



PRINCETON SECONDARY

SENIOR COURSE  
SELECTION GUIDE  
FOR  
2024-2025  
School Year



# COURSE SELECTION GUIDE

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High School – an important and exciting time of your life as you plan and pursue your goals. Choose courses that will give you a variety of learning experiences and that will open doors of opportunity for you beyond high school – in further education or the world of work.

When choosing your courses, consider:

- satisfying your graduation requirements
- the recommended entrance requirements to post-secondary programs: Trades, College, University
- areas of passion and interest you have

Please note that some senior level courses may be offered every other year and courses with low enrollment may be cancelled or offered in a different format. Discuss your plans with your parents and your teachers, and school counsellor to create a course list for your greatest success.

### **GRADUATION REQUIREMENTS (2023 GRAD PROGRAM)**

80 Credits are required in Grade 10 –12 (equivalent to 20 four credit courses) for graduation.

52 credits are required courses in these subject areas- Language Arts, Social Studies, Science, Math, Physical Health and Education, and Career Planning. See breakdown below.

1.	Language Arts 10—two 2 credit courses	<i>4 credits</i>
2.	Social Studies 10	<i>4 credits</i>
3.	Science 10	<i>4 credits</i>
4.	Mathematics 10	<i>4 credits</i>
5.	Physical and Health Education 10	<i>4 credits</i>
6.	Career Life Education 10	<i>4 credits</i>
7.	English First Peoples 11	<i>4 credits</i>
8.	Social Studies 11 or 12	<i>4 credits</i>
9.	Science 11 or 12	<i>4 credits</i>
10.	Mathematics 11 or 12	<i>4 credits</i>
11.	English 12	<i>4 credits</i>
12.	Career Life Connections and Capstone Project 12	<i>4 credits</i>
13.	Elective Courses	<i>28 credits</i>

A minimum of 16 credits (4 courses) must be earned at the grade 12 level. 8 of these credits will be fulfilled by the completion of English 12 and Career Life Connections & Capstone 12.

A minimum of 4 credits must be earned in Art Education and/or Applied Design Skills and Technologies

A minimum of 4 credits must be earned in Indigenous-Focused Course Work. English First Peoples 11 Meets this requirement.

### **REQUIRED ASSESSMENTS**

Grade 10 Numeracy Assessment

Grade 10 Literacy Assessment

Grade 12 Literacy Assessment

## **HUMANITIES**

### **ENGLISH LANGUAGE ARTS 10 (Required Course)**

You will pick Composition 10 (2 Credits) and an additional course listed below (2 Credits). Each one will be half a semester long and is worth two credits. The teacher will determine 2-credit courses will be offered; student input is always valued.

### **COMPOSITION 10 (MCMPS10)**

This course focuses primarily on improving writing skills. It will instruct students on how to improve grammar and spelling, how to write for different audiences, and how to construct a sound and reasoned argument. Students will apply their writing techniques in a variety of assignments.

### **CREATIVE WRITING 10 (MCTWR10)**

This course focuses on the creative aspects of writing. Students will learn how to fully develop their creative abilities and develop new understandings of stories and poetry. Students will examine existing stories to help them better understand how to improve their own.

### **LITERARY STUDIES 10 (MLTST10)**

This course focuses on literary analysis. Students will examine short stories, novels, poetry, and other forms of literature and learn to analyze and discuss the material. Students will apply their analytical skills in a variety of assignments.

### **NEW MEDIA 10 (MNMD-10)**

This course focuses on the inclusion of new forms of media into the standard English curriculum. Students will explore new formats for stories and different ways to present. Online videos, blogs, and social media apps will be explored as possible sources of literature and information. Digital citizenship will be explained and discussed as it becomes ever more integrated into society.

### **SPOKEN LANGUAGE 10 (MSPLG10)**

This course focuses on the verbal aspects of English. There will be speeches and debates, an exploration of how different sounds and performances can add emphasis to stories that are already impactful.

### **ENGLISH 11 FIRST PEOPLES (Required Course or Equivalent) (MEFP-11)**

In this course, students will examine First Peoples Literature and writing and recognize its importance in both understanding First Peoples' culture and history as well as in moving forward with Reconciliation. *This course will satisfy*

*the BC Graduation Requirement of 4 credits in Indigenous Focused Coursework and the Language Arts 11 Credit.*

### **ENGLISH 12 (Required Course) (MENST12)**

The required English Studies 12 course builds upon the skills developed in previous English courses and also focuses on effective communications, critical thinking, exploration of texts, self-reflection and understanding, and an understanding of what it means to be both a Canadian and global citizen.

### **SOCIAL STUDIES 10 (Required Course) (MSS- -10)**

Social Studies 10 will examine the period of 1919-Present Day with a focus on development, structure, and function of Canadian Government, including First Peoples governance; political and economic ideologies and the development of Public policy; changing conceptions of identity in Canada; Canadian autonomy; domestic conflict and cooperation; discriminatory policies and injustices in Canada; international conflicts and cooperation; human-environment interaction; economic development and Canada's role in a global economy; and truth and reconciliation in Canada. Students will use inquiry skills to ask questions and research answers, analyze ideas, and communicate findings and decisions; all at a level that builds upon the skills of the previous course.

### **EXPLORATIONS IN SOCIAL STUDIES 11(MEPSS11)**

Social Studies 11 is now designed to show off the many possible courses that can be taken at the grade 11-12 level under the Social Studies umbrella. Students will learn little bits from such courses as 20<sup>th</sup> Century World History, Genocide Studies, Asian Studies 1850 – Present, Contemporary Indigenous Studies, BC First Peoples, Urban Studies, Law Studies, Economic Studies, Philosophy, Comparative Cultures, Human Geography, Social Justice, and Political Studies. Often times, the Big Ideas from these courses will overlap, demonstrating the inter-connectedness of the world of Social Studies. *This course will satisfy the BC Graduation Requirements of 4 credits in Social Studies 11 or 12 course work.*

### **LAW 12 (MLST-12)**

This course acts as a general knowledge course dealing with a variety of topics concerning aspects of Canadian Law. The course content deals with such topics as the History of the Law, Rights and Freedoms, Family Law, Criminal Law, Criminal Code, Illegal Drug Use, Drinking and Driving, Arrest to Sentencing Procedures, Trial Procedures, Sentencing to Release, Civil Law, Real Estate and Contract Law. Students will be required to participate in a criminal and civil mock trial and prepare to debate current legal issues. *This course will satisfy the BC Graduation Requirements of 4 credits in Social Studies 11 or 12 course work.*

### **SOCIAL JUSTICE 12 (MSJ- -12)**

This course is designed to raise awareness about social injustice in the world, and to provide students with the knowledge and tools to help them analyze and provide solutions of social injustice. Possible topics of discussion include homophobia, racism, issues associated with gender, media awareness, and issues surrounding modern warfare and environmental problems. This course will be fitting for those students who keep an open mind and value progression and diversity. *This course will satisfy the BC Graduation Requirements of 4 credits in Social Studies 11 or 12 course work.*

### **20<sup>th</sup> CENTURY WORLD HISTORY (MWH- -12)**

Students will study the theories and events of the twentieth century from 1919-1991. The course will include units on World War I, the Russian Revolution, the Inter-War Years, and World War II. In the period after 1945 students will study the Cold War in Berlin, China, Korea, Vietnam, and the Middle East. *This course will satisfy the BC Graduation Requirements of 4 credits in Social Studies 11 or 12 course work.*

## **SCIENCE COURSES**

*All Grade 11 and 12 courses listed satisfy the BC Graduation Requirements of 4 credits in Science 11 or 12 course work.*

### **SCIENCE 10 (Required course) (MSC- -10)**

Science 10 is a course that is designed to build and connect the understanding of science in the context of daily life as well as to introduce the disciplines of science that might be studied in senior courses. During the 2 terms the disciplines covered are: Genetics, Chemistry, Physics and Astronomy. Students will

gain practical scientific skills and knowledge and develop positive science attitudes, as well, they leave this course with a greater appreciation for the importance and relevance of science in their lives and develop a stronger personal interest in science.

### **EARTH SCIENCE 11 (MESC-11)**

This course examines the Earth and its place in the universe. Topics include a study of 1. Atmospheric Science: atmosphere, weather and climate. 2. Oceanographic Science: ocean basins and currents. 3. Astronomical Science: volcanoes, earthquakes, earth materials, Earth's history, plate tectonics and our solar system. Some lab work is required, but this course does not require highly specialized math skills.

### **LIFE SCIENCES 11 (MLFSC11)**

Life Sciences 11 is suited for students that have a strong interest in science or require a specific background in Biological Sciences. This course introduces students to the wide diversity of life and considers how varied organisms are related. Students will closely examine adaptation and evolution, microbiology, botany (plant biology) and zoology (animal biology). Students will have the opportunity to dissect a variety of organisms.

### **CHEMISTRY 11 (MCH- -11)**

Chemistry is the study of different types of matter and their interactions with each other. Chemical Reactions, Composition of the Atom, Bonding, Chemical Solutions and Organic Chemistry are some of the topics covered. A strong background in Mathematics is helpful because much of the classroom work involves calculations. Approximately 20% of class time will be devoted to laboratory experiments. *This course meets grade 11 science requirements.*

### **PHYSICS 11 (MPH - -11)**

Physics 11 focuses on "how things work" and is intended for students who have a strong interest in Physics or need a background in the physical sciences to support future career plans (i.e. electrician, engineer, mechanic). Physics 11 introduces: kinematics, dynamics, energy, waves and electric circuits. Approximately 20% of the course grade is determined from the evaluation of laboratory work.

### **PHYSICS 12 (MPH- - 12)**

Physics 12 is intended for students who have a strong interest in Physics or need a background in the physical sciences to support future career plans (i.e. electrician, engineer, mechanic). Physics 12 extends students' understanding of kinematics, dynamics, momentum, and energy. Topics covered may also include optional modules on equilibrium, electromagnetism, or circular motion. *Physics 12 is offered every second year at PSS; during the 2024-2025 and 2026-2027 school years.*

### **ANATOMY AND PHYSIOLOGY 12 (MATPH12)**

Anatomy and Physiology is suited to students that are interested in the human body or require a specific background in the Biological Sciences. In this course, students will study cellular biology, which examines cell structure and function, as well as the major categories of biomolecules. They will learn about DNA replication, protein synthesis, and examine current explanations for diseases such as cancer. Students will focus on human biology as they study the digestive, respiratory, circulatory, excretory, nervous, and reproductive systems. Students will explore the various systems by completing various dissections. By the end of this course, students will develop an appreciation for the complex interrelationships that exist between the various parts of the human body.

## **MATHEMATIC COURSES**

*Grade 10- choose 1 to satisfy the required Math 10 component of the BC Graduation Program.*

*Grade 11/12- choose at minimum 1 to satisfy the required Math 11/12 component of the BC Graduation Program.*

### **WORKPLACE MATH 10 (MWPM-10)**

This course is designed to provide students with the mathematical thinking skills required by trades and apprenticeship programs or for direct entry into the workplace. Students practice and develop their reasoning, communication and problem-solving skills while increasing their understanding of math concepts. Topics include- Measurement, Graphing, Game Strategy, Trigonometry, Probability and Finance.

### **WORKPLACE MATH 11 (MWPM-11)**

This course is a continuation of Apprenticeship and Workplace Math 10. This pathway is specifically designed to provide students with mathematical understanding and critical thinking skills identified for entry into the majority of trades at the post-secondary level and for direct entry into the work force. Topics include Financial Services, Personal Budgets, Graphical Representations, Surface Area, Volume and Capacity, Scale Representations, Trigonometry, Scope, and Rule of Change. A scientific calculator is required for this course.

### **FOUNDATIONS OF MATHEMATICS & PRECALCULUS 10 (COMMON MATHEMATICS 10) (MFMP-10)**

This is an academic course designed to provide students with the mathematical thinking skills required by post-secondary institutions. Students practice and develop their reasoning, communication and problem-solving skills while increasing their understanding of math concepts. Topics include Exponents, Graphing, Linear equations, Polynomials, Trigonometry, Probability and Finance.

### **FOUNDATIONS OF MATHEMATICS 11 (MFOM-11)**

Foundations of Mathematics 11 is an academic mathematics course for students who are considering college or university after high school. Topics include Geometry, Statistics, Inequalities and Quadratics. Students are expected to own or rent a T1-83 plus or T1-84 plus graphing calculator.

### **FOUNDATIONS OF MATH 12 (MFOM-12)**

This course is for students who are going into a university program that does not require Calculus. This course may or may not be required depending on the school and program being considered. Topics include financial math, set theory and logic, permutations and combinations, probability, polynomial functions, exponential functions and sinusoidal functions. Students are expected to own or rent a graphing calculator. *Recommended Foundations 11.*

### **PRE-CALCULUS 11 (MPREC11)**

Pre-Calculus 11 is an academic mathematics course. Students who require Calculus for college or university entrance and/or those students who enjoy algebra should consider this course. Topics include Radicals, Trigonometry, Rational equations, Quadratic equations, and Sequences. Students are expected to own or rent a T1-83 plus or T1-84 plus graphing calculator.

### **PRE-CALCULUS 12 (MPREC12)**

This course is for students who have had little difficulty with Pre-Calculus 11. Pre-Calculus is required for students planning on entering a field that requires Calculus (i.e. Engineering, Sciences, mathematics, and some Business programs.) Topics include function transformations, trigonometry, logarithms, functions and equations. Students are expected to own or rent a graphing calculator.

### **CALCULUS 12 (MCALC12)**

This course is designed to serve as a bridge to the calculus courses required in first year university. Content will include units on differentiation and integration and applications of each. Students who plan on registering in a university or college math course are strongly recommended to take this course. *Recommended Pre-Calculus 11 and 12.*

## **SECOND LANGUAGES**

### **FRENCH 10 (FRANCAIS 10) (MFR- -10)**

French 10 is a course which is designed to continue to develop students' abilities to communicate in the French language by taking a communicative and experiential approach. Through listening, viewing, engaging in conversations, and storytelling students will explore French vocabulary, grammar, and Francophone cultures with a focus on Francophone Canadians. Students will continue to learn about various verb tenses, types of questions, personal means of expression, idiomatic expressions, and the ethics of cultural appropriation. A variety of activities will be prepared and conducted in French and supported by grammar and vocabulary lessons, in-class notes and activities, group projects, and oral presentation.

### **FRENCH 11 (FRANCAIS 11) (MFR- -11)**

French 11 is a course which is designed to continue to develop students' abilities to communicate in the French language by taking a communicative and experiential approach. Students will apply their learning in order to explore a variety of texts; identify perspectives in texts; respond from a personal point of view; explore regional variations in French and Francophone cultural expression; and engage in experiences with Francophone communities and people. Vocabulary and grammatical content will include questions, sequences of events, predictions and opinions, language etiquette, idiomatic expression, and cultural appropriation. A variety of activities will be prepared and conducted in French and supported by grammar and vocabulary lessons, in class notes and activities, group projects, and oral presentations. *Considered a second-*

*language 11 credit from some post-secondary entrance requirements.*

### **FRENCH 12 (FRANCAIS 12) (MFR- -12)**

French 12 is a course that allows students to develop a mastery of the French language, making it possible to explore future possibilities such as employment, continued studies at the post-secondary level, and travel. Students will explore in depth texts connected to the human experience as well as develop the ability to carefully edit their own work while keeping an intended audience in mind. A variety of avenues will be taken to explore French as a second language: reading, writing, speaking, and listening. Students will also continue to learn about Francophone cultures as well as First Peoples and their connections via storytelling, oral tradition, and symbolism. A variety of activities will be prepared and conducted in French and supported by grammar and vocabulary lessons, in-class notes and activities, group projects, and oral presentations.

## **CAREER LIFE**

### **CAREER LIFE EDUCATION 10 (Required Course) (MCLE-10)**

Career Life Education is a required course for graduation and a prerequisite to Career Connections and the Capstone Project courses. Career Life Education will have students explore three major concepts. Key topics include:

- Personal Development
- Connections to Community
- Career Life Planning

These concepts will cover financial planning, goal setting, work-place safety, employability skills, and examining labor market trends.

### **CAREER LIFE CONNECTIONS 12 (Required Course) (MCLC-12)**

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



## **FINE ARTS**

*All courses listed here satisfy 4 credits of Art Education and/or Applied Design Skills and Technologies requirement*

### **ART STUDIO 10 (MVA10)**

This course provides an opportunity for continued exploration and experience in a variety of two-dimensional and three-dimensional media. Students will be engaged in the development of skills and knowledge related to personal image creation, selected techniques, and historical art cultures. All assignments are focused on the development and implementation of techniques, detail, and diligence applied to each artwork. The development of a portfolio will be a component of this course.

### **ART STUDIO 11 (MVA11)**

Students will be engaged in creating with, and responding to, a wide range of 2D and 3D art processes selected from drawing, painting, ceramics, sculpture, and graphic design. Within each area, they will explore image development and design strategies, the elements and principles of design, technical skill development and context(s). All assignments are focused on the development and implementation of techniques, detail, and diligence applied to each artwork. The development of a portfolio will be a component of this course.

### **ART STUDIO 12 (MVA12)**

Building upon Art 11 content, students work at an advanced level with a range of 2D and 3D Art processes. Emphasis is on an increase in their level of sophistication, complexity and independence as students further develop technical competence in the selection and use of a variety of materials and processes, the purposeful manipulation of the elements of design, and the development of personal imagery. Students will document and evaluate their creative process and products and will continue to explore a range of visual art mediums. The development of a portfolio will be a component of this course.

### **DRAMA 10 (MDRM-10)**

Drama 10 is an in-depth creative drama course. It will develop in depth the student's ability to improvise, and role play as well as their skills of cooperation, concentration, sensory, memory and body control. Areas of mime, theatre games, script interpretation development and presentation will be explored.

### **DRAMA 11 (MDRM-11) AND DRAMA 12 (MDRM-12)**

This class develops drama skills and adds working on voice and stagecraft. Emphasis is on complex improvisational and role-play techniques. The student will learn formal acting techniques and become familiar with portraying scripted scenes. Theatre history will also be explored.

### **INTRODUCTORY BAND/ INSTRUMENTAL MUSIC**

Students who have not played a band instrument are mentored by advanced students until they are ready to perform with the group.

### **BAND 10 (MMUCB10)**

### **BAND 11 (MIMCB11)**

### **BAND 12 (MIMCB12)**

Through rehearsal, both in and out of class, students enrolled in the band program will establish and refine musical skills with a brass, woodwind, or percussion instrument of their choice. Strong emphasis will be placed on the reading of musical scores and the development of musical skills. Students should be prepared to devote substantial amounts of time to practice and to attend concerts. Band classes are typically held after school and are off the timetable.

## **APPLIED DESIGN, SKILLS & TECHNOLOGY (ADST)**

*All courses listed here satisfy 4 credits of Art Education and/or Applied Design Skills and Technologies requirement*

### **ADST - CULINARY ARTS 10 (MCUL-0A)**

This course is designed to ignite passion for the culinary arts! Students will push the limits of their creativity in an inspiring environment and launch themselves into a world where art meets food! While simultaneously learning basic methods of cooking, baking and sanitation, students will have opportunities to prototype their own new recipes, compete in baking and cooking challenges, participate in food festivals, prepare international dishes, and participate in building spirit and community within our school and broader community through food! This course is designed to inspire a passion for exquisite cooking and baking at home, while also assisting aspiring future bakers and chefs to develop skills that they will carry with them to post-secondary institutions.

### **ADST - CULINARY ARTS 11/12 11 (MCUL-1A), 12 (MCUL-2A)**

This course is designed to ignite passion for the culinary arts! Students will push the limits of their creativity in an inspiring environment and launch themselves into a world where art meets food! While simultaneously learning basic methods of cooking, baking and sanitation, students will have opportunities to prototype their own new recipes, compete in baking and cooking challenges, participate in food festivals, prepare international dishes, and participate in building spirit and community within our school and broader community through food! This course is designed to inspire a passion for exquisite cooking and baking at home, while also assisting aspiring future bakers and chefs to develop skills that they will carry with them to post-secondary institutions.

### **ADST - FOODS STUDIES 10 (MFOOD10)**

Foods Studies 10 provides students with an opportunity to gain fundamental culinary knowledge and skills while preparing and serving food in a real-world setting. Students will work collaboratively with others both in the back of house and front of house daily to prepare a wide variety of homemade soups, side dishes, entrées and desserts while learning best practice cooking methods and strategies. In addition, students will learn about and employ current industry standards for health and sanitation. Knowledge and experience gained through Food Studies 10 will be an asset for any students planning on applying for work in the food service industry or wishing to develop their skills as a great home cook and baker!

### **ADST - FOOD STUDIES 11/12 11-(MFOOD11) 12-(MFOOD12)**

Food Studies 12 is a continuation of Food Studies 11. Students will further develop their culinary confidence and skills as they work collaboratively with others both in the back of house and front of house daily to prepare a wide variety of homemade soups, side dishes, entrées and desserts while learning best practice cooking methods and strategies. In addition, students will learn and employ current industry standards for health and sanitation. Students will build on the cooking and baking skills they have developed in Food Studies 11, assume leadership roles in the kitchen, and have the opportunity for prototyping, creating their own original recipes, and adapting current recipes.

### **ADST - WOODWORK 10 (MWWK-10)**

This course will cover joinery technology developed by hand operations and machines. Design elements will be explored as they relate to construction techniques and period furniture.

Individual projects will be assigned depending upon each student's experience and ability. *Note: Fees as per materials used over and above course requirements.*

### **WOODWORK 11 (MWWK-11)**

Woodwork 11 is both an introductory course for those with little, or no, construction experience, (Gr.11 entry) and an advanced course for those with experience in Woodworking (Completion of WW 9/10) and Drafting. Individual projects will be assigned depending upon each student's experience and ability. *Note: Fees as per materials used over and above course requirements.*

### **WOODWORK 12 (MWWK-12)**

Woodwork 12 is a continuation of CJ11 with an emphasis on individual work, good shop attitudes, and mature work habits. Projects will be of an individual nature; however, time may be allocated for a mass production project. Students will also be required to perform basic shop maintenance throughout the year. *Note: Fees as per material used over and above course requirements.*

### **ADST - DRAFTING 10 (MTDRF10)**

Drafting 10 is designed as both an introductory and advanced course. Topics covered will involve Geometric Shapes, Pictorial Drawings, Orthographic Projections, Intersections, Developments and Fasteners. Students will be using a mixture of board drafting and Computer-aided design (CAD) to enhance skills. Students majoring in Industrial Education are strongly advised to take this course.

### **DRAFTING & DESIGN 11 (MDDF-11)**

Drafting 11 is designed as an advanced course. Topics covered will involve Geometric shapes, pictorial Drawing, Orthographic Projections, Intersections, and Developments. CNC design and application will also be taught along with other practical means to allow students to see their own creation come to life.

### **DRAFTING & DESIGN 12 (MDDF-12)**

Drafting 12 is an advanced course that builds on the concepts introduced in Drafting 11. Major projects will involve architectural and mechanical drawings. Students should be self-motivated and able to work independently.

### **ADST - METALWORK 10 (MTMET10)**

Introduction to machine tools and metal working techniques will be presented through this practical "hands on" course. Metalwork 10 is designed to provide the opportunity to introduce and increase skill levels in the operation of machine

tools such as: the forge, furnace, lathe, milling machine, computer numerical control, drill press, grinders as well as arc and gas welding. There will be mandatory and optional projects. *Note : A fee is charged for materials used over and above course requirements.*

### **METAL FABRICATION / MACHINING 11 (MMFM-11)**

This course is both an introductory course for beginners and an advanced course for students with experience in metalwork. Projects selected will be determined by experience. Areas covered may include Forge and Foundry, Welding (Gas, Arc, Mig), Spin Cast Jewelry, sheet metal, and machine shop skills and computer numerical control. *Note: A fee is charged for materials used over and above course requirements.*

### **METAL FABRICATION / MACHINING 12 (MMFM-12)**

This is an advanced course for students with experience in metalwork. Projects selected will be determined by experience. Areas covered may include advanced study in Forge and Foundry. Welding (Gas, Arc, Mig), Spin Cast Jewelry, Sheet Metal, and machine shop skills, computer numerical control. *Note: A fee is charged for materials used over and above course requirements.*

### **ADST - POWER TECH 10 (MTPOW10)**

In this course students will look at power sources, theory of carburetion, theory of ignition system and look at basic engine parts in detail. Students will work on 4-stroke and 2-stroke air cooled engines as well as building a small electronic project. Emphasis will be on safety and employability skills.

### **AUTOMOTIVE TECHNOLOGY 11 (MTAUT11)**

This course is a detailed study of the use and the safe application of tools and equipment used in automotive repair. Mechanics 11 will also include detailed study of Engine systems, Cooling, Lubrication, Fuel, Exhaust, and Electronic Systems. Concepts learned will be applied to real automotive situations. Students will be expected to have a good shop attitude with strong emphasis on work habits and safety.

### **AUTOMOTIVE TECHNOLOGY 12 (MTAUT12)**

This course is an in-depth look at Brakes, Ignition, Power Transmission, and Emission Systems including a comprehensive study of Engine overhaul Techniques. Concepts learned will be applied to real automotive situations. Students will be expected to demonstrate good shop attitudes with strong emphasis on safety.

## **TECHNOLOGY & COMPUTER BASED COURSES**

### **MEDIA ARTS 10 (MVAM-10)**

Media Arts 10 is a course that will allow students the opportunity to develop technical competence, presentation application skills, and knowledge of the visual culture associated with Media Arts technologies. During this course, students will be given the opportunity to work with a variety of computer programs as they add to their artistic skill base. They will also learn about the creative artistic process, and that growth as a media artist requires organization, time patience, and reflection. As students learn about sharing traditions, perspectives, world views, and stories, their projects may involve: digital photo manipulation, film and video, animation, graphic design, computer applications (such as Adobe Creative Cloud programs), and traditional media.

### **MEDIA ARTS 11 (FINE ARTS) (MVAMT11)**

Media Arts 11 is a course that will allow students the opportunity to continue to develop technical competence, presentation applications skills, and knowledge of the visual culture associated with Media Arts technologies. During this course, students will explore how Media Arts reflect the interconnectedness of the individual, community, history, and society. In exploring how Media Arts technologies can creatively represent self, identity, and culture, students' projects may include: digital photo manipulation, film and video, animation, graphic design, computer applications (such as Adobe Creative Cloud programs), and traditional media. Students will begin to develop a body of work for individual digital portfolios and for projects with a specific audience in mind. This course is recommended for students considering future studies in animation, video production, character design, game concept development, and digital photography.

### **MEDIA ARTS 12 (FINE ARTS) (MVAMT12)**

This course will allow students the opportunity to continue to develop and to refine their technical competence, presentation application skills, and knowledge of the visual culture associated with Media Arts technologies. During this course, students will explore how Media Arts are an essential element of culture and reveal insights into the human experience. Projects will be created with a specific audience in mind to create aesthetic experiences. Units covered could involve digital photo manipulation, animation, film and video, graphic design, computer applications (such as Adobe Creative Cloud programs), and the use of traditional media. Students will create individual portfolios of their work which showcase their abilities in a variety of these areas.

### **YEARBOOK JOURNALISM 11 (BAA) (YCCT-1AYB1)**

This course intended to give students an opportunity to create a school yearbook. Students will learn about Graphic Design, digital photography, planning page layouts, and editing images using Adobe Photoshop. Students will also be involved in yearbook sales and advertising, as well as creating a year-end slideshow collaboratively as a team. Grades are determined on the basis of learning the software and completion of specific pages according to predetermined and strict publisher deadlines.

### **YEARBOOK JOURNALISM 12 (BAA) (YCCT-2A)**

This course is available to those students who have completed Yearbook 11 or with teacher approval. Students enrolled in this course would be expected to have a strong knowledge base of Graphic Design, digital photography, planning page layouts, and editing images using Adobe Photoshop. They would also be expected to take on a leadership role and have the responsibility of being an editor for the yearbook.

### **PHOTOGRAPHY 11 (MVAPH11)**

This course provides an introduction to, digital photography (the computer lab is our darkroom) and includes technical and creative components. Camera safety, parts and functions, Photography terms and conventions, as well as historical movements will be studied. This course will encourage students to explore contexts, genres, and society while discovering their own expressive possibilities through experimentation.

### **PHOTOGRAPHY 12 (MVAPH12)**

This course builds on Photography 11. Students will study developments in photography, understand and apply the elements and principles of design in photographic production and digital photography, develop a portfolio of personal work and explore career options. Image creation and critique while considering context and society are important components of this course. Creating a body of work comprised of images which together contribute to meaning (in a series) is also an important consideration at this level.

## **PHYSICAL ACTIVITY COURSES**

### **PHYSICAL & HEALTH EDUCATION 10 (Required Course) (MPHED10)**

In this course students will be expected to learn and develop their skills in a variety of athletic activities and learn about the health benefits of physical activity. Students will learn about the consequences of health-related decisions regarding eating, sleeping, and technological habits. Students will learn about the consequences of and how to protect themselves from bullying and discrimination. Students will also receive information on healthy sexual decision making and learn about some common mental health issues.

### **ACTIVE LIVING 11 (MACLV11) & ACTIVE LIVING 12 (MACLV12)**

In this course, students will participate in daily physical activity, improve physical literacy, understand the importance of safety and injury prevention, reflect and respond to motivational factors, and observe and analyze the impact nutrition has on physical performance. Students will participate in 8 Active Units, complete a Inquiry Project, and work on a Active Living Plan. Students should expect to be physically active 5 hours per week and must come to class prepared with appropriate gym attire including shoes and active wear separate from their school attire.

**PEAK PERFORMANCE: MERGING OUTDOOR SKILLS AND FITNESS PRINCIPLES MODED11) (MODED12); (MFTCD11), (MFTCD12)**

Experience the year-long fusion of Outdoor Education 11/12 and Fitness and Conditioning 11/12 in a comprehensive course designed to unlock the synergies between nature-based activities and personal fitness. Through a series of outdoor experiences (hiking, biking, snowshoeing, canoeing, camping), students will not only develop crucial skills in a dynamic environment but also foster teamwork and communication. Simultaneously, they will immerse themselves in the natural world, gaining profound insights into the interplay between the environment and individual well-being. Complementing these outdoor adventures, students will delve into fitness and conditioning principles, understanding how various activities at different intensity levels contribute to maintaining or enhancing personal fitness. This integrated approach spans the entire academic year, offering students the opportunity to earn credit for both the outdoor Education 11/12 and Fitness and Conditioning 11/12 courses (8 credits). By the end of the program participants will not only have a heightened appreciation for outdoor engagement but also be equipped with the knowledge and tools to make informed decisions about their health, blending physical activity and a profound connection with nature.

**INNOVATIVE LEARNING**

**DISTANCE ED COURSES**

Additional courses may be provided through Distance Education or in conjunction with other schools using technology depending on demand; or in class depending on student demand. The following descriptions are examples. A full course menu is available from the school counsellor, or you can explore all the options at [learnnowbc.ca](http://learnnowbc.ca). Students that are interested in DL courses should be motivated to complete coursework during a work block or independently on their own time. District DL School: [SCIDES.org](http://SCIDES.org)

**INDEPENDENT DIRECTED STUDIES 10, 11, 12 (10-MIDS-0A) (11-MIDS-1A) (12-MIDS-2A)**

Independent Directed Studies (IDS) is a program that allows students to design their own course, in an area of interest or personal passion. Working with our teachers, their peers and a mentor, each student creates and carries out an individualized learning project over the course of a semester. Coaching in any sport could be a candidate for an IDS course. IDS is not limited to sport. Courses could be designed for textiles, dance,

computer animation, horseback riding, photography, computer programming or any other interests our students might have. As long as we can find one learning outcome from a Ministry approved course that fits, and a mentor to share their expertise, we can pursue the possibility of designing a course. Students will work on the course here at PSS as well as in the community with their mentor. Students who have an interest or passion that they want to pursue and are capable of independent work should choose this course. Students interested in IDS should connect with Mr. Lawrence or Mrs. Hillman

**TEACHER ASSISTANT 11/12 (YIPS-1A-TA) (YIPS-2A-TA)**

Students who have skill and passion for a particular subject area can apply to be a teachers' assistant in that subject area. Suitable for people who want to help others attain a passion and skill for a subject. Also suitable for those thinking about entering the field of education. Students interested in becoming a Teacher Assistant, please see the school counsellor for an application form. The student is responsible for filling out the form, speaking with the desired teacher and returning the form to the school counsellor.

**YOUTH WORK IN TRADES (11-MWRK-1A)(12-MWRK-2A)**

This program allows you to begin an apprenticeship while still in school. You may begin this program in grades 11 & 12. You should take a career prep program to suit your apprenticeship and you will need 480 hours of PAID work experience. Graduation from high school and the work experience will satisfy the first-year requirements for an apprenticeship. You will receive up to 16 credits. For more information, please see the Work Experience coordinator.



## **WORK EXPERIENCE 12 (MWEX-2A)**

### 100 Hours of Work Experience

The Career Prep Work Experience is a required course for all Career Prep Programs but is not required for graduation.

However, several Post-Secondary Training Institutions give preferential treatment to Career Prep Work Experience students.

Here are some examples:

1. CP Trades, Transport and Equipment Operations
2. CP Business, Finance and Administration
3. CP Health Occupations
4. CP Natural and Applied Science
5. CP Occupations in Art, Culture, Recreation and Sport
6. CP Primary Industry
7. CP Sales and Service
8. CP Social Science, Education, Government Services and Religion

If you want to enroll in one of these CP programs, you will complete 100 hours of work experience. Retroactive hours may not be used. Students are encouraged to find their own placement within the community after meeting with the work experience coordinator.