Global Issues.

#### **ASIAN STUDIES 12 Course Code: MASIA12**

Asian Studies 12 is a broad survey course that examines the cultures, history, and geopolitics of those Asian countries selected for study; and the region's relationship with Canada and the wider world during the period from 1850 to the present. Course topics may include: how the breadth and diversity of Asia's physical and human resources contributed to the development of a distinct political, cultural, and economic region; how imperialism, colonialism, and resource disparity between neighbours have been reasons for regional conflicts and mass movements of peoples; how intertwined regional, national, and ethnic identities, shaped in part by geography and migration, exert significant political and cultural influence; and how Asia's rapid industrialization, urbanization, and economic growth, post-Second World War, have created continuing health and environmental challenges.

#### **BC FIRST PEOPLES 12 Course Code: MBCFP12**

*(This course also fulfils the Indigenous-focused course graduation requirement.)*

BC First Peoples highlights issues facing Indigenous peoples in BC, and connections with those across Canada and abroad. Topics of learning will include best practices for Indigenous scholarship, Indigenous cultural expressions, decolonizing history, resistance, resilience, and allyship. Student learning will follow Indigenous pedagogies and focus on self-reflection, inquiry, and experiential learning.

#### **HUMAN GEOGRAPHY 12 Course Code: MHGEO12**

Human geography is the study of how human societies have developed and operated in relation to their physical environment. Human activities alter landscapes in a variety of ways. Themes and topics studied may include but are not limited to demography, industrialization, geo-political organization, urbanization, climate change, and sustainability. Students will develop and use geographic inquiry processes and skills to better understand our globally connected world. In addition, current events and field trips will be incorporated depending on course relevance.

#### **LAW STUDIES 12 Course Code: MLST-12**

This survey course on Canadian law may include, but is not limited to, the following topics of study: legal philosophy and history; comparing the English common law and French (Quebec) civil law systems; international law; comparative law; public law (constitutional law, aboriginal treaty rights and s.35 jurisprudence, human rights legislation, Indigenous legal systems, and criminal law); and private law (torts, contract, property, wills and estate, and family law). Students will participate in a mock trial, learn how to make structured oral arguments when presented with a legal problem

through mootings, attend field trips to provincial and superior courts, and learn how law and equity principles are applied by courts through reading and briefing decisions.

**PHILOSOPHY 12 Course Code: MPHIL12**

Want to work on your critical thinking skills? This course will provide you with tools to navigate many puzzling questions and help you learn how to communicate more effectively. What is Philosophy? It is an exploration of questions for which we have no definitive answer; but using the tools of logic and reason, you will learn how to construct convincing arguments in attempts to form a response. We will cover methods of reasoning and argumentation, metaphysical theories about the nature of reality, epistemological theories about knowledge and truth, social and political philosophy, and theories of morality, ethics, and aesthetics (what is beauty?). Philosophy means “love of wisdom.” In this course, you will gain skills to investigate meaning and foster understanding of different ways of thinking. You will be guided in questioning your assumptions and examining your own beliefs in an effort to meet the age-old challenge to “Know Thyself”. We do a lot of idea exploration, small group sharing, class discussion and short writing assignments, among other activities.

**SOCIAL JUSTICE 12 Course Code: MSJ--12**

Social Justice 12 aims to develop students' understanding of justice in society, with a key focus being made of illuminating the inter-connected complex nature of justice issues. Themes and topics studied may include but are not limited to historical and contemporary injustices, individual-society relations, intersectional identity, and action-oriented approaches to combating injustice in society. Our final project involves activating our imagination in order to build a more just world. Throughout our study, students will develop and apply historical thinking concepts to better understand justice and serve our world in a more just way.

## **TECH EDUCATION**

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**Department Head: Ms. Leanne Tycho**

Leaving school job ready is a bonus, some of the courses taught in Tech Ed will do that for you. We have courses that link directly to Early entry post-secondary programs and BCIT and VCC. Our Digital Media and Drafting courses will give you program ready skills for programs at Emily Carr, UBC, BCIT, Langara and other schools.

Applied Design Skills and Technology represents a wide variety of courses from:

- Jewelry to Electronics,
- Media Art and Design to Engineering,
- Woodworking to Metalworking,
- Drafting to Robotics
- Everything in-between.

These courses allow you to explore in a HANDS-ON learning environment and gain important skills to enrich your learning in all areas of education. The aim of ADST is for all students to develop technological skills to prepare them for the everchanging world. To achieve this goal, you will learn how to design and create solutions to real world problems while you work safely with tools, machinery and equipment. ADST has become an essential component of every student’s comprehensive education.

# ENGINEERING

## TECHNOLOGY 9 (ADST – TECH ED GENERAL EXPLORATIONS 9) Course Code: MADGE09

Technology 9 is a HANDS-ON *Project Based* exploration of the many areas in Tech Ed. You will use TOOLS, MACHINES with the DESIGN PROCESS to complete specially designed challenges.



Challenges will require skills in:

- Engineering
- Metalworking
- Drafting
- Electronic Systems
- Media Design
- Digital Photography

Major Projects this year:

- Marble Roller Coaster
- Spaghetti Bridge

## ENGINEERING 10: TECHNOLOGY EXPLORATIONS 10 Course Code: MTEXP10

Engineering 10 is a further HANDS-ON *Project Based* exploration of Tech. Ed 9. You will use various TOOLS, MACHINES as well as the Design Process to complete specially designed challenges.

These challenges will require skills in:

- ⊗ Engineering,
- ⊗ Woodworking,
- ⊗ Metalworking,
- ⊗ Electronic Systems,



These challenges will require you to use your skills you already have and learn new ones. If you are planning to go into **ENGINEERING 11**, this course will be an asset.

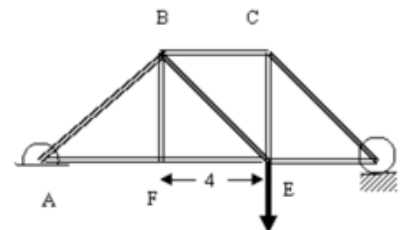
Designed with UBC, our **Engineering** is a 2-year program using *HANDS-ON* projects to introduce first-year **university** Engineering principles.

This year:

- You will explore the Engineering properties of Steel, Wood, Aluminum and Concrete.
- You will work hands-on testing these materials to their limits, the point of destruction.
- You will learn how to use the many machines and measuring devices
- You will understand how and why Engineers test materials and models.

Next year explores the properties of Fluids: Air, Water and Soil Permeability.

- You do not have to take both years as they are each self-contained.



**ENGINEERING 11/12 Course Code: MENR-11/MENR-12**

ONE BLOCK WILL BE OFFERED OFF-TIMETABLE

In this **Hands-On - Projects Based** course, you will be introduced to the various building materials used, tested, and explored by Engineers.

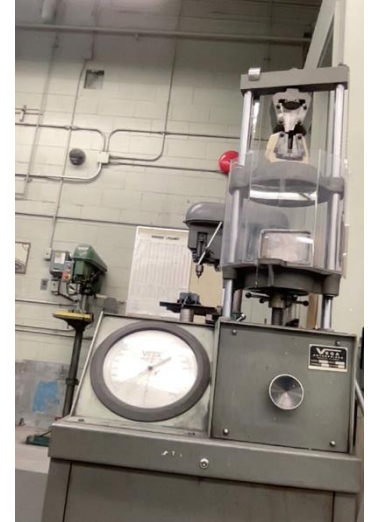
This year, we explore the properties of Steel, Wood, Aluminum & Concrete

Working hands-on designing and building.

- Learning how to use many machines and measuring devices.
- Understand the Methods of Joints in Truss calculations.
- Learn mechanical drafting with AutoCAD/FUSION 360

This year you will use the Design Process to design, build and test:

- ⊗ Prepare various samples for destructive testing
- ⊗ MIG and Oxy/Ace samples for destructive testing
- ⊗ Design and test your truss design in our pneumatic press



UBC Tour of both the Engineering and CAWP departments.

## **ANNUAL PRODUCTION**

**ANNUAL (YEARBOOK) PRODUCTION 10/11/12 Course Code: YCCT-0C/YCCT-1C/YCCT-2C**

Yearbook is a hands-on course where the students and teacher work closely together to produce Churchill Secondary's annual. Students will be given challenging real-world projects and assignments typical of the graphic design and publishing industries. High-quality work is expected, and students will be given opportunities to revise work until it meets the standards specified during instruction. Classroom activities will include reading, research, projects, and problem-solving. Students will often work in teams but will be expected to complete individual assignments in relation to the team's work.

Course Content

- Create and publish Churchill's annual yearbook
- Introduction to the DSLR
- Theory of Photography
- Introduction to Journalism
- Working with the Adobe Suite
- Introduction to Layout Design
- Photo Editing
- Elements and Principles of Art and Design
- Vocabulary to describe and critique projects
- Essential skills for teamwork
- Participating in all things Churchill
- \*Students who have taken Digital Photography, Graphics, Info Tech and Yearbook will be given first priority.

## **MEDIA ART AND DESIGN**



### **MEDIA ART AND DESIGN 10 (GRAPHIC ARTS) Course Code: MMEDD10**

*Open to students in Gr 9 (MADMA09)*

This course is an introduction to all aspects of Digital Art and Design. Using Adobe Suite as a platform, students will create dynamic digital portfolios. Through engaging and personalized projects, build fundamental skills with software such as, Adobe Photoshop, Illustrator and Indesign.

The Adobe Suite is the industry standard software in Graphic Design careers. Knowledge learned in this course is directly applicable to those students interested in pursuing careers in the computer arts and design areas.

Course content includes:

- Image Manipulation (Photoshop)
- Digital Illustration and Painting (Illustrator)
- Digital Animation (Photoshop)
- T-Shirt Design and Creation (Illustrator)
- Button Making (Indesign)
- Magazine Page Design (Indesign)
- Digital Photography (Lightroom)
- Communication Design (Adobe Suite)

### **MEDIA ART AND DESIGN 11 Course Code: MMEDD11**

Students will receive training in software and peripherals with which professional digital artists and designers must be familiar: Adobe Photoshop, Adobe Illustrator, and Adobe InDesign. Students will learn the design process, which can be applied in any field of post-secondary study. Any student considering an art and design career will find this course extremely valuable.

Software used in this course include:

- Adobe Photoshop, Illustrator, Indesign, Lightroom, Premiere Pro and Adobe Express software.

### **MEDIA ART AND DESIGN 12 Course Code: MMEDD12**

This course will provide students direction and assistance in creating well-rounded, dynamic portfolios. This course is strongly recommended for students applying for post-secondary institutions, or careers in Digital Art and Design. Students will have the ability to create clothing designs using the vinyl cutter and heat press process.

The Adobe suite is the industry standard software in Graphic Design careers. Knowledge learned in this course is directly applicable to students interested in pursuing careers in the computer arts and design areas.

Software used in this course:

- Adobe Photoshop, Illustrator, Indesign, Lightroom, Animate, and web design software.

# DRAFTING

A Project-Based course designed to encourage comprehensive learning. You will learn the latest AutoCAD version to complete a series of building assignments and many of your designs. Most projects have a component of individuality. You will explore careers within the realm of Drafting and Design and have post-Secondary ready skills in Architecture, Design or Engineering for:

- **UBC, Architecture, Landscape Architecture, and Urbanism**
- **BCIT, Architectural Sciences**
- **Langara, Architecture and Design**

## **DRAFTING 10 Course Code: MTDRF10**

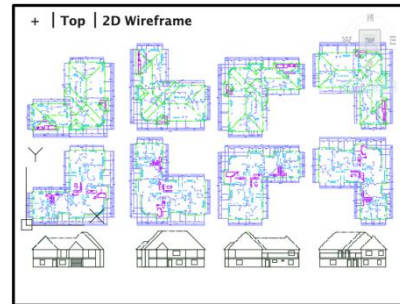
Drafting and Design 10 is designed to introduce you to DRAFTING AND DESIGN. If you have the desire to draw and design spaces, houses, and landscapes, this is the course for you. You will be using the top industry standard programs to bring your imagination come to life. You will receive a FREE copy of AutoCAD for home use.

Topics include:

- ⊗ Drafting Fundamentals
- ⊗ Design method
- ⊗ 2D and 3D drawing skills
- ⊗ AutoCAD
- ⊗ Model Making to Scale

A strong design component is also included, providing you with:

- ⊗ Model and Prototype construction experience
- ⊗ Design Portfolio Projects



## **DRAFTING Course Code: MTDRF11**

Drafting and Design 11 is designed to further develop your drafting and design skills. Using AutoCAD, you will learn further develop your knowledge of this industry-standard program. You will have FREE access to the Autodesk suite for home use.

Architectural:

- ⊗ Building structure
- ⊗ Complex Design
- ⊗ Wire and Solid Frame design
- ⊗ Create 3D views of houses



Engineering:

- ⊗ Understanding Engineered drawings
- ⊗ Creating 2D and 3D Engineered drawings.
- ⊗ Introduced to FUSION 360



Evaluation is ongoing throughout the year and based on drafting and design assignments.

## **DRAFTING Course Code: MTDRF12**

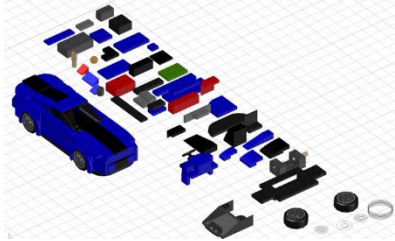
Drafting and Design 12 is an advanced course. This program is aimed at, but not limited to, the experienced student who has had a previous drafting course and want to refine and expand your Design and AutoCAD skill. You will receive a FREE copy of AutoCAD and FUSION 360 for home use.

Architectural:

- ⊗ Building structure
- ⊗ Complex exteriors Design
- ⊗ Wire and Solid Frame design
- ⊗ Create 3D houses on landscapes

Engineering:

- ⊗ Understanding Engineered drawing
- ⊗ Creating 2D and 3D Engineered drawings.
- ⊗ Design your own digital LEGO car
- ⊗ FUSION 360



Students may also consult with the teacher to arrange for a special program in a field related to drafting. This must be done early in the year. Assessment is an ongoing process based on completed projects. You will have post-Secondary ready skills in Architecture, Design or Engineering for UBC, BCIT, Langara, Kwantlen and more.

## **ELECTRONICS AND ROBOTICS**

**ELECTRONICS (& ROBOTICS) 9 & 10 Course Code: MADER09 & MTEAR10**

Establish a solid foundation in electronics.

<ul style="list-style-type: none"> <li>• Theoretical and practical engineering and science skills</li> <li>• Measure resistance and voltage values</li> </ul>	<ul style="list-style-type: none"> <li>• Breadboard a circuit.</li> <li>• Solder and test circuits</li> </ul>	<ul style="list-style-type: none"> <li>• Power tools</li> <li>• Safely skills</li> </ul>
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**ELECTRONICS 11 Course Code: MTELE11**

Investigate electronics in greater depth

- Theoretical and practical engineering and science skills
- Measure resistance and voltage values
- Breadboard a circuit.
- Solder and test circuits
- Power tools

**ELECTRONICS 12 Course Code: MTELE12**

Advance your knowledge of electronics.

- Theoretical and practical engineering and science skills
- Measure resistance and voltage values
- Breadboard a circuit.
- Solder and test circuits
- Power tools



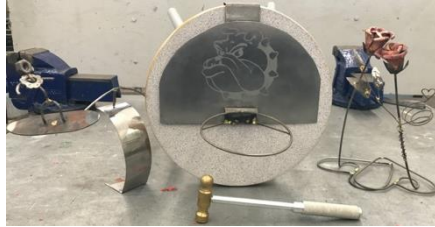
## METALWORK

Metalwork is a series of courses designed to develop hand skills and understand the safe operation of various machines and tools. You will complete a progression of projects to deepen your knowledge and confidence. Students who are interested in a [Career in Trades](#) are connected with a special VSB career counsellor and have to opportunity to enter into a Post-Secondary program early or with a reserved seat.

### **METAL WORKING 9 &10 Course Code: MADM-09SC1 and MTMET10**

This year you will use these MACHINES AND TOOLS to make all of your projects:

- ⊗ Metal Lathe
- ⊗ Plasma Cutter
- ⊗ Drill press
- ⊗ Horizontal bandsaw



- ⊗ Milling Machine
- ⊗ Sand Blasting
- ⊗ MIG Welding
- ⊗ Oxygen and Acetylene welding/brazing

You will learn how to safely and correctly use all the machines and tools through a variety of projects, such as the Balancing Surfer, The Copper Rose, the Basketball Hoop. These projects are open to each student's individual artistic expression.

### **METALWORK 11 Course Code: MTMET11**

There are 2 required projects to which you can modify the designs to meet your person artistic style. . These projects will develop your MIG Welding, Milling and Lathe skills.

- ⊗ The Brass and Aluminum Cannon
- ⊗ Steel Box

Your INDEPENDENT project is of your own design. You will combine various machining skills previously learned to build your project.

- Medieval Armoury – Shields, Helmets, Gauntlets and Chainmaille
- Furniture
- Sculptures

Career Paths through Post-Secondary and School Boards Trades [Career Programs](#) will be introduced. Early program entry into BCIT and VCC is available.

### **METALWORK 12 Course Code: MTMET12**

For students wanting to challenge and build their metalwork and design fabrication skills.

1 required project, then you will explore aspects of metal design to create large-scale projects such as furniture, chairs, shelves, sculpture, or several smaller projects.

TIG welding is introduced.

Assistance with portfolios, ACE-IT and Youth TRAIN in Trades programs for early acceptance into post-secondary programs at BCIT and VCC is available.



## **JEWELRY**

Do you want to be a surgeon or a dentist? Did you know that metalsmithing skills are very similar to the techniques used in these professions? Making this the perfect training ground for those highly competitive careers. Learn the art of working with small tools and materials. Start building confidence in your hand-to-eye dexterity right now, and the transferability of these skills will put you miles ahead of the competition later.



### **JEWELRY 9 (METALWORK) & JEWELRY ART & DESIGN 10 Course Code: MADM-09-JL, YIA--0A**

Jewellery/Art metal is a yearlong course that combines both artistic and technical knowledge. Students will be able to individualize each assignment to create original wearable jewellery art pieces. Activities/projects/topics may include a variety of jewellery making techniques including:

- Introduction to hand tools for wire working techniques
- Wire wrapping with polished stone/beads/bracelets, necklaces
- Chain making, chain mail
- Introduction to tools for cutting and fabrication of metal items
- Silversmith techniques for making rings, pendants, earrings, bracelets
- Annealing and soldering
- Various texture making techniques and rolling mill
- Traditional peyote stitch

Supplementary fees may apply for the extra/extraneous material: silver is not included.

### **JEWELRY 11 Course Code: YIA--1A**

Jewelry 11 is a yearlong project-based course that combines both artistic and technical knowledge. Students will be able to individualize each assignment to create original art pieces. Activities/projects/topics may be introductory or built on previous learning, continuing the use of jewelry making tools and techniques. These topics may include a variety of jewellery making techniques including:

- Introduction to tools for cutting and fabrication of plate metal items
- Silversmith of rings, pendants, earrings, bracelets
- Annealing and soldering
- Various texture making techniques and Rolling Mill
- Bezel Stone Setting

## WOODWORK

### ADST - WOODWORK 9 Course Code: MADW-09

This is an introductory course where you can develop hand and machine skills in Woodworking. This course will place an emphasis on fun, safety and quality. Woodwork offers opportunities to learn lifelong skills while making several interesting and worthwhile projects.

Some machines you will learn how to use:

- Jointer
- Planer
- Mitre Saw
- Table Saw
- Bandsaw



Projects include:

- Cutting Board
- Jewelry Box
- Stool
- Bowl



### ADST - WOODWORK 10 Course Code: MWWK-10

In this class, students are introduced to the finer points of hand tool and machine tool processes. Safety will be a strong focus. Students will be expected to Design and Build their own small projects provided they fit within the objectives and constraints of the course. Woodwork 10 offers an opportunity to develop valuable skills that will last a lifetime and provide a solid foundation for further studies in ADST.

Further exploration includes:

- Router
- Table Saw
- Joinery

Projects include:

- Wood Pen
- Serving Tray
- Tool Chest
- Self - Directed

### WOODWORKING 11 Course Code: MWWK-11

A further exploration into design and crafting of woodwork projects, building on the skills and methods used in Woodwork 10. The focus will be on designing for self or others, finding solutions to design problems and meeting the design needs of others and self. Exploration of different finishing types. Students will be expected to make a project of their own choosing. Careers in Woodworking and Carpentry will be explored as well as connections to Post-Secondary Institutions and VSB programs in this field.

- Advanced Teacher Led Project
- Introduction to Choosing a project
- Advanced Finishings and Fasteners



- Assembly of multi-part projects
- Choosing and applying a finish coating
- Lathe Turning



### WOODWORKING 12 Course Code: MWWK-12

A senior course for the motivated student. This course will build on fundamental skills learned in previous woodwork courses. Projects will be designed by the student with the teacher's approval. Students in this course should have taken interest in the finer points of woodworking. A student can focus on a certain aspect of Carpentry and Joinery and with

teacher approval, delve deeply into a related area of interest. Careers in Woodworking and Carpentry will be explored as well as connections to Post-Secondary Institutions and VSB programs in this field.

- Student Chosen and Designed Project
- Sketching and drawing with dimensions
- Material Layout
- Tool sharpening
- Wood Species Identification
- Expanded Machine and Tool Use

### **CONSTRUCTION (AND STAGECRAFT) 11 Course Code:**

A senior course for the motivated student interested in wood-framed construction and stagecraft. This course will teach the fundamentals of construction through building sets and props for the school's Dramatic Arts productions and classes. Projects will be designed to fit the needs of the drama, dance and **ONE ACTS**.

Students will learn introductory wood-framed construction including electrical wiring, drywall, painting and decorative design. Whether you are looking to build skills so you can do home repair, want to enter Vancouver's booming building industry or want to become a part of Vancouver's film and theatre production

### **CONSTRUCTION (AND STAGECRAFT) 12 Course Code:**

A senior course for the motivated student interested in wood-framed construction and stagecraft. This course will expand and go deeper into the fundamentals of construction through building sets and props for the school's Dramatic Arts productions and classes. Projects will be designed to fit the needs of the drama, dance and **ONE ACTS**.

Students will learn introductory wood-framed construction including electrical wiring, drywall, painting and decorative design. Whether you are looking to build skills so you can do home repair, want to enter Vancouver's booming building industry or want to become a part of Vancouver's film and theatre production

Students enrolled in this course will gain skills needed to enroll in:

- **BCIT** construction programs in the **School of Construction and the Environment**
  - Carpentry (Apprenticeship)
  - Carpentry Framing and Forming Foundation Certificate
  - Construction Safety Officer
  - Construction Management
  - BCIT Trades Programs
- **Capilano College's** Technical Theatre Diploma
- **Douglas College's** Stagecraft and Event Technology



### **Youth TRAIN in Trades Programs**

The Vancouver School Board offers district programs for students to pursue industry certification or the foundation level of a skilled trade program. These programs save time and money (free tuition) and offer a jump start for students in grade 11 or 12.

The benefits include:

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

*Sir Winston Churchill Secondary School 2025-2026 Course Selection Guide*

For more information and to download an application form, please visit the VSB Career Programs website – [careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca). The site includes links to Youth TRAIN in Trades information, a PDF brochure for each program, and the application package. For additional detailed information about more than 100 regulated skilled trades and endorsements, visit the Skilled Trades BC website – [skilledtradesbc.ca](http://skilledtradesbc.ca).

All students applying for Youth TRAIN in Trades programs should register at their home school with a full course load. The Career Programs team will work with schools to accommodate any necessary changes to a student's timetable if the student is accepted into a Youth TRAIN in Trades program.

Successful completion of a Youth TRAIN in Trades program will earn Level 1 technical training credit or a Certificate of Completion from Skilled Trades BC and leads to either a Red Seal endorsement or Certificate of Qualification in a specific skilled trade.

The following is a list of programs commonly available through Career Programs. Please contact Career Programs directly to determine if Career Programs can accommodate students interested in other trades.

Program	Training Program Institution	Graduation Credits Earned	Standard Class Schedule	Application Due	Program Start Month(s)
Aircraft Maintenance Engineer – M license	BCIT	16	Mon–Fri	March 1	August January
Auto Collision and Refinishing	VCC	32	Mon–Fri	March 1	September February
Auto Service Technician	Britannia	20	Mon–Fri, Semester 2	March 1	February
Baking and Pastry Arts	VCC	24	Mon–Thurs (afternoon/evening)	December 1	July
Carpentry	BCIT	20	Mon–Fri	March 1	July February
Cook	VCC	28	Mon–Thurs	March 1	various
Electrical	BCIT	24	Mon–Fri	March 1	August October February March
Hairdressing	VCC	48	Mon–Wed 8:00am – 6:00pm	March 1	September
Heavy Mechanical Trades	VCC	28	Mon–Thurs	March 1	various
Millwright	BCIT	20	Mon–Fri	March 1	September February
Motorcycle Technician	BCIT	20	Mon–Fri	March 1	September February
Metal Fabrication	BCIT	20	Mon–Fri	March 1	February
Painting & Decorating	Finishing Trades Institute of BC	4	Mon–Fri	March 1	June
Plumbing	Piping Industry College of BC	8	Mon–Fri	December 1	June

### **Youth WORK in Trades - Apprenticeship**

Students with the skills and connections can start an apprenticeship in high school. Students who are already working or interested in working in a skilled trade can formalize the apprenticeship relationship with their employer. While not all trades are a good fit for work to start without any formal training, several trades allow a student to start a 'Direct Entry' apprenticeship first and follow-up with formal training several months into the apprenticeship.

Students interested in a referral to a potential employer can contact Career Programs for support, construction safety training, and/or assistance with the apprenticeship process.

There are 4 courses (16 credits) available to students whose apprenticeship is registered with Skilled Trades BC by the school district. Enrollment in these courses is required, and coursework is delivered using the Brightspace (VLN) platform. Enrollment and registration are done in collaboration with Career Programs staff.

Information and application forms are available on the VSB Career Programs website at [careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca) → Our Programs → Youth WORK in Trades

### **Youth EXPLORE Trades Sampler – Tupper Tech**

Tupper Tech is an exploratory skilled trades program designed for Grade 12 students seeking a supported transition to full-time apprenticeship. Students in the program are introduced to several construction trades, provided with various forms of safety training, and employment readiness skills. This is a program for students who are seeking a more immediate pathway to start working in a skilled trade.

Students in the Tupper Tech program remain attached to their home school for the purpose of graduation but are enrolled in their classes at Sir Charles Tupper Secondary School. In addition to elective credits, students will be enrolled in CLC/Capstone 12 and English First Peoples 12.

For more information or to obtain an application, please visit the VSB Career Programs website. Students interested in applying for the program could benefit from contacting Mr. Joseph Hamilton, the teacher for the Tupper Tech program – [jphamilton@vsb.bc.ca](mailto:jphamilton@vsb.bc.ca) or 604-713-8233.

### **Dual Credit Programs**

These programs, in partnership with post-secondary institutions, provide the opportunity for students to get a head start on their certification programs. Students save money (tuition paid by VSB) and earn high school and post-secondary credits at the same time.

### **Early Childhood Educator**

This career path involves working with young children from birth to age five. Early Childhood Educators design and deliver educational programs to support children's learning and growth. This program can lead to further studies earning a diploma or bachelor's degree in ECE.

Training Program Institution – Langara College

Program length – 8 months

Graduation credits earned – 32

Application Due Date – March 1

Program Start Month – September

Additional information and application form can be found on the VSB Career Programs website at [careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca) → Our Programs → Early Childhood Educator

### **Healthcare Assistant**

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

Training Program Institution – Vancouver Community College  
Program length – 28 weeks (September to April)  
Graduation credits earned – 28  
Application Due Date – March 1  
Program Start Month – September

Additional information and application form can be found on the VSB Career Programs website at [careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca) → Our Programs → Healthcare Assistant

### **SCHOOL-BASED PROGRAMS**

#### ***IT and CISCO Networking Program – Killarney Secondary***

Students will diversify and enhance their computer knowledge by building a computer, installing software and connecting the computer to networks and to the internet. This hands-on program takes place in a computer lab space. Students can opt to complete industry-recognized certification exams during the program.

Program Length – Semester 2 of grade 12  
Graduation credits earned – 16 credits  
Application Due Date – March 1  
Program Start Month – February

Additional information and application form can be found on the VSB Career Programs website at [careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca) → Our Programs → CISCO

## **WORK EXPERIENCE**

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### **Teacher Contact - Ms. Wanda Yee**

This course is a two-year, 4 credit, off-timetable elective and does not interfere with regular course scheduling. Please speak with Ms. Yee in Room 317 if you would like more information about this course.

#### **WORK EXPERIENCE PROGRAM Course Code: MWEX-2A**

- Earn 4 credits toward high school graduation.
- *Students can sign up as early as the Spring of their **Grade 10 year ... see Ms. Yee in room 317.***
- Extensive in-school preparation and on-site work experience in a career area.
- For students who are interested in a particular career area and would like to explore the different career opportunities in that area.

Work Experience hours to be completed during Grade 11 and Grade 12.

Options to complete the requisite Work Experience hours on weekends/evenings/break from school are widely available.

#### **Benefits:**

- Development of skills and knowledge in a particular interest area.
- Gain insight into the world of work and practical work experience.
- Explore post-secondary programs related to career interest.
- Receive references and possible part-time or full-time employment
- Receive advanced placement / preferred entry / early admittance into certain post-secondary programs.
- Work placements assisted by school and the Vancouver School Board Career Programs staff.