

**PRINCETON SECONDARY  
SCHOOL**

# **Senior Course Selection Guide**

Inside:  
Graduation Requirements for current Grade 10, 11,  
&12 students  
Course listings for grades 10, 11, &12  
Updated February 2018

# 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.

In choosing your courses, consider

- satisfying your graduation requirements
- the recommended entrance standards for college and university
- any specific entrance requirements for your anticipated post secondary programs

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 to create a course list for your greatest success.

## **GRADUATION REQUIREMENTS (2018 Grad Program)**

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

(52 credits are required courses, including:)

1. Language Arts 10	4 credits
2. Social Studies 10	4 credits
3. Science 10	4 credits
4. Mathematics 10	4 credits
5. Physical and Health Education 10	4 credits
6. Career Life Education (or Planning 10 if completed prior to 2018-2019)	4 credits
7. Language Arts 11	4 credits
8. Social Studies 11 or 12	4 credits
9. Science 11 or 12	4 credits
10. Mathematics 11 or 12	4 credits
11. Art Education and/or ADST	4 credits
12. Language Arts 12	4 credits
13. Career Life Connections and Capstone Project*	4 credits
Elective Courses	28 credits

( Minimum of 16 credits at the Grade 12 level)

Grade 12 Language Arts has a required provincial exam worth 40% for 2018-2019

\*as of 2019-2020. Grad Transitions a requirement for Grads 2019.

Required Assessments

Numeracy Assessment (as of 2017-2018)

Literacy Assessment (as of 2019-2020)

**HUMANITIES****ENGLISH 10 (Required Course)**

(MEN—10)

English 10 will examine various aspects of English Language Arts. The primary focus will be on Composition, improving the technical writing skills that are necessary to succeed. Other areas covered will be Creative Writing, Literature, Spoken Word, and New Media, all integrated into a single comprehensive course. A final project of student choice will determine final course credit.

**ENGLISH 11 (Required Course or Equivalent)**

(MEN—11)

This course promotes stronger uses of grammar and expressions in their writing. Major components such as Shakespeare, novels, and poetry are covered in detail. English 11 prepares students to evaluate their writing skills and their interests in literature. Recommend: English 10 (60%)

**ENGLISH 12 (Required Course or Equivalent)**

(MEN—12)

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. Recommend: English 11 (60%)

**CREATIVE WRITING 12**

(MCTWR—12)

Creative Writing 12 is a course designed to allow students to explore and develop their creative literary skills. Whether it is poetry, short stories, novels, songs, or creative non-fiction, Creative Writing 12 offers tools to improve writing and a constructive workshop atmosphere.

**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.

**SOCIAL STUDIES 11 (Required Course)**

(MSS—11)

This course is divided into three parts. The first unit studies government ideologies, the branches of Canada's government, Canadian rights and freedoms, and the election process. Students will develop their citizenship skills learning to cooperate, respect and interact with others. In the history unit students will study Canada in the twentieth century looking at the growth of autonomy, French-English relations, multiculturalism, the changing role of women, Aboriginal land claims and world peace-keeping activities. Finally, students will study Canada's role in the Global village with regards to environmental issues, world population growth, resource distribution, foreign aid and standard of living.

**HISTORY 12**

(MHI—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 Interwar 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. Students with weak reading and writing skills will find this course difficult. Recommended: Socials 11 (70%). (Meets criteria for an academic 12 for BC Universities)

**LAW 12**

(MLAW—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.

Recommend Social Studies 11 (50%)

**FIRST NATIONS STUDIES 12**

(MFNS—12)

First Nations Studies 12 provides students with an introduction to the following topics: Portrayals of First Nations people, The land and relationships, The history of First Nations literature. This course has a required government exam, which counts for 20% of the final grade. This course CAN fulfill the Social Studies 11 graduation requirement.

This course is open to ALL students and will allow them to develop an appreciation and respect for the similarities and differences between the diverse cultures of the world.

**HUMANITIES CONTINUED**

**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. (Meets criteria for an academic 12 for some BC universities)

### 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: Biology, Chemistry, Physics and Earth/Space Science. Students will gain scientific skills and knowledge and develop positive science attitudes. You should leave this course with a greater appreciation for the importance and relevance of science in your life, and hopefully 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. "Meets grade 11 science requirements"

### BIOLOGY 11 (MB1-11)

Biology 11 is suited for students that have a strong interest in Science or require a specific background in Biological Sciences. Also known as "**Life 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. This course "meets grade 11 science requirements"

### BIOLOGY 12 (MB1-12)

Biology 12, also known as "**Anatomy and Physiology**" is suited to students that are interested in the human body or required a specific background in the Biological Sciences. In this course, students will study cellular biology, which examines cell structure and function. Students 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. This course "meets the requirement as an academic 12 for some universities"  
Recommend: Biology 11 (60%)

### 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. Recommend: Science 10 (60%) This course meets grade 11 science requirements

### CHEMISTRY 12 (MCH—12)

The science of Chemistry focuses on the structure and interaction of matter at the atomic and molecular levels. Chemistry 12 is intended to provide you with a foundation in Chemistry which can be further used in a multitude of disciplines. The range of topics is narrower, and the math is more rigorous and detailed than in Chemistry 11. The topics covered are: Reaction Rates, Chemical Equilibrium, Acids and Bases, and Electrochemistry. There will be an emphasis on quantitative problem solving as well as some qualitative, analytical work. Recommend: Chemistry 11 (minimum grade of 70%) Meets the requirements as an academic 12 for some universities.

NOTE: CHEMISTRY 12 will be offered every second year: during the 2019-2020 and 2021-2022 school years.

### 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, engineering, mechanics). Physics 11 introduces: kinematics, dynamics, momentum, energy and electric circuits. An optional unit on waves, quantum mechanics, special relativity or nuclear physics will also be covered. Approximately 20% of the course grade is determined from the evaluation of laboratory work. Recommend: Math 10 (70%)  
This course meets grade 11 Science requirements"

### PHYSICS 12 (MPH—12)

Physics 12 is intended for students who have a strong interest in Physics or who need a background in the physical sciences to support future career plans. (i.e. electrician, engineering, mechanics). The course emphasizes the study of mechanics. Physics 12 extends students understanding of: kinematics, dynamics, momentum and energy. Topics covered may also include optional modules on equilibrium, electrostatics, electromagnetism, or circular motion and gravitation. Recommend: Physics 11 (73%) and Mathematics 11 (73%)  
Physics 12 is offered every second year at PSS; during the 2018-2019 and 2020-2021 school years.  
"Meets the requirements as an academic 12 for some universities"

## MATH COURSES

### FOUNDATIONS OF MATHEMATICS & PRE-CALCULUS 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. This course satisfies the required Math 10 component of the 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. This course satisfies the required Math 10 component of the graduation program.

### 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. “Meets the Math 11 requirements”

### APPRENTICESHIP & WORKPLACE MATH 11 (MAWM—11)

This course is a continuation of Apprenticeship and Workplace Math 10. This pathway is specifically designed to provide students with the mathematical understandings 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. “Meets the Math 11 requirements”

### PRE-CALCULUS 11 (MPREC—11)

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.

“Meets the Math 11 requirement”

### PRE-CALCULUS 12 (MPREC—12)

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. “Meets criteria for an academic 12 course at some universities”

### 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.

## SECOND LANGUAGES

### FRENCH 10 (français 10) (MFR—10)

This course focuses on fluency of the French language. It emphasizes oral communication in order to prepare students with a solid base for communicating in French. Students are expected to speak French words and phrases, actively participate and eventually interact entirely in French in order to gain the benefit of an immersion experience. Gestures from the Accelerated Integrative Methodology (AIM) program are used to help students recall and pronounce words. By the end of French 10, student will be able to speak, read, write and comprehend several of the most common words in the French language through the AIM method. Students will be able to perform most daily activities in French. Concepts that were introduced last year are reviewed and continually practiced in this course. French 10 expands on the grammar concepts learned in French 8 and 9 and concentrates more on reading and writing than previous courses.

### FRENCH 11 (français 11) (MFR—11)

French 11 emphasizes fluent oral communication in order to prepare students with a solid base for communicating in a variety of situations including travel, university and distance education. Students are expected to speak French words and phrases, to actively participate and eventually interact entirely in French in order to gain the benefit of an immersion experience. Gestures from the Accelerated Integrative Methodology (AIM) program are used to help students recall and pronounce words. By the end of French 11, students will be able to speak, read, write and comprehend several of the most common words in the French language through the AIM method. This course will be delivered almost entirely in French.

Concepts that were introduced last year are reviewed and continually practiced in this course. French 11 builds upon the grammar concepts learned in French 8, 9 and 10 with a higher concentration on reading and writing than previous courses.

Please note that this course is currently the highest level of French offered at Princeton Secondary School in a regular classroom setting. Therefore, students of French 11 will build the skills and be given the resources required to become independent learners of the French language.

Recommended: French 10 (70%)

## CAREER LIFE

### CAREER LIFE EDUCATION (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, workplace safety, employability skills, and examining labour market trends.

### GRADUATION TRANSITIONS (MGT)

The satisfaction of GRADUATION TRANSITIONS is a 4 credit requirement for graduation. Students must complete 3 aspects: 150 minutes/week of physical activity; 30 hours of work experience or community volunteerism; and complete a transition plan for life beyond high school. Students are awarded RM for "Requirement Met" upon completion of 3 aspects.



## FINE ARTS

All Fine Art Courses meet the grad requirement of 4 credits of Fine Arts.

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### VISUAL ARTS—ART STUDIO 10 (MVAST-10)

Art 10 is a Visual Arts course that explores and develops skills and artistic expression in the areas of: drawing, painting, mixed media and individual areas of study and exploration. Students will be evaluated on technique development, variety of mediums explored, and the development of individual skill levels. A component of Art History is included.

(Fine Arts)

### DRAWING & PAINTING 11 (MSADP—11)

A Visual Arts course open to all grade 11 & 12 students. This course is targeted toward the intermediate art student. Areas of the visual arts in drawing & painting are covered in depth. A component of Art History is included. A small unit on mixed media will also be covered. All assignments are graded according to effort, personal ability and imagination shown.

(Fine Arts)

### DRAWING & PAINTING 12 (MSADP—12)

Drawing and painting is a visual arts course targeted towards the advanced art student. (Gr. 11 Visual Arts is a prerequisite)

Drawing & painting are covered in depth as well as Art History, the development of personal style and technique and independent studies.

Assignments are graded according to effort and ability.  
(Fine Arts)

### VISUAL ARTS-SCULPTURE 10 (MVASC—10)

In Ceramics 10, students will explore, in greater depth, ceramics and sculpture as art forms. They will develop skills in hand building techniques that include pinch, coil and slab methods, as well as additive and subtractive techniques. More advanced decorating techniques will be explored. Students will be expected to complete projects in the above areas.

(Fine Arts)

### STUDIO ARTS 11 CERAMICS & SCULPTURE (MSACS—11)

This course is designed to be a continuation of Ceramics 10. This course content will include more complex hand building and pottery wheel techniques. Decorating technique will be explored in depth. Sculpture, using clay as a medium, will be exposed in greater depth. Students will be expected to complete personal projects in three selected areas.

(Fine Arts)

### STUDIO ARTS 12: CERAMICS & SCULPTURE (MSACS—12)

Arts 12 is a continuation of Studio Arts 11. Course content will include in depth and complex hand building, throwing and firing techniques and skills. Students will be expected to complete personal projects in four selected areas, including sculpture, hand building and pottery wheel. (Fine Arts)

### 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 co-operation, concentration, sensory memory and body control. Areas of mime, theatre games, script interpretation development and presentation will be explored. (Fine Arts)

### DRAMA 11 (MTPA—11) DRAMA 12 (MTPA—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 technique and become familiar with portraying scripted scenes. Theatre history will also be explored.  
(Fine Arts)

### PHOTOGRAPHY 10 (MVAPH—10)

In this course students will be introduced to photographic theory including photography history, famous photographers, effects of photography on world views, and elements of photography. Students will develop their photography skills and learn the basic Photoshop skills to edit their photos. While not mandatory, it is recommended that students use their own camera to learn from.

### PHOTOGRAPHY 12 (YCCT2B)

In this course students will further develop their photography skills from Photography 10. Students will be asked to incorporate principles of composition, lighting, and image manipulation into their photos. Students will delve into the influences of visual culture in media and examine a wide variety of photographers and techniques. Students will need to submit a photography portfolio highlighting their growth in photography. While not mandatory, it is recommended for students to have their own camera for this course. Recommended YCMAP10

BAND 10 (MMCB—10)BAND 11 (MIMCB—11)BAND 12 (MIMCB—12)

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.

INTRODUCTORY BAND

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

**APPLIED DESIGN, SKILLS AND TECHNOLOGY**

All Applied Skills meet the grad requirement of 4 ADST credits

FOODS & NUTRITION 10

(MFOOD—10)

This is a study of human nutrition and food preparation. This is a more in depth study of sanitation, nutrition, meal planning and preparation, as well as advanced baking techniques. Duties also involve prep for lunch program along with time for service. Food Safe Level 1 is also a requirement. (Applied Skills)

CAFETERIA TRAINING 11

(MCAFT—11)

A beginning course in the food industry. Food Safe Level one is a requirement. Food preparation techniques and safety are emphasized. Extra time commitments for work in the lunch program is mandatory. (Applied Skills)

CAFETERIA TRAINING 12

(MCAFT—12)

An extension of Cafeteria 11 with greater emphasis on menu planning, inventory control and food preparation, techniques. Food Safe Level one is a requirement for this course. Extra time commitment is mandatory for work in the lunch program.

This is a required course for Hospitality Career Preparation students. Recommend: Cafeteria Training 11 (60%) (Applied Skills)

**NEW COURSES!**FAMILIES & SOCIETY 10

(MFAMS—10)

This course will examine the different definitions of family around the world and here in Canada. Students will explore varying factors affecting family, including societal change, traditional roles, changing values, relationship dynamics, rights and roles of children, and housing options. Project based inquiry may also allow For students to focus on topics of interest.

ENTREPRENEURSHIP & MARKETING 10

(MADEM—10)

This course is designed to introduce students to entrepreneurship and marketing. Students will develop their creative thinking, critical thinking, communication and problem-solving skills while increasing their understanding of business concepts. Students will explore the cycle of product or service innovation and development. They will create a business plan and trace the flow of goods and services from producer to consumer. Other topics studied will include: Risk and Benefits, Innovation and Invention, Brand Recognition, Product, Price, Promotion and Placement, Market Demand, Online Technologies, sources of Financing and Financial success and Failure.

**ADST CONTINUED****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.  
( Applied Skills)

**CARPENTRY & JOINERY 11**  
(MCJ—11)

Carpentry and Joinery 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.  
(Applied Skills)

**CARPENTRY & JOINERY 12**  
(MCJ—12)

Carpentry and Joinery 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.  
Recommend: Carpentry & Joinery 11 (60%)  
(Applied Skills)

**DRAFTING 10**  
(MTDRFIO—10)

Drafting 10 is designed as both an introductory and advance 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.  
(Applied Skills)

**DRAFTING & DESIGN 11**  
(MDD—11)

Drafting 11 is designed as an advance 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. Recommend: Drafting & Design 10 (50%)  
(Applied Skills)

**DRAFTING & DESIGN 12**  
(MDD—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. Recommend: Drafting & Design 11 (50%)  
(Applied Skills)

**METALWORK 10**

(MTMET—10)

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. A fee is charged for materials used over and above course requirements.

(Applied Skills)

**METAL FABRICATION/MACHINING 11**

(MMFM—11)

Metal Fabricating and Machining 11 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: Fee as per material used over and above course requirements. Recommend: Metalwork 9/10 (50%)

(Applied Skills)

**METAL FABRICATION / MACHINING 12**

(MMFM—12)

Metal Fabricating and Machining 12 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: Fees are per material used over and above course requirements.

Recommend: Metal Fabrication/Machining 11 (60%)

(Applied Skills)

**POWER TECH 10**

(MTPOW—10)

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. A \$10.00 course fee will be charged.

(Applied Skills)

**AUTOMOTIVE TECHNOLOGY 11**

(MAT—11)

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. (Applied Skills)

**AUTOMOTIVE TECHNOLOGY 12**

(MAT—12)

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. Note: Fees as per materials used over and above course requirements. (Applied Skills)

## TECHNOLOGY & COMPUTER BASED COURSES

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### MEDIA DESIGN 10

(MMEDD—10)

In this course students will be introduced to the media production process of both digital and non-digital works, including taking picture and video to produce print publications and video shorts. In addition, students will examine how media influences communication, reporting, and self-expression and the ethical, moral, and legal considerations associated with that.

### WEB DEVELOPMENT 10

( )

In this course students will learn about design theory, W3C web standards, domain and hosting options, Copyright and Creative Commons, and career options in website development. Students will develop their own personal websites using HTML and CSS language using Notepad and Dreamweaver software. It is recommended that students have their own USB storage device for their digital work.

### ENTREPRENEURSHIP 12

(MENT—12)

In this course students will simulate a business structure by actually creating a student run business. The development of effective interpersonal skills and a viable business plan will be an integral part of this course. The student is expected to operate his or her own business and generate income from their business endeavors. Throughout the course you will be increasing your skills in the following areas: Creative thinking, Brainstorming and Planning, Marketing, Advertising and promotion, financial planning and the law and creating a Business Plan to begin your own business venture. Students are required to work on their own business for a minimum of 1 month in order to create a successful business.  
( Applied Skills)

### ACCOUNTING 11

(MAC—11)

Students need financial, economic and consumer skills to survive in our complex society. This course is designed as an introduction to accounting concepts for those seeking entry-level employment skills or personal skills. Students gain insights into financial problems and solutions which have far-reaching benefits for entrepreneurial and professional careers. Students learn the Accounting Cycle for service industries. They also learn the accepted Accounting Principals and correct accounting terminology. The use of spreadsheet software and Simple Accounting projects will be introduced in this course. This course is a requirement for Business, Finance and Administration Career Prep. Students.  
(Applied Skills)

### APPLIED ACCOUNTING 12

(MAC—12)

This course is designed for students who wish to pursue post-secondary studies in accounting, finance, business management, or commerce. Advanced concepts of financial accounting encourage students to develop analytical decision-making skills and communication skills. These skills will also be useful to those students intending to pursue other professions. This is a required course for B.E. Accounting Career Preparation students. Recommend: Accounting 11 (50%) (Applied Skills)

### YEAR BOOK JOURNALISM 11 (BAA)

(YCCT1B)

This course is intended to give students an opportunity to create a school yearbook. Students will learn about E-design, Digital Photography, Picture Scanning, Planning Page Layouts and editing using Photoshop. Students will also be enrolled in yearbook Sales and Advertising. Students will also be required to put together a DVD that uses both slideshow and video taken throughout the year. Course grades are determined on the basis of learning the software and completion of specific pages based on predetermined and strict publisher deadlines.  
( Fine Arts or Applied Skills).

### YEAR BOOK JOURNALISM 12 - BAA

(YCCT2A)

Is available to those students who have completed Yearbook 11 or with teacher approval.

**CONTINUED**  
**TECHNOLOGY & COMPUTER BASED COURSES**

**BUSINESS COMPUTER APPLICATIONS 11**  
**(MBCA—11)**

This course is designed for students with an intermediate level of computer skills and will introduce the skills necessary for a career in Web Design. Students will learn how to use computer programs that are used in today's businesses. You will be using Microsoft Office, Dream Weaver ver. 2004, CS4, HTML Code, Adobe Photoshop, ending with a final project. In addition, you will work on the P.S.S. School Web Page and t-shirt design.  
 (Applied Skills)

**DIGITAL MEDIA DEVELOPMENT 12**  
**(MDMD—12)**

In this course students will further develop their video and image editing techniques and be introduced to audio capturing/editing and digital animation options. Students delve into the principals of user-centered design and explore a variety of program options for digital media development. It is recommended for students to take Media Arts 10, if they have no previous experience with digital media software.

**PHYSICAL ACTIVITY COURSES**

**PHYSICAL & HEALTH EDUCATION 10** (Required Course)  
**(MPHE—10)**

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 technology 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.

**PHYSICAL EDUCATION 11**  
**(MPE—11)**

**PHYSICAL EDUCATION 12**  
**(MPE—12)**

Physical Education 11 and 12 focus on promoting healthy attitudes and regular physical activity as important parts to a student's lifestyle. The course emphasizes effective leadership skills, and planning for careers that involve physical activity. Students who demonstrate a genuine interest in this course will be given every opportunity to explore new and alternate activities that will increase their interest in physical activity as a lifelong pursuit. Students will be required to conduct 12—15 hours of community volunteer work as well as perform "leadership" activities within the class.

**HOCKEY SKILLS CANADA PROGRAM**  
**(YLRAOA)**

**JR. COURSE GR. 9-10**

An accredited course open to all grade 9 and 10 students, boys and girls, of all levels of hockey experience. This course will focus on individual player development. Students will need to provide their own hockey equipment. The course will be a combination of on-ice training ( 3 hours/week) and dry land class and theory. **As a hockey academy course, there will be fees to cover program costs (ICE TIME, Hockey Canada fees, insurance).**

**SR. COURSE GR. 11-12**  
**(YLRA-2A)**

This course will build on the skill development junior course with additional learning components of coaching or referee skills depending on the needs of the class.

## 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

### WORK BLOCK

Students enrolled in a work block are expected to be working on a distance course for at least 50% of the block during the day. If a student would like to have more than 1 work block per year the student must have completed their distance course in the first enrolled work block or—For consideration of future work blocks the completion of the first course enrolled in must be completed during 1 semester.

### ESSENTIALS OF FIREFIGHTING 12

For students who are in Grades 11 or 12 there is an opportunity for you to be a Jr. Firefighter for the Town of Princeton and earn High School credit at the same time. Through the training, that will take place on Wednesday nights and weekends, you will learn about Fire Fighter Orientation, Equipment, Extrication, Fire Control, and Communication. If you are interested approach Princeton Fire Department directly.

For acceptance to the course the following must take place:

- 1) Application to Department
- 2) Parent meeting
- 3) Interview
- 4) Signed contract stating expectations of PVFD (to be developed in conjunction with school) and parental consent.
- 5) Completion of Internal Eligibility Review that may include, Criminal Record check and/or Driver's Abstract.

### INDEPENDENT DIRECTED

#### STUDIES 10, 11, 12

(MIDS—10, MIDS—11, MIDS—12)

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 and also 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' enrollment in IDS is subject to teacher approval.

## **INNOVATIVE LEARNING CONTINUED**

### **WORK EXPERIENCE 12**

(MWEX—2A) 120 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 120 hours of work experience. Retroactive hours may not be used. Students are encouraged find their own placement within the community after meeting with the work experience coordinator.

### **TEACHER ASSISTANT II**

(YIPS—1A)

Subject to application

### **YOUTH WORK**

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.

### **YOUTH TRAIN (Formerly Acet)**

Dual College/High school credits are a possibility in Grade 12. See Work Experience Coordinator for more information