

# PITT MEADOWS SECONDARY



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COURSE SELECTION GUIDE  
2020-2021  
CATALOGUE DE COURS

## 2020-21 GRADUATION PROGRAM REQUIREMENTS

### Certificate of Graduation

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

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

52 credits are required from the following:

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

The Social Studies 11/12 graduation requirement for students on the 2018 Graduation Program is flexible; any of the current Ministry Social Studies 11 or 12 courses will meet the requirement.

- |                       |                                 |                         |
|-----------------------|---------------------------------|-------------------------|
| - BC First People 12  | - Comparative cultures 12       | - Economic Theory       |
| - Genocide Studies 12 | - Law Studies 12                | - Physical Geography 12 |
| - Social Justice 12   | - 20th Century World History 12 |                         |

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

- Numeracy Assessment
- Literacy Assessment

The Literacy Assessment will be introduced in January 2020 (students graduating in the 2018/19 school year will take a Language Arts 12 course and associated provincial exam to satisfy this graduation requirement for the 2018 Graduation Program).

Students on the 2018 Graduation Program will be able to meet the career education graduation requirement with any of the following combinations:

Career Life Connections + Capstone  
 Career Life Education/Career Life Connections + Capstone + 30 hours of volunteer or paid work

For 2019/20 and beyond, the following career education courses will be used in all BC schools:

- Career Life Education
- Career Life Connections + Capstone

**Please note universities may have specific requirements for individual programs and may require additional courses over and above provincial graduation credits.**

**ENGLISH LANGUAGE ARTS****ENGLISH LANGUAGE ARTS 9****MEN--09**

Writing focuses on paragraph development (expository and narrative), creative writing, reflection, syntax and the conventions of language (grammar, punctuation, word choice, etc.). Reading focuses on comprehension of stories, poems, novels, research, etc. Oral communication and listening skills focus on effective self-expression and communication individually, with peers, and the community. Aims to help students think critically, and to become well-informed and respectful individuals.

**ENGLISH LANGUAGE 9 - HUMANITIES****MEN--09-HU**

Combine English & Social Studies 9 with the same peers (learning community) and one teacher. Cross-curricular activities and inquiry-based learning. Explore areas of personal interest. For example, while studying 17th Century France a student may focus on fashion, another on architecture, while others may want to learn about the development of scientific inventions. Curriculum is theme-based with students having a voice about what they learn from topics. Students wishing to enroll would benefit from bringing their own electronic device (e.g. laptop, tablet) to class, as there is a focus on using technology to enhance learning. Students are also expected to work on a social responsibility project.

**ENGLISH LANGUAGE ARTS; COMPOSITION 10 (2 credits)****MCMPS10**

Composition 10 is designed to support students in their development of written communication through a critical process of questioning, exploring, and sampling. Within a supportive community of writers, students will work individually and collaboratively to explore and create coherent, purposeful compositions. Students will read and study compositions by other writers and consider a variety of styles as models for the development of their writing. The course builds students' writing competencies by introducing them to varied structures, forms, and styles.

**ENGLISH LANGUAGE ARTS; CREATIVE WRITING 10 (2 credits)****MCTWR10**

Creative Writing 10 is designed for students who have an interest in creative expression through language. The course provides students opportunities to build their writing skills through the exploration of identity, memory, and story in a range of genres. Within a supportive community of writers, students will collaborate and develop their skills through writing and design processes. This course is intentionally grounded in the sampling of writing processes, inviting students to express themselves creatively as they experiment with, reflect on, and practise their writing.

**ENGLISH LANGUAGE ARTS; LITERARY STUDIES 10 (2 credits)****MLTST10**

Literary Studies 10 is designed for students who are interested in the literature of a particular era, geographical area, or theme, or in the study of literature in general. The course allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media. Giving students the choice of a range of literary topics allows them to follow their passion.

**ENGLISH LANGUAGE ARTS; NEW MEDIA 10 (2 credits)****MNMD-10**

New Media 10 is a program of studies designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. This course is intended to allow students and educators the flexibility to develop a program of study centred on students' interests, needs, and abilities, while at the same time allowing for a range of local delivery methods. New Media 10 recognizes that digital literacy is an essential characteristic of the educated citizen.

**ENGLISH LANGUAGE ARTS; SPOKEN LANGUAGE 10 (2 credits)****MSPGL10**

Spoken Language 10 is designed to support students in their development of spoken communication through processes of questioning, exploring, and sampling. The course builds students' spoken language competencies by introducing them to varied structures, forms, and styles of oral compositions and by providing opportunities for students to individually and collaboratively study, draft, and use language to create original pieces in a variety of modes. This area of choice will also provide students with opportunities for performance, storytelling, and public speaking.

**ENGLISH FIRST PEOPLES; LITERARY STUDIES 10 (2 credits)****MEFLS10**

EFP Literary Studies 10 is designed for students who are interested in exploring First Peoples literature in a variety of contexts, genres, and media. This area of choice provides students with opportunities to explore personal and cultural identities, histories, stories, and connections to land/place. This course is grounded in the understanding of how texts are historically and culturally constructed. Students will work individually and collaboratively to broaden their understanding of themselves and the world.

**ENGLISH FIRST PEOPLES; NEW MEDIA 10 (2 credits)****MEFNM10**

EFP New Media 10 is designed for students who are interested in exploring the increasing importance of digital media in communicating and exchanging ideas. This area of choice provides students with opportunities to think about the use of new media and its effects on individuals and on First Peoples communities and cultures. Students will work individually and collaboratively to develop skills needed in an increasingly complex digital world as they demonstrate understanding and communicate ideas through a variety of digital and print media.

**ENGLISH FIRST PEOPLES; SPOKEN LANGUAGE 10 (2 credits)****MEFSL10**

Spoken Language 10 is designed for students who are interested in studying First Peoples oral traditions and in developing their oral self-expression and communication in a variety of contexts. Within a supportive community, students will work individually and collaboratively to develop their writing skills and create coherent, purposeful, and engaging oral texts for a variety of purposes. This area of choice will provide students with opportunities for performance and public speaking.

**ENGLISH FIRST PEOPLES; WRITING 10 (2 credits)****MEFWR10**

EFP Writing 10 is designed for students who are interested in writing for a variety of purposes and contexts. This area of choice provides students with opportunities to become better writers through the exploration of personal and cultural identities, memories, stories, and connections to land/place. Within a supportive community, students will work individually and collaboratively to develop their writing skills and create coherent, purposeful, and engaging compositions. This course is grounded in the exploration and application of writing processes, inviting students to express themselves as they experiment with, reflect on, extend, and refine their writing.

**ENGLISH LANGUAGE ARTS; COMPOSITION 11****MCMP11**

Composition 11 is designed to support students as they refine, clarify, and adjust their written communication through practice and revision. Students will read and study compositions and be exposed to a variety of styles as models for the development of their writing. The course provides opportunities for students to, with increasing independence, study, create, and write original and authentic pieces for a range of purposes and real-world audiences. They will expand their competencies through processes of drafting, reflecting, and revising to build a body of work that demonstrates expanding breadth, depth, and evidence of writing for a range of situations.

**ENGLISH LANGUAGE ARTS; CREATIVE WRITING 11****MCTWR11**

Creative Writing 11 is designed for students who are interested in developing confidence and refining their writing skills through self-expression for various creative purposes. The course provides students with in-depth opportunities to explore personal and cultural identities, memories, and stories in a wide range of genres. Within a supportive community, students will collaborate and strengthen their skills through writing and design processes. Creative Writing 11 is grounded in the exploration and application of writing processes, inviting students to express themselves creatively as they reflect on, adjust, and extend their writing skills.

**ENGLISH LANGUAGE ARTS; LITERARY STUDIES 11****MLTST11**

Literary Studies 11 allows students to delve deeply into literature. Students can explore specific themes, periods, authors, or areas of the world through literary works in a variety of media. Provides students a range of literary topics that allows them to follow their passion at the same time.

**ENGLISH LANGUAGE ARTS; NEW MEDIA 11****MNMD-11**

New Media 11 is a program of studies designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. This course is intended to allow students and educators the flexibility to develop an intensive program of study centred on students' interests, needs, and abilities, while at the same time allowing for a range of local delivery methods. New Media 11 recognizes that digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills vital for success in an increasingly complex digital world by affording numerous opportunities to demonstrate understanding and communicate increasingly sophisticated ideas through a wide variety of digital and print media. Compared with New Media 10, New Media 11 features tasks and texts of greater complexity and sophistication.

**ENGLISH LANGUAGE ARTS; SPOKEN LANGUAGE 11****MSPLG11**

Spoken Language 11 is designed to support students as they refine, clarify, and adjust their spoken communication through practice and revision. The course provides opportunities for students to, with increasing independence, study, create, write, and present original and authentic pieces for a range of purposes and real-world audiences. They will expand their competencies through processes of drafting, reflecting, and revising to build a body of work that demonstrates expanding breadth, depth, and evidence of spoken language genres for a range of situations.

**ENGLISH FIRST PEOPLES; LITERARY STUDIES + NEW MEDIA 11****MELNM11**

EFP Literary Studies + New Media 11 is designed for students who are interested in studying First Peoples literature and examining the evolving role of technology in today's society, especially the increasing importance of digital media in communicating and exchanging ideas and engaging in social advocacy. Students delve deeply into First Peoples oral and written literature in a range of media to explore various themes, authors, and topics.

**ENGLISH FIRST PEOPLES; LITERARY STUDIES + SPOKEN LANGUAGE****MELSL11**

EFP Literary Studies + Spoken Language 11 is designed for students who are interested in studying First Peoples literature and oral tradition and in strengthening their oral language proficiencies. The course emphasizes oral self-expression and communication in a variety of contexts. Students delve deeply into First Peoples oral and written literature in a range of media to explore various themes, authors, and topics. This provides a foundation for them to think critically and creatively as they continue to explore, extend, and strengthen their own repertoire of oral language expressions.

**ENGLISH FIRST PEOPLES; LITERARY STUDIES + WRITING 11****MEFLS11**

EFP Literary Studies + Writing 11 is designed for students who are interested in studying First Peoples literature and using writing for self-expression and communication in a variety of contexts. Students delve deeply into First Peoples oral and written literature in a range of media to explore various themes, authors, and topics. This provides a foundation to think critically and creatively as they explore, extend, and strengthen their own writing.

**ENGLISH FIRST PEOPLES 12****MENFP12**

EFP 12 builds upon and extends students' previous learning experiences in ELA and EFP 10 and 11 courses. The course is grounded in the First Peoples Principles of Learning. It is designed for all students, Aboriginal and non-Aboriginal, who are interested in delving deeply into First Peoples oral and written literature and visual texts in a range of media. The course focuses on the experiences, values, beliefs, and lived realities of First Peoples as evidenced in various forms of text, including oral story, poetry, song, performance, film, and prose.

**ENGLISH STUDIES 12****MENST12**

The required English Studies 12 course builds on and extends students' previous learning experiences in ELA and EFP 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. It helps students to think critically and creatively about the uses of language.

**COMPOSITION 12****MCMPS12**

Composition 12 is designed to support students in their refinement and pursuit of mastery of written communication. Students will read and study exemplary compositions by other writers and be exposed to a variety of styles as models for the development of their writing. The course provides opportunities for students, with increasing independence and self-sufficiency, to study, create, and write original and authentic pieces for a range of purposes and audiences using real-world applications with impact and effectiveness.

**CREATIVE WRITING 12****MCTWR12**

Creative Writing 12 is designed for students who are interested in creating a body of work reflective of a sophisticated breadth and depth of skill. The course provides students with opportunities to specialize and publish in real-world contexts. Students engage in the exploration of personal and cultural identities, memories, and stories, in a wide range of genres.

**LITERARY STUDIES 12****MLTST12**

Literary Studies 12 allows students to delve more deeply into literature through increasingly complex texts. Students can explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) in a variety of media. Giving students the choice of a range of literary topics allows them to follow their passion and at the same time increase their literacy skills through close reading of challenging texts.

**NEW MEDIA 12****MNMD-12**

New Media 12 is a program of studies designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. This course is intended to allow students and educators the flexibility to develop an intensive program of study centred on students' interests, needs, and abilities, while at the same time allowing for a range of local delivery methods.

**SPOKEN LANGUAGE 12****MSPLG12**

Spoken Language 12 is designed to support students in the refinement of spoken language forms. The course provides opportunities for students, with increasing independence and self-sufficiency, to study, create, write, and effectiveness. They will develop their craft through processes of drafting, reflecting, revising, and practising to build a body of publishable and/or performance-based work that demonstrates breadth, depth, and evidence of sophisticated and specialized spoken language pieces for a range of situations.

## ENGLISH LANGUAGE LEARNING

### **CANADIAN STUDIES 10**

**YESFL0A-CS**

Develop proficiency in English, while learning about Canadian geography, history, government, law, culture, customs and current events. Become familiar with the history of the First Nations peoples, French and English. Discuss immigration and the changing perception of Canadian identity. Develop oral and written language skills. This doesn't replace other social studies courses, but rather a foundation to build an interest in Canada.

### **ENGLISH LANGUAGE DEVELOPMENT 10**

**YESFL0B-LD**

Develop skills in reading, writing, listening and speaking. Engage in communication while gaining social and cultural understanding. Discuss school culture, social relationships, home life, community life, and the workplace. Work on cooperative learning and independent study skills. Available to students in grade 8-10.

### **ENGLISH LANGUAGE DEVELOPMENT 11**

**YESFL-1B-LD**

Expand language skills in reading, writing, listening and speaking. Gain confidence through practice of language strategies. Describe and analyze Canadian culture and customs using complex vocabulary and sentence form.

### **ELL ACADEMIC WRITING 11**

**YESFL-1A-EC**

Develop writing skills. Begin with basic sentence structure and progress to essays. Students should be assessed as high intermediate or advanced.



**FRENCH IMMERSION** (Immersion graduates receive a Double Dogwood Certificate at the completion of grade 12)

**FRANÇAIS LANGUE 9**

**FFRAL09**

Delve deeper into the French language with a focus on accurate grammar usage and increased oral expression. You will improve your speaking, listening, and writing through meaningful practice and experiences including novel study, exercises, and presentations. Learn about culture and expression through film, short stories, songs, and discussions.

**FRANÇAIS LANGUE 10**

**FFRAL10**

Expand your knowledge of complex grammatical structures with a focus on expressions and the ability to communicate correctly in speech and in writing. Projects include a novel study as well as film studies.

**LANGUE ET CULTURE DE LA FRANCOPHONIE 11**

**FLCF-11**

This course challenges students to think how language and culture interact in shaping their personal values. Students will explore how the acquisition of a second language helps develop their personal and social identity. Students will explore a variety of writing genres (essays, stories and articles) and participate in oral presentations to continue building language competency. Finally, students will refine their writing skills and expand their knowledge of drama and film studies related to the wide world of "La Francophonie".

**FRANÇAIS LANGUE 12**

**FFRAL12**

This course is the capstone of the French immersion program. Students will continue the competencies begun in grade 11, will read various novels and analyzing a variety of films. Expand your knowledge of French and your ability to communicate through oral communication, reading, writing, and listening; mandatory Literacy Exam in Grade 12.

**SCIENCES HUMAINES 9**

**FSCHF09**

This course covers the grade 9 Social Studies curriculum as outlined in the B.C. Social Studies curriculum guide. It will directly parallel the content and skills emphasized in the English language Social Studies 9 course.

**SCIENCES HUMAINES 10**

**FSCH-10**

This course covers the grade 10 Social Studies curriculum as outlined in the B.C. Social Studies curriculum guide. It will directly parallel the content and skills emphasized in the English Social Studies 10 course. More sophisticated French language communication skills will be developed.

**ÉTUDES SUR L'ALIMENTATION**

**FFOOD10**

Combine French cultural heritage of cuisine with foods and nutrition, peppered with some dramatic Arts. Engage in cooking and eating, analyze eating habits, and share knowledge and skills with others. The dramatic Arts portion of the course will add some spice to this course by adding some Quebec style improvisation and other opportunities to communicate with theatrical flair.

**COMMUNICATION ORALE 11-12**

**FSPLG12**

This course aims to improve the oral fluency of immersion students. The emphasis is on oral work (conversations, discussions, debates, role-play, and presentations). Students are required to come to class with an open mind and a willingness to express their opinions and listen to others. You will be working from a variety of authentic French materials consisting of novels, music, films and scripts. This course is suggested for French Immersion students to maintain and increase their language ability; it is accepted as an Immersion course leading to a Bilingual Dogwood diploma.

**LANGUAGES****FRENCH 9****MFR--09**

Improve communication through vocabulary activities, grammar activities, and the practice of future and past tenses. Learn the distinction between oral and written structures. Explore music, art and film, while comparing French culture with local culture.

**FRENCH 10****MFR--10**

Acquire complex grammar skills, and write paragraphs and essays using a second future tense, a second past tense and the conditional tense. Improve oral communication by learning more vocabulary and clearer pronunciation. Informal speech patterns will help distinguish between oral and written expression. Explore French music, art and film and compare France and other French speaking countries.

**FRENCH 11****MFR--11**

Refine written and oral expression. Establish a strong foundation for post-secondary French courses with an emphasis on vocabulary expansion and precision of expression. Study music, art and film and the contrast between Canada and France.

**FRENCH 12****MFR--12**

Previous skills and structures are reviewed and more formal speaking and writing will be developed. Improve strategies for writing descriptive and persuasive paragraphs and, expository writing. Learn reading strategies to assist with short stories and non-fiction works. Music, Art and Film will be used to encourage students to consider traveling and studying abroad. Optional DELF examination possible.

**SPANISH 9****MSP--09**

This is an introduction to Spanish intended for Grade 9 students who are interested in exploring a new language. Students will learn grammar and vocabulary relating to school, clothing, food, etc. They will learn how Spanish is both similar and different from French. Students will be expected to read, write, listen and speak Spanish.

**SPANISH 10****MSP--10**

BIENVENIDOS! Did you know that Spanish is spoken by over 360 million people in the world? That it is one of the 5 official languages of the UN? That it is the official language of 21 countries? This is a follow up course to Spanish 9. Emphasis is on vocabulary building, pronunciation, and developing interpersonal communication skills. Through a variety of activities, the learner will gain an appreciation of Spanish culture, music and literature. Prerequisite = Spanish 9

**SPANISH 11****MSP--11**

This course is intended for students who have completed Introduction 11. The grammar and vocabulary will build on topics covered in Introduction 11. There is a larger focus on written and oral communication. It is expected that students are able to write and speak clearly with appropriate verb tenses, supporting details and clear intonation. Prerequisite = Spanish 10



## MATHEMATICS

Options	Grade 9	Grade 10	Grade 11	Grade 12	+ Grade 12	Post-Secondary
1	Math 9	Workplace or Foundations and Pre-calc Math 10	Apprenticeship and Workplace Math 11 Meets Grad requirement	Apprenticeship Math 12		Trade Programs
2	Math 9	Foundations and Pre-calc Math 10	Foundations Math 11 Meets Grad requirement	Foundations Math 12		College or Universities Arts and Humanities
3	Math 9	Foundations and Pre-calc Math 10	Pre-Calculus Math 11 Meets Grad requirement	Pre-Calculus Math 12	Calculus 12	College or Universities Math, Sciences, Engineering, Computer

### MATHEMATICS 9

**MMA-09**

This course expands on many topics taught in Math 8 including Numbers (Rational Numbers, exponents and Square Roots), patterns and relations (Polynomials and algebra, linear relations, geometry and statistics). Students will work with concrete materials, visualize and discuss their thinking with others. At the end of this course, students will be prepared for Foundations and Pre-Calculus Math 10 OR Workplace Mathematics 10

### WORKPLACE MATHEMATICS 10

**MWPM-10**

This pathway is designed to provide students with mathematical understanding critical thinking skills for entry into the majority of trades programs and workforce. Topics include: Applying metric and imperial system to measurement of 2 and 3 D objects, statistics and probability, geometry and financial literacy (fundamentals of income, spending and debt). Students completing this course will move onto Workplace Math 11.

### FOUNDATIONS & PRE-CALCULUS MATH 10

**MFPM-10**

This course is designed to provide students mathematical understanding and critical – thinking skills identified for post-secondary studies (in both Arts and Sciences). Topics include: Financial Mathematics, Trigonometry, irrational numbers, powers (involving integral and rational exponents), polynomials, factoring, linear relations, relations and functions; Systems of equations and measurement. This course leads to Foundation Math 11 or Pre-Calculus Math 11

### WORKPLACE MATHEMATICS 11

**MWPM-11**

This course is highly recommended for students who are planning to enter the workforce or planning a career in the trades program. Topics include reasoning, rates of change, measurement and statistics. (This course satisfies the Ministry of Education's Mathematics Graduation requirements.) This course leads to Apprenticeship and Workplace Math 12.

### FOUNDATIONS OF MATH 11

**MFOM-11**

This course is highly recommended for students who are pursuing post-secondary studies in arts and humanities. Topics include logic and reasoning, functions, geometry, trigonometry, and statistics. This course leads to Foundations of Math 12. (This course satisfies the Ministry of Education's Mathematics Graduation requirements.)

### PRE-CALCULUS MATH 11

**MPREC11**

This course is highly recommended for students who are pursuing post-secondary studies in math or sciences. Topics include relations and functions, trigonometry, polynomial functions and graphing. This course leads to Pre-Calculus Math 12. (This course satisfies the Ministry of Education's Mathematics Graduation requirements.)

### APPRENTICESHIP MATHEMATICS 12

**MAPPR12**

Suited for students entering workforce or planning a career in trades. Topics may include reasoning, rates of change, measurement, and statistics.

### FOUNDATIONS OF MATHEMATICS 12

**MFOM-12**

This elective course is recommended for post-secondary studies in the arts and humanities. It includes such topics as Finance, Set Theory and Logic, Combinatorics and Probability, as well as Polynomial, Exponential, Logarithmic, and Sinusoidal Functions.

### PRE-CALCULUS 12

**MPREC12**

Recommended for post-secondary studies in math or sciences. Topics may include relations and functions, trigonometry, polynomial functions, graphing, and combinatorics.

### CALCULUS 12

**MCALC12**

This course covers material similar to first year university Calculus. It is recommended for post-secondary studies in math and sciences. There is an option to write the Calculus Challenge Exam in June to obtain credit for a first-semester Calculus course at participating institutions. Students must have completed or be enrolled in Pre-Calculus 12.

**PHYSICAL AND HEALTH EDUCATION 9 / ÉDUCATION PHYSIQUE ET SANTÉ 9****MPHE-09 / FEPSF09**

Develop knowledge, movement skills and positive attitudes promoting a healthy lifestyle through individual and team activities. Learn safety practices, warm up and cool down procedures, use of equipment and facilities, respect for others and etiquette and leadership in physical activities. Learn how to make healthy choices to influence positive physical, emotional, social and mental well-being.

**PHYSICAL AND HEALTH EDUCATION 10 / ÉDUCATION PHYSIQUE ET SANTÉ 10****MPHE-10 / FPHE10**

Develop knowledge, movement skills and positive attitudes promoting a healthy lifestyle through individual and team activities. Learn basic first aid principles and how to respond to an emergency. Learn to make healthy choices to influence physical, emotional, social and mental well-being.

**ADVANCED BASKETBALL 10****YLRA-0E-AB**

This course will encourage grade 9 and 10 students to develop their individual sport skills; physical strength and conditioning; health and nutritional knowledge; coaching; team building; leadership skills; goal setting; and organizational skills in a basketball setting.

**ACTIVE LIVING 11 (PE 11)****MACLV11**

Students will participate in physical activity through individual and team activities. Students will be able to identify enjoyable recreational activities that will motivate and encourage them to participate in life long physical activity. Students will build on the knowledge and skills they gained in grade 10 Physical and Health Education, demonstrating safety, fair play, and leadership in physical activities. Students will have the opportunity to participate in local field trips such as: ice skating, indoor rock climbing, bowling, hiking, paint balling etc.

**ACTIVE LIVING 12. (PE 12)****MACLV12**

Students will participate in physical activity through individual and team activities. Students will gain an increased confidence in physical activities and will be encouraged to pursue lifelong participation in those activities. Students will be able to demonstrate reasoned decision-making related to their personal health and well-being. Students will build on the knowledge and skills they gained in grade 11 Active Living, demonstrating safety, fair play, and leadership in physical activities. Students will have the opportunity to participate in local field trips such as: ice skating, indoor rock climbing, bowling, hiking, paint balling, etc.

**FLY FISHING 10-11-12 (Outdoor 10-11-12)****YLRA-0C-FF**

This course has been designed to explore and make better use of our natural habitats. The course includes fish identification, fly tying, knot tying, practical equipment building skills, and includes a section on wildlife management. There is also a segment on the history of fishing techniques, as well as a continued focus on safety, first aid and survival skills in the wild forests of British Columbia. Various fishing techniques will also be an integral part of this course. Possibility of field trips and weekend excursions.

**FITNESS AND CONDITIONING 11 AND 12****MFTCD11 + MFTCD12**

Students will develop and demonstrate appropriate exercise techniques for a variety of fitness activities and create and implement a personalized fitness program. Also, students will identify and describe how different types of fitness activities influence the muscular and cardiovascular systems. Students will demonstrate a variety of leadership skills in different types of fitness activities. Students will explore fitness myths and fads, analyze health messages, and learn about human anatomy and physiology. Overall, students will increase confidence and be encouraged to participate in lifelong physical activities.

**STRENGTH TRAINING 11****YHRA-1B-ST**

Students wishing to enhance their physical strength, power, speed, and stamina are ideal candidates for this course. Students will be challenged physically through strength training and mentally through anatomy and physiology testing. Units of study include human anatomy & muscle physiology, Olympic lifting, strength & power training via weight, power lifting, sport specific training programs, drug education (i.e. steroid abuse), plyometric, flexibility training, injury rehabilitation and prevention, and nutrition.

**STRENGTH TRAINING 12****YHRA-2B-ST**

A weight training program focusing on safety (injury prevention), techniques of lifting, physiology, and building strength. Gain a greater understanding of your body and how to train for sport specific activities.

**YOGA FIT 11 / YOGA FIT 12****YHRA-1D-YF / YHRA-2D-YF**

Yoga fitness is a course designed to introduce students to yoga. Students will gain flexibility and strength while developing a healthy fitness routine that they can continue with throughout their lives. Students will learn a variety of styles of yoga that incorporate gentle stretching, breathing for relaxation and stress reduction, and power yoga. As well as exercising through yoga, students will also be introduced to a variety of fitness exercises to strengthen the body.



**SOCIAL STUDIES****BC FIRST PEOPLES 12****MBCFP12**

This course studies the pre- and post-colonial history of Indigenous populations of British Columbia. Students will study a variety of accounts grounded in developing an understanding of an Indigenous world view and how this informs current issues today. Students will be asked to compare and contrast historical and contemporary issues as it pertains to matters including: Indigenous and Human Rights, land use, self-governance, identity, and cultural appropriation. This course provides an opportunity for both hand-on learning and hearing personal accounts from guest speakers. This course is open to Grades 11 and 12.

**COMPARATIVE CULTURES 12****MCMCL12**

This course is designed to explore the evolution of civilization from the Neolithic period (the Stone Age) to the European Renaissance. The course includes an extensive look at the cultures and civilizations that contributed to the development of modern civilizations such as Mesopotamia, Egypt, Greece, and Rome. Emphasis is placed on understanding why humans created works of art, why humans developed mythology and religion and how humans interact with one another. A wide variety of opportunities for studying ancient civilizations is provided including extensive class discussions, video excerpts, and group projects. Comparative Cultures 12 includes an appreciation of diverse world cultures and preparation for post-secondary courses such as Anthropology, Archaeology, and Ancient History. Students will explore world travel to gain an understanding of peoples, cultures, and environments. Comparative Cultures 12 is a university recognized course open to grades 11/12.

**ECONOMIC THEORY 12****MECT-12**

Explore concepts of economics from the political and social perspective. Application of economic theories from personal business to government. Use of calculations and graphing will support information found in newspapers. Designed to prepare students interested in pursuing economics for post-secondary. Open to grade 11 and 12 students.

**GENOCIDE STUDIES 12 (to study genocide is to study our inheritance." – Adam Jones)****MGENO12**

This course aims to educate students of the complex and enduring scourge of genocide that has plagued human history. Through an interdisciplinary approach that pulls from History, Psychology, Sociology, and Political Science students will learn about the various factors that contribute to genocide as well as how society has responded to, and dealt with, its occurrence. Students will be asked to critically analyze and reflect on historical and contemporary events and will bear witness to firsthand accounts from those who survived these atrocities. ...to believe that a future free of genocide and other crimes against humanity is possible" (Jones 2006). This course is open to Grades 11 and 12.

**LAW STUDIES 12****MLST-12**

Law Studies 12 promotes the understanding of a student's legal rights and responsibilities through an examination of the law within Canada and around the world. Students will examine the origins and foundations of Canadian law, how laws are made and the influences and effects that law has on our everyday lives. Law 12 fosters skills and attitudes that enhance students' abilities to address legal, social, and ethical issues, and reflect critically on the role of law in society. The study of law also promotes the skills and abilities needed to clearly express ideas, argue effectively and logically, and accurately interpret information. Topics covered include the Charter of Rights and Freedoms, Criminal Law, Trial Procedures, Family Law, and Contract Law among others. An emphasis is placed upon noting changes in Canadian law and on current legal issues. Law Studies 12 is a university recognized course open to grades 11/12.

**PHYSICAL GEOGRAPHY 12****MPGEO12**

Physical Geography is the study of various systems of interaction that exist above, on, and inside the Earth. Study earthquakes, volcanoes, avalanches, glaciers, tornadoes, and hurricanes. Examine current issues relating to Global Warming, risk of natural disasters, fresh-water scarcity, and global resource availability. Students will explore our inter-connectivity with the environment and the impacts and outcomes of these interactions. British Columbia is a hotbed of geographic phenomena and this course will provide a thorough understanding of our geographic significance. This course is open to Grades 11 and 12.

**SOCIAL JUSTICE 12****MSJ--12**

A dynamic course blending history, psychology, literature & media to study stereotypes, racism, homophobia, and equal rights. Topics include slavery, segregation & US Civil Rights, India's non-violent fight for freedom, South African Apartheid, the media's representation of women & minorities, and the growth of Equality Rights in Canada. Think critically and analyze the world and personal beliefs. Extra credits could be earned through Work Experience hours. Open to grades 11 and 12.

**TWENTIETH CENTURY WORLD HISTORY 12****MWH--12**

Explore the 20th century from a global perspective, delving into topics such as the Great Depression, World War II, conflict in the Middle East, Vietnam, Communist China, the creation and collapse of the Soviet Union, and the ever-changing world political structure. Open to grades 11 and 12. This is a College/ University recognized course.



## OPTIONAL COURSES

### PSYCHOLOGY 11

YPSYC1A-PS

Why do we talk to ourselves? How do we learn? Why are some people driven to change the world and others won't even change the channel? Discover more about human behavior. Investigate the question of nature vs. nurture and the forces that shape human development. Topics include, memory, hallucinations, hypnosis, motivation and classical conditioning.

### PSYCHOLOGY 12

YPSYC2A-PS

How does personality develop? Is it a good idea to date a narcissist? Why do people become serial killers? Investigate human nature and behaviour, venturing deeper into the question of abnormal psychology. Topics include phobias, obsessive-compulsive disorder, dissociative identity disorder, schizophrenia and psychopathy. Requirements include curiosity and a sense of humour.

## BUSINESS EDUCATION

### TOURISM 11

MRTM-11

An introductory course related to Hospitality and Tourism focusing on British Columbia and Canada. Study communication skills and people skills.

### TOURISM 12

MRTM-12

A continuation of Tourism 11 focusing on world cultures.

### ACCOUNTING 11

MAC-11

Introduction to accounting concepts related to the local and global economy. Learn skills for entry-level employment (financial problem-solving), personal accounting, entrepreneurship and other careers. Working copies and Excel are used.

### ACCOUNTING 12

MACC-12

Continuation of Accounting 11, focusing on merchandising business, subsidiary ledgers, bank reconciliation statements, payroll and sales taxes. A basic understanding of accounting concepts and rules are expected. [Accounting 11 recommended].

### MARKETING AND PROMOTION 11

MMAP-11

This course looks at basic marketing principles including advertising, promotion, display, product development, packaging, and branding. Students will earn valuable experiences in school-based projects. Students will also focus on discovering ways to marketing themselves, a product, and/or a service. Marketing 11 is a must for students interested in business or entrepreneurship, or those looking for a practical way to apply their creativity.

### ENTREPRENEURSHIP 12

MENT-12

This course runs as a fully functioning company operating a school-based business. Students learn to order items needed for those businesses and maintain inventories. They also learn to keep a budget, pay bills, balance deposits, setting up shop, advertising and promoting. Students are required to work regularly by opening and closing, prepping products, serving customers, and using a cash register.



**APPLIED SKILLS****HOME ECONOMICS****FOODS AND NUTRITION 9****MADFS09**

No pre-requisite. Mix healthy cooking into your life. Explore the basics of nutrition, cooking methods, meal plan options, and personal food choices. Cooking labs will focus on breakfast, lunch, dinner and dessert.

**FOODS AND NUTRITION 10****MFOOD10**

No pre-requisite. Are you interested in creatively preparing nutritious food? This is the course for you! Learn how major ingredients influence the food choices you make while improving your health and eating habits. Cooking labs will focus on the major nutrients our bodies need to function properly: carbohydrates, proteins, fats, vitamins and minerals

**FOODS AND NUTRITION 11****MFOOD-11**

Foods and Nutrition 9 or 10 is recommended. Why do we eat what we eat? Is what we eat really food? Think critically about food choices. Cooking labs include local and seasonal food as well as a cultural component. You will learn skills that will help you cook for yourself and family. This class is for students with a passion for cooking who want to continue to grow and develop the skills they have learned in previous foods courses.

**FOODS AND NUTRITION 12****MFDN-12**

Foods and Nutrition 11 is strongly recommended. Do you have a passion for good food made from fresh ingredients? Examine food from a nutritional and socio-economic viewpoint. Build community while discovering practical skills needed for the well-being of yourself and others. This course will help you refine your cooking skills while exploring a variety of cooking techniques.

**INTRODUCTION TO FOODS AND NUTRITION 11****MFOOD11**

This course is for beginning cooks who have not taken a foods course. This is a crash course for students who have never taken Foods and Nutrition 9 or Foods and Nutrition 10. You will learn a variety of cooking skills and techniques that will make you feel more confident in the kitchen. There will be a focus on healthy eating habits and proper nutrition

The Foods Department is excited to offer specialized foods courses for students passionate about the following topics:

**BAKING 12 (Opened to grade 11 and 12)****YHEC-1D-BK**

Foods and Nutrition 11 is strongly recommended. Do you have a passion for baking? This course focuses on the technical skills and methods specific to baking. You will discover the function of ingredients and how to make a variety of baked goods such as: muffins, biscuits, cookies, cakes, etc. Through your experience in other Foods and Nutrition courses, you've discovered that you love everything to do with sweet and savoury baking.

**ADVANCED FOODS; INTERNATIONAL FOODS 12****MSPSF12**

Are you tired of the same old boring, North American cuisine? This course focuses on dishes from all over the world. You will discover and learn amazing dishes from a variety of countries such as: Italy, France, India, Japan, Thailand, Germany, etc. This course is recommended for students who have already taken Foods 11.





**INTERPERSONAL & FAMILY RELATIONSHIP (FAMILY STUDIES 11)****MIAFR11**

Study inter-relationships between friends, families, and you! Topics include relationships, adulthood, families, child development and living environments including how to budget and move out on your own. There will be hands on activities, projects, class discussions, guest speakers, videos and more. Ideal for any students looking to learn how to adult.

**HOUSING AND LIVING ENVIRONMENT12 (FAMILY STUDIES 12)****MHALE12**

A continuation of Interpersonal & Family Relationship 11 with a major component on Child Development and Caregiving.

**FASHION INDUSTRY 12 (No pre-requisite)****MFIND12**

Are you interested in how fashion designers create and market their clothing? Fashion Industry 12 will explore the many uses of fashion in society, the history of fashion and historical influences on current styles. We will examine the marketing and merchandising strategies and processes for clothing and accessories, including brand development and trendsetting strategies. Essentially this course will cover the areas of the fashion industry that are not clothing construction. Note: This is not a sewing course.

**TEXTILES 9****MADT-09**

In this introductory course students will learn basic sewing and pressing techniques, about the selection and care of fabric, and how to use a variety of sewing equipment-including the serger. If you want to learn how to operate a sewing machine and make your own clothes, this course is for you! Projects include pyjama pants, hoodies, dresses and skirts. Projects are suitable for both boys and girls. The serger is introduced and used for all seam finishing on projects created.

**TEXTILES 10****MTXT-10**

This course is for intermediate sewers. Students will learn strategies for altering garments, upcycling and repairing their own garments. Project choices include zipped hoodie, Mac Jacket, shirts, pants. Students will look at how fabrics are produced around the world and how fabric is made. Tie-dying and beading are some of the fabric embellishments that will be introduced. The serger will continue to be used to enhance the finished products being created.

**TEXTILES 11****MTXT-11**

An advanced intermediate clothing and textiles course covering detailed sewing and construction techniques, more extensive use of specialized sewing equipment and personal wardrobe planning. Projects may include such items as active wear, polar fleece jackets, shirts, jackets, dresses, and pants. Projects made are suitable for both boys and girls.

**TEXTILES 12****MTXT-12**

For advanced sewers only. This course offers the opportunity to make a fully lined tailored jacket, fitted dress pants, bathing suits, exercise gear and to work with high fashion hard-to-handle fabrics such as velvet, silk and leather. Students will learn construction techniques used by the professionals.



## VISUAL AND PERFORMING ARTS

### VISUAL ARTS 9: STUDIO ARTS

MVA--09

This is an introductory course to the Elements and Principles of Art and Design. A fun and creative class requiring no previous art experience, it is focused on developing foundational skills in the core areas of 2D and 3D art including drawing, painting, printmaking, ceramics, and sculpture.

### VISUAL ARTS: ARTS STUDIO 10

MVAST10

Improve your abilities in 2D and 3D artwork including drawing, painting, printmaking, ceramics, and sculpture. Learn about famous historical and contemporary artists, take a field trip to the Vancouver Art Gallery, and experiment with a variety of different art making techniques. This course allows students to develop their creative expression across a range of mediums as well as a building their own portfolio.

### CERAMICS AND SCULPTURE 10: STUDIO ARTS 3D

MVAC-10

This class is perfect for students who find their creative side through hands-on building rather than drawing or painting. Sculpture and clay work will be the main focus of the class. Projects will include hand-built pottery, clay, Papier Mache, wire, soap stone carving, mold making and plaster casting. Students will need to complete some idea sketching, but drawing will not be the focus of this course.

### ARTS STUDIO 11 (Art Foundations 11)

MVAST11

This is a great course for students interested in trying out a variety of art making techniques. We will be focusing on painting and drawing as well as sculpture, printmaking and mixed media. Projects include designing and printing t-shirts, spray painting with stencils and creating with clay. The course focuses on helping students develop a personal style and expression while continuing to advance their art skills from the junior art courses.

### ARTS STUDIO 12 (Arts Foundations 12)

MVAST12

This is a great course for students interested in trying out a variety of art making techniques. We will be focusing on painting and drawing as well as sculpture, printmaking and mixed media. Projects include designing and printing t-shirts, spray painting with stencils and creating with clay. The course focuses on helping students to develop a personal style and expression while continuing to advance and challenge their art skills from the junior art courses.

### STUDIO ARTS 2D 11 (Painting & Drawing 11)

MVAD-11

This visual arts class is designed to further develop skills in drawing, painting, printmaking and mixed media. Projects will include watercolour, acrylic and oil painting as well as life drawing. Students will have the opportunity to visit an art gallery and study the work of contemporary and historical artists.

### STUDIO ARTS 2D 12 (Painting & Drawing 12)

MVAD-12

This is an advanced visual arts class designed to further develop skills in drawing, painting, printmaking and mixed media. Projects will include watercolour, acrylic and oil painting as well as life drawing. Students will visit an art gallery and study the work of contemporary and historical artists.

### CERAMICS AND SCULPTURE 11: Studio Arts 3D

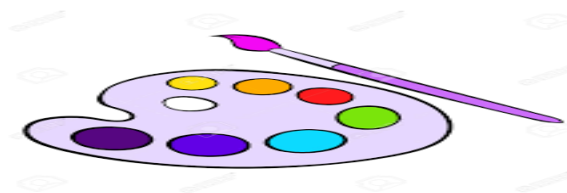
MVAC-11

This class focuses on 3D artwork and is perfect for students who find their creative side through hands-on building. Sculpture will be the main focus of the class and projects include wire sculpture, found art, Papier Mache, clay modeling, pottery wheel, mould-making and plaster casting. Students will develop an understanding of the Elements and Principles of art and how they apply to 3-dimensional work. Students will need to complete some preliminary sketching, but drawing will not be the focus of this course, marks will be based primarily on studio work.

### CERAMICS AND SCULPTURE 12: Studio Arts 3D

MVAC-12

This class focuses on 3D artwork and is perfect for students who find their creative side through hands-on building. Sculpture will be the main focus of the class and projects include wire sculpture, found art, Papier Mache, clay modeling, pottery wheel, mould- making and plaster casting. Students will develop an understanding of the Elements and Principles of art and how they apply to 3-dimensional work. Students will need to complete some preliminary sketching, but drawing will not be the focus of this course, marks will be based primarily on studio work.





**PHOTOGRAPHY 10****MVAPH10**

Introduction to using a digital camera and other devices (smart phones, tablets, etc.). Develop understanding of ISO, aperture, and focus concepts as well as principles of design. A brief look into editing processes and presentation tools to help refine projects.

**PHOTOGRAPHY 11****MVAPH11**

Expand the fundamentals of digital photography. Explore a variety of projects from stop motion photography, web design, to portfolio work. Course will involve field trips and out of class photo shoots. Develop projects using elements of graphic design including Adobe and Photoshop. Understand the process of capturing an idea to final production (printed publication). Become proficient in editing software and techniques.

**PHOTOGRAPHY 12****MVAPH12**

Advance your knowledge of digital cameras and software. Consider the impact of visual communication and the message shared between the designer and viewer. Work independently and in small groups. Distinguish between techniques used in studio photography, photojournalism, macro photography and sports photography. Create a portfolio and gallery display.

**PERFORMING ARTS****DRAMA 9****MDR--09**

Participate in theatre sports, improvisation games, and exciting short scenes. Option to act in a class production.

**DRAMA 10****MDRM-10**

Work with grade 12 Directors and Scriptwriters in a variety of comedic and serious scenes. Option to act in a class production.

**DRAMA 11 and 12****MDRM-11 / MDRM-12**

Cool scripts from Broadway stage and Shakespeare comprise the core of this course. Participate in improvisation and film acting.

**DRAMA; FILM AND TELEVISION 11****MDFT-11**

Creates a solid foundation for the use of film as an effective tool to communicate ideas and stories. In addition, students will be introduced to the various aspects of the industry: camera techniques, editing, scriptwriting, narrative structure, story boarding, lighting, sound, design, costume, make-up and production. Students will be involved in both individual and group projects. In addition to the above, the students will spend a large portion of the course watching and studying many classic films to enhance their understanding of the film making and aesthetic processes.

**DRAMA; FILM AND TELEVISION 12****MDFT-12**

Film and Television 12 is a full year follow-up course to Film and Television 11. In addition to studying certain films and television shows, students will continue to hone their skills as filmmakers with more engaged and complex film projects. A specific focus will be on the development of the conceptual basis for film creation as students find new and exciting ways to communicate their ideas. A second emphasis will be on the specific development of technical skills in both cinematography and editing of films.

**DIRECTING AND SCRIPT DEVELOPMENT 12****MDRDS12**

This course is one for those who would like to learn how to write short scene scripts. The student will also explore how to successfully direct their fellow classmates in the staging of those scripts. This course is for those who wish to work in creative pursuits.

**DANCE FOUNDATIONS 10 / 11 / 12****MDCF-10 / MDCF-11 / MDCF-12**

This course explores elements of dance, dance language; technical, composition and, performance skills, and historical trajectory of a variety of dance techniques, genres and styles within a broad Canadian context.



**GUITAR 9 -12****MMU--09-GU / MMUGT10 / MIMG-11 / MIMG-1212**

Learn to play the guitar with an emphasis on Blues/Rock. Play with a "band" as a rhythm guitarist and/or as a soloist. Students must have their own acoustic guitar. Grade 9 students are welcome.

**SCHOOL OF ROCK 10-11-12 (proficiency with a musical instrument is required) MMUCM10/MMUCM11/MMUCM12**

Learn what it takes to be in a real Rock & Roll band while increasing your confidence and teamwork skills. Consisting of drums, bass, rhythm / lead guitar and vocals, students will form their own bands within the class, compose original music / lyrics and perform for their school community.

**CONCERT BAND 8 / 9 / 10 / 11 BEGINNER BAND (In timetable)****MMU--08-BG / MMU--09-BG / MMUCB10-BG / MMUCB11-BG**

This course is for students who have no previous band experience. Beginner Band students will work together to learn a variety of music styles. They will learn the basics of musical tone, music notation, theory, performance, and analysis of musical performances. Possible instruments are: Flute, Clarinet, Trumpet, Trombone, and Baritone. Students will have opportunities to travel (within in the lower mainland, Canada, and abroad!) and perform in the community. They will also perform in four public concerts held at PMSS.

**CONCERT BAND 8-12 (In Timetable)****MMU--08-CB / MMU--09-CB / MMUCB10 / MMUCB11 / MMUCB12**

Pre-Requisites: 1+ years of instrumental study in Elementary or Secondary band or permission of the Band Director.  
The Intermediate Concert Band is for students with previous experience on their instruments. Students in Intermediate Concert Band will work as a team to master music of many different styles. Students will develop skills on their instruments through scale and arpeggio studies that will allow them to tackle more challenging music as an ensemble. Students will have opportunities to travel (within in the lower mainland, Canada, and abroad!) and perform in the community. Students will showcase what they learn at department concerts and on trips to local and out-of-town festivals. Daily participation and a team-centered approach is imperative for participation on this ensemble.

**MUSIC 8-9-10-11-12: JAZZ BAND A.M. & P.M. BLOCK****MMU--08-JB / MMU--09-JB / MMUJB10 / MIMJB11 / MIMJB12**

Pre-Requisites: 1+ years of instrumental study in Elementary or Secondary band or permission of the Band Director.  
Co-Requisites: Grade 8 students wanting to join jazz band must also be enrolled in Intermediate Concert Band.  
Students in Instrumental Jazz Ensemble will tackle the music of many of the great swing, rock, R&B, Funk, Blues, and Latin American musicians of the past 60 years. An emphasis on ensemble and solo playing will allow students to develop as a team and as individual players. Students will have opportunities to travel (within in the lower mainland, Canada, and abroad!) and perform in the community. Students will also showcase what they learn in four public concerts at PMSS, including a jazz night at the school, and local and out-of-town music festivals where they will work with great jazz musicians from around the world. Offered Mondays from 7:30-8:25 am and Wednesdays from 2:50-4:20 pm.

**MUSIC 8-9-10-11-12 CONCERT CHOIR A.M. & P.M. BLOCK****MMU--08-CC / MMU--09-CC / MMUCC10 / MCMCC11 / MCMCC12**

Everyone can sing, whether it's in the car to the radio, in the shower in the morning, or "happy birthday" for a friend or family member. This course will allow you to develop your voice through singing together with others, learning healthy vocal technique, singing in small groups and participation in four department concerts. Students will learn to sing in a variety of styles: pop, rock, a cappella, musical theatre, classical, jazz, ballads, etc. No previous musical experience is necessary! This course is open to all students in grades 8-12 willing to work as a team and have fun, all while learning a variety of skills that will serve you in many areas of your life (teamwork, leadership, presentations, confidence, and becoming more aware of different cultures). Students will have opportunities to travel (within in the lower mainland, Canada, and abroad!) and perform in the community. Offered Tues. from 2:50-4:20PM Thurs. from 7:30-8:25AM

## INFORMATION AND COMMUNICATION TECHNOLOGY

### COMPUTER STUDIES 10

MCSTU10

Information and Communication Technologies 10 is an introductory course on the use of computer applications. This "hands on course" will teach students to use current software and hardware to develop skills in computer programming, graphics, digital audio, word processing/desktop publishing, digital video, animation and web site design.

### VISUAL ARTS: MEDIA ARTS 11

MVAMT11

Media Arts 11 is an introductory course in digital 2D drawing and 3D animation. This "hands on" course will teach students to use current software to develop skills in drawing, character development and modeling, storyboarding, and animation development. No drawing or art experience is necessary. Successful completion of this course will permit students to take the advanced Computer Information Systems 12 course where students will have a choice in what projects they wish to pursue in digital art and animation.

### COMPUTER SCIENCE 11

MMACS11

Computer Information Systems 11 is an introductory course into the functions of a computer and computer programming. This "hands on" course will teach students to use current software and hardware to develop skills in computer programming. Successful completion of this course will lead to the advanced Computer Information Systems 12 course where students have a choice in what projects they wish to pursue in computer programming.

### COMPUTER SCIENCE 12

MMACS12

Computer Information Systems 12 is an advanced level hands-on course. Students will embark on larger in-depth projects in one of the three main topic areas: Computer programming, Digital Media, or Digital Animation. This is a post-secondary approved course.

Prerequisite: MICTS11 (Comp Info Systems 11), YCAIS1A-DV (Digital Video & Animation), or MVAMT11 (Visual Arts: Media Arts 11).

### ELECTRONICS AND ROBOTICS 10- ROBOTICS 11 - ROBOTICS 12

MTEAR10 / MTROB11 / MTROB12

This is a fast-paced, hands-on course where students have the opportunity to design, build, and program robots of various designs. Focus will first be on the design process and students will learn the basics of construction as well as how to keep a standardized engineering notebook. Next, students will have numerous opportunities to build various versions of robot. Then, students will learn various coding skills, starting with block-based coding. Finally, students will get hands-on experience in bread boarding electronics and soldering to learn how basic circuits work as they relate to robotics. Teamwork skills and interpersonal skills are strengthened in this fast-paced team environment.

### MICROSOFT ACADEMY 11 (Computer Information System)

MCINF11 / MCINF12

This class enables students to obtain official certifications in a variety of Microsoft and Adobe programs. This is a self-directed course in which students decide what program they wish to work on and when they are ready to take the official Microsoft and Adobe examinations. This course will help students get an advantage when it comes to job applications and performance. Students will also gain confidence in the Microsoft Office Suite, which can improve efficiency with other courses both in High School and University. As this course is self-directed the number of obtainable certifications can range from Word or Excel specialists to the ultimate goal of obtaining a MOS Master Certification or Adobe Expert Certification.

## MECHANICS AND REPAIRERS

### MECHANICS 10

MTPOW10

A 'hands on' course using hand and air tools, mechanical skills, bodywork and painting. Learn how power is generated and transmitted. Reassemble a small internal combustion engine, build a miniature car project and understand two and four stroke engines.

### AUTOMOTIVE TECHNOLOGY 11- AUTOMOTIVE TECHNOLOGY 11; CAR CARE

MTAUT11 / MTAUT11-CC

Learn basic automotive theory, automotive tools and shop practices. The course is mostly "hands on" and includes principles of the automobile and motor; basic automotive servicing and preventative maintenance; tune-ups; brake and tire servicing. Mechanics 9/10 is recommended.

### AUTOMOTIVE 11B • SERVICE AND REPAIR

YMR11B

A continuation of Automotive 11 offering additional shop time and instruction. Material covers exhaust and emission systems, fuel delivery systems, suspension systems, electrical service, diagnostics and welding/cutting. Open to grades 10, 11 and 12.

### AUTOMOTIVE 12

MTAUT12

Expand on principles of theory and shop procedures learned in Automotive 11. More detailed instruction provided in diagnostics and repair procedures. Students are expected to be self-motivated and involved in practical (hands on) work and engine rebuilding. Open to Auto 11 students.

### ENGINE AND DRIVE TRAIN 12

MTEAD12

Expand on principles of theory and shop procedures acquired in Auto Technology 11. Greater detailed instruction and attention on troubleshooting, diagnosis, assessment and repair procedures. Students are expected to devote a majority of the course to a multitude of applied mechanical skills, from preventative maintenance to engine rebuilding. Requires independent work- emphasis on practical work. Open to students in Auto 11/11B/12.

## Shop Classes

### **WOODWORK 9**

**MADW-09**

An introductory "hands-on" woodworking course where students will design, build and construct small projects using a variety of hand-held and power tools. Students will learn about how to conduct themselves in a shop environment while following safety protocols and general procedures.

### **WOODWORK 10**

**MWWK-10**

Students will use the knowledge acquired in Woodwork 9 and add valuable machine and power tools skills to design and fabricate small furniture items. Students will also learn basic cabinet making procedures using plywood edged in solid wood. Finally, students will begin using a CNC (computer numerically controlled) router to design and create more elaborate projects. They will continue to follow safety protocols and procedures.

### **WOODWORK 11**

**MWWK-11**

An advanced "hands-on" course focusing on millwork, and cabinet & furniture making. Gain knowledge in the use of tools and machines. Learn shop safety and procedures, design and dimensioning, stock selection, and pricing. Quickly develop woodworking skills while accomplishing the construction of a unique piece of furniture. Students will continue using a CNC router to design and create more elaborate projects. They will integrate software in their project to personalize and engrave their wood projects. Woodwork 10 strongly recommended.

### **WOODWORK 12**

**MWWK-12**

Advanced hands-on course building on former skills, while constructing individual projects. Students will continue using a CNC (computer numerically controlled) router to design and create more elaborate projects. They will integrate software in their project to personalize and engrave their wood projects. Requires strong wood working skills (Wood Working 10; Carpentry & Joinery 11).

### **METAL WORK 9 (TECH. ED.)**

**MADM-09**

An exciting hands-on introductory course consisting of several projects: metal sculpture and home décor items, and a self-determined project. Topics include shop safety, hand tool use and identification, machine use and welding processes.

### **METAL WORK 10 (TECH. ED.)**

**MTMET10**

Complementing Metalwork 9, there is a focus on welding/ joining processes emphasizing accuracy, design and quality. Projects may include floor/table lamps, metal safes and metal sculpture. Projects are both teacher-assigned and self-directed.

### **METAL WORK 11**

**MTMET11**

Advanced course utilizing the milling machine, lathe work, and metal-joining process. Develop a skill level in all shop areas, while using precision machining and welding/ fabrication. Design and build a major project. Requires a solid understanding of project expectations, machine operation and shop safety, including written & practical safety assessments.

### **METAL WORK 12**

**MTMET12**

A continuation of Metal Fabrication 11 focusing on planning, project design, dimensioning and cut lists. Requires a strong understanding of all aspects of the metal shop. In addition to assigned projects, demonstrations and safety lessons, students are expected to have personal project.

### **MACHINING AND WELDING 12**

**MTMAW12**

Students must arrive in September with dimensioned plans and cut lists, or project ideas. See instructor prior to signing up for this course to ensure it is right for your skill level and work style.

### **SKILLS EXPLORATION 10, 11 AND 12**

**MSTX-1A / MSTX-2A**

This program is for Grade 10-11-12 students who are looking to pursue a career in the trades and may not be sure which trade to enter. This course is also for students who are seeking to develop a diverse skill set but may not be looking to pursue a career in the trades. Prior Tech-Ed experience is helpful but not necessary for this course; however, priority will be given to students with a strong work ethic and technical background. Students will be exposed to various hands-on trades through four exploration modules. The Trades Exploration course will include: Residential Framing Carpentry, Residential Electrical, Residential Plumbing, and Exploration of Welding. These 4 modules will help students to explore and gain an understanding of the fundamental skills required for these and other Post- Secondary Trades opportunities. Guest speakers and visits to industry training sites, as well as post- secondary institutions, will help to enhance course concepts and theory.

**SPECIALTY COURSES** (Application or teacher permission required)**ATHLETIC LEADERSHIP 11****YHRA-1E-AL**

Athletic Leadership is an elective course designed to promote leadership skills to support athletics and health in both our community and school. This course is open to students in grades 10, 11, and 12. Students can show leadership by coaching, assistant coaching, scorekeeping, refereeing, helping with the set up for games, help run intramurals (you can still participate in intramurals), and organizing and implementing school wide sport and health theme days such as Pep rallies, jersey day, healthy eating challenges and movement breaks. (Not in regular schedule)

**ATHLETIC LEADERSHIP 12****YHRA-2E-AL**

Athletic Leadership is an elective course designed to continue developing leadership and mentoring skills in order to support athletics and health in both our community and school. Students will be expected to be able to help with set up and take down of equipment, scorekeeping, officiating, coaching and possibly supporting younger athletes in the elementary system with athletic activities. These two courses will be out of the regular timetable, primarily after school and sometimes during lunch. (Not in regular schedule)

**LINK CREW 11 (PEER LEADERSHIP 11)****YIPS-1B-FY (YIPS-1G-LC)****LINK CREW 12 (PEER LEADERSHIP 12)****YIPS-2B-FY**

This course focuses on the skills and knowledge needed to promote Link Crew's philosophy of "Students Helping Students Succeed". At its core, Link Crew's program provides a structure in which students in the Link Crew Course are given opportunities throughout the semester to guide grade eights toward academic and social success in high school. Students who take this course will be provided opportunities to develop communication, organization, and leadership skills in order to become more effective positive role models, motivators and teachers, guiding others in discovering what it takes to be successful in high school. Students will have multiple opportunities to hone their skills through their interactions with their teacher-coordinators, classmates and their grade eight Link Crew. Ongoing feedback, reflection and formal evaluations help guide individual progress in the course. Experiential learning activities, practical leadership experiences, and targeted skill development workshops help to empower students to bring about positive change in themselves and others, becoming stronger school leaders and mentors in the process. An application, successful completion of a group interview and a Link training session are requirements needed. Apply here: <https://goo.gl/forms/ljsZTk4CpOgVysk1>

**PEER SOCIAL SUPPORT 12****YPA--2C-PS**

This course offers students the opportunity to develop the knowledge and skills necessary to be more empathetic peers and community members towards individuals with disabilities. Students will develop knowledge on how disabilities impact an individual physically, socially, behaviourally, and emotionally. Students will work with students who have different special needs. Apply here: <https://goo.gl/forms/rOIGSmND0PGUJeO2>

**LEADERSHIP 10 / 11 / 12****YCPA-0A-LE / YIPS-1E-LE / YIPS-2E-LE**

Leadership is designed to develop and enhance Leadership skills through classroom activities, community service, and activities. Students will learn Leadership theories associated with event planning, team building, communication, and ethical decision making, among others. Students will plan, implement, and participate in a variety of activities throughout the year, such as the Terry Fox Run and Winter Food and Clothing Drive. Positively impact the school, community, and world. Regular attendance is necessary. Application required.

**STUDENT AIDE 11 / 12****YIPS-1D-SA / YIPS-2D-SA**

The purpose of Student Aide 11/12 is to provide the sponsor teacher with support in all aspects in their classroom. The Student Aide will be mentoring students in class, though the sponsor teacher may assign other appropriate classroom duties. In the mentoring role, the Student Aide will research different barriers to learning and discover various learning strategies. They can assist students towards increased independence, self-management and motivation. Assessment will include a bi-weekly reflective journal and sponsor teacher's evaluation. Application required.

**LIBRARY SCIENCE 11****YED-1A-LS**

This course provides students with an in-depth study of library management, organization and services. Students will learn research and information technology skills that will be useful in their future studies. This course provides students with an opportunity to practice work related skills in serving the public and facilitating small group activities. Students have an opportunity to explore library or information related careers. Library Science 11 will give students who are motivated, self-starters the opportunity to take a course that has a hands-on approach and develops skills related to many careers. To be considered for the program, students must complete an online application: <https://goo.gl/forms/nngfP2HVJmWNzmp1>

**COMMUNITY SERVICE LEARNING 12****YSEC2A-CS**

Providing students with a connection to their community. Students take initiative to be active community members developing their leadership skills. This course is for students with 100 hours of community service outside of Work Experience 12.

**YEARBOOK 11 (GRAPHIC PRODUCTION 11)****MGRPR11**

Produce the school yearbook! Learn how to plan, design, fund, and distribute the yearbook. Content includes writing, editing, layout, photography, budgeting, marketing, and sales.

**YEARBOOK 12 (GRAPHIC PRODUCTION 12)****MGRPR12**

Take a leadership role while mentoring new students, choosing projects, and self-designing pages. Content includes writing, editing, layout, photography, theme development, budgeting, marketing, and sales. Attendance is mandatory. Yearbook 11 is a pre-requisite.

## CAREER LIFE EDUCATION AND CONNECTION

### **CAREER 9**

**MCE--09**

Career Education 9 students will continue to work on the Big Ideas of Career Education 8 as they investigate the role of mentors, family, community, schools, and personal networking in both decision-making and career life planning. This course will be offered as a "pull-out", meaning students will not have a Career Education block in their timetable. Throughout the year, students will be given assignments to complete on their own and will attend and participate in a number of learning opportunities that build upon Career Education 8 (Assemblies, Take your Kid to Work Day, etc). Students will also continue to add evidence of their Curricular Competencies in their portfolio (MyBlueprint).

#### Options for completing Career Education requirements include:

- Career Life Education 10 / Career Life Connections & Capstone Grade 11 or 12
- Career Life Education 11/ Career Life Connections & Capstone Grade 12

### **CAREER LIFE EDUCATION 10**

**MCLE-10**

Career Life Education will give students the opportunities to explore and research a multitude of education and career pathways and will introduce them to job seeking and keeping skills. A variety of professional guest speakers and field trips will complement the course. Students will also continue to add evidence of their Curricular Competencies to their portfolio on MyBlueprint and be introduced to the required Capstone Project.; a culminating project that allows students to demonstrate their learning through an area of interest.

#### **Components of the course include:**

- Interview fair
- Worksafe BC Certification (required for Work Experience)
- Financial Planning
- Career Exploration / Labour market Trends / Global Economies
- Course Selection / Grad requirements / Post-Secondary requirements
- 30 hours of volunteer / work experience / job shadow
- Capstone Mock Portfolio project

### **CAREER-LIFE CONNECTIONS 12**

**MCLC12**

Career Life Connections enables students to continue developing skills needed to be self-directed individuals who set goals, make thoughtful decisions and take responsibility for their future. Students will explore educational opportunities and careers and will hone their understanding of health and financial planning. Students will design, assemble, and present their Capstone project.

### **CAPSTONE**

Career Life Connections concludes with an "exhibition of Learning" that highlights their interest or passion.

### **ACADEMIES**

*Additional programs available at SD42 Secondary Schools ([www.sd42.ca/academies](http://www.sd42.ca/academies))*

- Co-ed Basketball Academy - Westview Secondary
- Dance Academy - Thomas Haney Secondary
- Digital Arts – Maple Ridge Secondary (Must be enrolled at MRSS)
- Equestrian – Thomas Haney Secondary
- Interdisciplinary Arts – Garibaldi Secondary
- International Baccalaureate – Garibaldi Secondary
- Microsoft Academy – Westview Secondary and Pitt Meadows Secondary
- Soccer – Westview Secondary

## PITT MEADOWS and SRT SECONDARY HOCKEY ACADEMY

**PACIFIC RIM HOCKEY ACADEMY 8-9-10-11-12**

**MPHE-08-HK / MPHE-09-HK / YLRA-0A-AH / YLRA-1G-AH / YLRA-2G-AH**

*PRHA and Pitt Meadows Secondary offer a program to give students the opportunity to balance educational requirements and to develop hockey skills. Open to students in grades 8 to 12.*

## LEARNING SERVICES

To equip students with skills and confidence necessary to be independent, disciplined, and motivated learners. Programs range from learning support blocks to individual programs.

How Can I Get Support?

1. Students may drop-in or receive short-term support after discussing needs with classroom teacher.
2. Students may be identified as requiring a case manager.
3. Students may receive long-term or full-year support by being enrolled in a support block (requires approval from School Based Team and Special Education Department Head). Entrance into support programming is based on advisement by the Special Education Department at PMSS. Information may be provided by a grade 7 teacher or PMSS support teacher, file reviews, assessments, and School Based Team recommendations. In addition, parent permission must be granted.

## WORK EXPERIENCE

Course consists of approximately 100 hours of work experience (job shadow or volunteer), creating a resume, employer and self-evaluations, and completing a work experience report. See Career Counselors for more information

### Work in Trades (Formally Secondary School Apprenticeship)

Designed for students 15-19 yrs. old who are interested in skilled trades training. Students earn up to 16 graduation credits (4 senior level courses) and a \$1000 award upon successful completion of the program. The Work in Trades program is a partnership between SD42, an employer, and the Industrial Training Authority. The goal of the program is to give students a head-start into apprenticeships that prepares them for a career in the trades.

### Apprenticeship Training Programs Grade 10, 11, & 12

School District No. 42 and various post-secondary institutions and trades training organizations have joined together to offer apprenticeship training programs to grade 10, 11 & 12 students. Students going into grade 12 now have the option to graduate PLUS get first year post-secondary certification and apprenticeship training in one year and with no tuition fees! If you are already working, you can take part in the Work in Trades Program (Formally – the Secondary School Apprenticeship Program). You can earn 16 credits for working and a \$1000 award.

Note: You are also able to enter into one of Trades programs at the same time. Anyone interested in these programs please call:

Steve Wiebe at 604.318.9792 (email: [steven\\_wiebe@sd42.ca](mailto:steven_wiebe@sd42.ca)) or Brad Dingler at 604.626.1176 (email: [brad\\_dingler@sd42.ca](mailto:brad_dingler@sd42.ca))

All students must apply to gain admission to Youth Train in Trade Partnership Programs by March 31, 2020. Qualified students will be accepted based on the following criteria: academic achievement, work habits, attitude, attendance, and date of application. Students are advised to apply early as there are limited seats available. Typically, program applications exceed availability. Partnerships are with BCIT, Kwantlen Polytechnic University, and Vancouver Community College. The following programs are available:

- 1) Automotive Service Tech (BCIT) at WSS
- 2) Carpentry Level I (KPU) at SRT
- 3) Construction Carpentry (KPU) at GSS
- 4) Culinary Arts (VCC) at SRT
- 5) Plumbing/Pipefitting (KPU) at GSS
- 6) Metal Fabrication (BCIT) at SRT
- 7) Electrician Level I (BCIT) at GSS
- 8) Hairstylist (VCC) at SRT
- 9) Masonry/Bricklaying (KPU) at PMSS
  
- 10) Landscape Horticulture (KPU)

More info and applications can be downloaded in the Career Centre or at [Apprenticeship.sd42.ca](http://Apprenticeship.sd42.ca)

## CONNECTED LEARNING COMMUNITY

Connected Learning Community (CLC) is an online school, which is part of the Maple Ridge/Pitt Meadows School District. The school is based at Riverside Centre and offers online (distant learning) courses for adult students over 19 years of age and school aged students (under 19). CLC allows you to "Learn on the Run – Learn Anywhere, Learn Anytime". CLC makes it easy to get a quality education, based on the British Columbia Prescribed Learning Outcomes allowing students to earn a Dogwood Graduation Certificate at the time and place of your choosing.

For further information please see the school counselor or visit SD42 website at <http://clc.sd42.ca>

