



**PITT MEADOWS  
SECONDARY**

**COURSE SELECTION GUIDE**  
*2021-2022*  
**CATALOGUE DE COURS**

# 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.

To graduate, students will require **80 credits total** – with a minimum of 16 at the Grade 12 level, and 28 elective course credits.

Required Courses = 52 credits from the following:

- Language Arts 10 (2 Combined 2-Credit courses) (4 credits)
- A Math 10 (4 credits)
- Social Studies 10 (4 credits)
- Science 10 (4 credits)
- Physical and Health Education 10 (4 credits)
- Career Life Education (CLE10) (4 credits)
  
- A Fine Arts Education and/or an Applied Design, Skills, and Technologies 10, 11, or 12 (4 credits)
  
- A Language Arts 11 (4 credits)
- A Science 11 or 12 (4 credits)
- A Social Studies 11 or 12 (4 credits)
- A Math 11 or 12 (4 credits)
  
- A Language Arts 12 (4 credits)
- Career Life Connection-Capstone (CLC12) (4 credits)

## PROVINCIAL GRADUATION ASSESSMENTS

There are three Provincial Graduation Assessments:

- **GRADE 10** Numeracy Assessment
- **GRADE 10** Literacy Assessment
- **GRADE 12** Literacy Assessment

\*\* The Grade 12 Literacy Assessment, postponed in 2020-21 due to COVID-19 will be implemented in the 2021-22 school year.



## ENGLISH LANGUAGE ARTS

**Lit/Comp 10: LITERARY STUDIES 10 (2 credits) and COMPOSITION 10 (2 credits)**

**MLTST10**

**MCMP510**

**Literary Studies 10** provides students the opportunity to explore texts from a variety of themes, periods, authors, or areas of the world, building on the reading and writing skills they have learned in English 8 and 9. Students will read and explore both classic and modern literary works in a variety of media depending on student and teacher interest, allowing students to follow their passions while building foundational skills in English Language Arts. Students will work both collaboratively and independently to dive deep into both fiction and non-fiction text and explore its ability to both represent and impact the world.

**Composition 10** is designed to support students so they may develop their communication skills by encouraging them to question, explore, sample, and even emulate a variety of texts. Within a supportive community of writers, students will work individually and collaboratively to explore and create purposeful, meaningful, and clear compositions that are both formal/academic and creative in nature. 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, while also developing their ability to express their ideas in other forms of communication such as visual and oral.

**ENGLISH LANGUAGE ARTS: COMPOSITION 11**

**MCMP511**

Building on the skills learned in Grade 10 level English Language Arts courses, Composition 11 allows students to further deepen their understanding of effective communication. Students will both read and write in a variety of styles, exploring texts from many different periods and genres including classic, modern, non-fiction, and alternative texts (such as infographics, podcasts, speeches, graphic novels, etc.) depending on student and teacher interest. Within a supportive community of writers and creators, students will work individually and collaboratively to explore and create purposeful, meaningful, and clear compositions that are both formal/academic and creative in nature. Students will become more well-rounded communicators, honing their ability to express themselves clearly and effectively using a variety of structures and forms.

**ENGLISH STUDIES 12**

**MENST12**

The required English Studies 12 course builds on and extends students' previous learning experiences in ELA 10 and 11 courses. Designed for all students, English Studies 12 provides students 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 as they explore a variety of texts from novels, to poetry, infographics, film, podcasts, non-fiction, and more. Students will work both individually and collaboratively to refine their skills and can expect to read, write, and communicate in a variety of both academic/formal and creative genres, allowing them to pursue passions. Students will learn to be critical of text and information presented to them, ensuring they become informed consumers of text in all forms.



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## **FRENCH IMMERSION** *(French Immersion graduates receive a Double Dogwood Certificate.)*

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**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. This course will also delve into the cultural differences of the Francophonie and how customs and culture play a role in how students view themselves. This course will also help you understand the philosophy of literature and build oral skills through debate and discussions. Students will explore a variety of writing genres (essays, descriptions, and narration) and participate in oral presentations to continue building language competency. Finally, students will learn more composition skills and expand knowledge of drama and film studies related to the wide world of "La Francophonie".

**FRANÇAIS LANGUE 12****FFRAL12**

This course is the apogee of the French immersion program. Continue the philosophy begun in grade 11, reading 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.

**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 10****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 et 12****FSPLG11 / FSPLG12**

COMMUNICATION ORALE 11 aims to improve the oral fluency of immersion students. The emphasis is on oral work (conversations, discussions, debates, role-play, etc.). 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 from novels to music, to movies 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.



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## LANGUAGES

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**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****Pre-Requisite:** *French 9*

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****Pre-Requisite:** *French 10*

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****Pre-Requisite:** *French 11*

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****Pre-Requisite:** *Spanish 9*

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.

**SPANISH 11****MSP-11****Pre-Requisite:** *Spanish 10*

This course is intended for students who have successfully completed Spanish 9 and 10. The grammar and vocabulary will build on topics covered in prior years. 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.



## MATHEMATICS

Post-Secondary Pathways	Grade 10	Grade 11	Grade 12	+ Grade 12
<b>Trade Programs</b>	Workplace Math 10 or Foundations and Pre-calc Math 10	Workplace Math 11 (**See description)		
<b>College or Universities</b> (Arts and Humanities)	Foundations and Pre-calc Math 10	Foundations Math 11	Foundations Math 12	
<b>College or Universities</b> (Math, Sciences, Engineering, Computer)	Foundations and Pre-calc Math 10	Pre-Calculus Math 11	Pre-Calculus Math 12	Calculus 12

### 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 on to 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.

### APPRENTICESHIP AND WORKPLACE MATH 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. \*\*BCIT requires Foundations of Math 11 or higher. Please check institution requirements. (This course satisfies the Ministry of Education's Mathematics Graduation requirements.)

### 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, 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.)

### FOUNDATIONS OF MATHEMATICS 12

### MFOM-12

This elective course is recommended for post-secondary studies in arts. Topics include Financial Mathematics, Set Theory and Logic, Combinatorics, Probability, as well as Polynomial, Logarithmic and Trigonometric 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. Topics include Conics, Limits, Derivatives and Applications, as well as Integration and its applications. Recommended for post-secondary studies in Math and Sciences. There is an option to write Calculus Challenge Exam in June. Students must have completed or be enrolled in Pre-Calculus 12



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## SCIENCES

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### EARTH SCIENCE 11

MESC--11

Earth Science 11 is the study of the earth and its movements. Includes units on: Earth Materials, Plate Tectonics, Atmospheric Composition and Changes, Hydrological Cycle, and Earth and the Solar System.

### LIFE SCIENCES 11

MLFSC11

This biology course introduces students to a variety of biological skills and the study of living organisms. Includes units on: Levels of Organization, Cell Structure and Function, Taxonomy, Viruses, Evolution, Genetic Modifications, and Single cell and Multi-cell Organisms.

### ANATOMY and PHYSIOLOGY 12

MATPH12

This biology course focus is on cells and human body function with an underlying theme of homeostasis and control mechanisms. Includes units on: Biological Molecules, Cells and Transport, Enzymes, DNA and Protein Synthesis, and Organ Systems.

### CHEMISTRY 11

MCH--11

This course is an introduction to the basic concepts involved in the study of chemistry. Includes units on: Atoms and Molecules, Mole Concept, Chemical Reactions, Solubility, and Organic Chemistry.

### CHEMISTRY 12

MCH--12

This course is a lab-oriented course that involves the application of concepts from Chemistry 11. Includes units on: Reaction Kinetics, Dynamic Equilibrium, Solubility Equilibrium, Acid Bases and Salts, and Oxidation Reduction.

### PHYSICS 11

MPH--11

This course uses the science of physics to solve a wide variety of practical problems. Includes units on: Forces and their effects on Motion, Power and Efficiency, Electrical Circuits, Properties and Behaviour of Waves.

### PHYSICS 12

MPH--12

This course continues with a more advanced analysis of topics covered in Physics 11. Includes units on: Relative Motion, Circular Motion, Gravitational / Electric / Magnetic Fields, and Momentum and Collisions.





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## SOCIAL STUDIES

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### 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.

### 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.

### GENOCIDE STUDIES 12

### MGENO12

“...to study genocide is to study our inheritance.” – Adam Jones

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. By participating in this course, it is hoped that students will be inspired “...to believe that a future free of genocide and other crimes against humanity is possible” (Jones 2006).

### 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.

### 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.

### 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.

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## VISUAL AND PERFORMING ARTS

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### VISUAL 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.

#### 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.

#### 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.

#### 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.

#### 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 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 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 possesses 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, photo-journalism, 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  
DRAMA 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**

Film and Television 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.

**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.



## MUSIC:

### **CONCERT BAND 9 - 12**

**MMU--09-CB / MMUCB10 / MMUCB11 / MMUCB12**

**Pre-Requisites:** 1+ years of instrumental study in Elementary or Secondary band or permission of the Band Director.

Concert Band 9 is designed for students with previous experience on their instruments, be it in Elementary or Secondary band in previous years. Students will develop skills on their chosen instrument that will allow them to tackle more challenging music of many different styles. Students will have opportunities to travel (within the lower mainland, Canada, and abroad!) and perform in the community. They will also showcase what they learn at four department concerts and on trips to local and out-of-town festivals.

### **JAZZ BAND 8 - 12**

**MMU--08-JB / MMU--09-JB / MMUJB10 / MMUJB11 / MMUJB12**

**Pre-Requisites:** 1+ years of instrumental study in Elementary or Secondary band or permission of the Band Director.

**Co-Requisites:** Grade 8 and 9 students wanting to join jazz band must also be enrolled in 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 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.

### **CONCERT CHOIR 8 – 12**

**MMU--08-CC / MMU--09-CC / MMUCC10 / MMUCC11 / MMUCC12**

Everyone likes to sing - whether it is in the shower or with the radio. This course provides an opportunity to learn how to better use your voice. **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 different styles of music and a variety of skills and that will serve them in many areas of life (teamwork, leadership, presentations, confidence, and becoming more aware of different cultures). Students will have opportunities to travel (within the lower mainland, Canada, and abroad!) and perform in the community.

### **VOCAL JAZZ ENSEMBLE 8 - 12**

**MMU--08-VJ / MMU--09-VJ / MMUVJ10 / MCMJV11 / MCMJV11**

**Pre-Requisite:** Permission of the Band Director

**Co-Requisite:** Students wanting to join vocal jazz must also enroll in Concert Choir 8-12, Choir 9, or Concert Band.

This performance-based course, offered twice/week, is for students with little or no previous Jazz or Chamber Choir experience. This choir performs its music on individual microphones and students will learn the fundamentals of singing in harmony, soloing using a microphone, improvising, and singing with jazz instrumental accompaniment. This group will get extra opportunities to perform and travel. Interested students should contact the Director.

### **GUITAR 9 -12**

**MMU--09-GU / MMUGT10 / MMUGT11 / MMUGT12**

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 10-12**

**MMUCM10/MMUCM11/MMUCM12**

**Pre-Requisite:** proficiency with a musical instrument is required

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.



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## INFORMATION & COMMUNICATION TECHNOLOGY

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### 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

This class enables students to obtain official Microsoft Certifications in a variety of Microsoft 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 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.



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## BUSINESS EDUCATION

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### 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.

### 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.

### 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].

### ENTREPRENEURSHIP 12

### MENT-12

This course runs as a fully functioning company operating school-based businesses. 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.



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## HOME ECONOMICS

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### 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. Creatively prepare nutrition food. Learn how major ingredients influence good food choices and improve appearance, emotions and energy. Cooking labs will focus on the major nutrients our bodies need to function properly.

### FOODS AND NUTRITION 11

**MFDN-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 in-season food and a cultural component; 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 wellbeing of yourself and others.

### BAKING 12

**YHEC-2D-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.



**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.

**FASHION INDUSTRY 12****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 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 be used to enhance the finished products.

**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.





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## INDUSTRIAL ART

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### WOODWORK 9

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

### MADW-09

### WOODWORK 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.

### MWWK-10

### WOODWORK 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.

### MWWK-11

**Woodwork 10 strongly recommended.**

### WOODWORK 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 10/11).

### MWWK-12

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

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.

### MADM-09

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

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.

### MTMET10

### METAL WORK 11

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.

### MTMET11

### METAL WORK 12

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 plans.

### MTMET12

### MACHINING AND WELDING 12

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.

### MTMAW12



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## MECHANICS & REPAIR

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### MECHANICS 10

**MTEC-10**

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 11: 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.

### 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.

### ENGINE AND DRIVE TRAIN 12

**MTEAD12**

Expand on principles of theory and shop procedures acquired in Auto Technology 11. Greater detailed instruction and attention in regards to trouble-shooting, 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 with an emphasis on practical work. Open to students also enrolled in Auto 12.



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## SPECIALTY COURSES (Application or teacher permission required)

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### THESE COURSES ARE OFFERED OUTSIDE OF THE TIMETABLE AS A 9<sup>th</sup> COURSE

#### 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.

#### 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.

#### LINK CREW 11 (PEER LEADERSHIP 11)

YIPS-1G-LC

#### LINK CREW 12 (PEER LEADERSHIP 12)

YIPS-2G-LC

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/ljsZTk4CpOgVyskt1>

#### LEADERSHIP 10

YCPA-0A-LE

#### LEADERSHIP 11

YIPS-1E-LE

#### LEADERSHIP 12

YIPS-2E-LE

Positively impact the school, community, and world. Activities may include: planning school events, fundraising for organizations, environmental initiatives, athletic leadership, and mentoring. Regular attendance is necessary. **Application required.**

#### 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*



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## CAREER LIFE EDUCATION & CONNECTION – REQUIRED COURSES

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### 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 guests 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

### MCLCG12

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.



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## **WORK EXPERIENCE** (Application or teacher permission required)

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THESE COURSES ARE OFFERED OUTSIDE OF THE TIMETABLE AS A 9<sup>th</sup> COURSE

### **WORK EXPERIENCE 12**

**MWEX-2A/MWEX-2B**

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.

### **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.




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## **PMSS HOCKEY ACADEMY**

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

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

PRHA (Pacific Rim Hockey Academy) and Pitt Meadows Secondary offer this program to give students the opportunity to balance educational requirements and to develop hockey skills. Open to students in grades 8 to 12, students enrolled in Hockey Academy receive required credit for their grade-level PHE8, PHE9 and PHE10 through this course. In addition to Hockey activity, students will complete the health component of PHE 8-10 through package content and learning opportunities provided through guest speakers.



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## DISTRICT ACADEMIES

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

• <b>Co-ed Basketball Academy</b>	Westview Secondary
• <b>Dance Academy</b>	Thomas Haney Secondary
• <b>Digital Arts</b>	Maple Ridge Secondary (Must be enrolled at MRSS)
• <b>Equestrian</b>	Thomas Haney Secondary
• <b>Hockey</b>	Pitt Meadows Secondary
• <b>Hockey</b>	Samuel Robertson Technical School
• <b>Interdisciplinary Arts</b>	Garibaldi Secondary
• <b>International Baccalaureate</b>	Garibaldi Secondary
• <b>Microsoft Academy</b>	Westview Secondary
• <b>Soccer</b>	Westview Secondary

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## SECONDARY SCHOOL APPRENTICESHIPS

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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 scholarship upon successful completion of the program. SSA is a partnership between SD42, an employer, and the Industrial Training Authority. The goal of the SSA program is to give students a head start into apprenticeships that prepares them for a career in the trades.

### Apprenticeship Training Programs Grade 12

School District No. 42 and various post secondary institutions and trades training organizations have joined together to offer apprenticeship training programs to grade 12 students and adult learners. 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 **Secondary School Apprenticeship Program**. You can earn 16 credits for working.

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, 2021. 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:

• <b>Automotive Service Tech</b>	(BCIT) at WSS
• <b>Carpentry Level I</b>	(KPU) at SRT
• <b>Construction Carpentry</b>	(KPU) at GSS
• <b>Culinary Arts</b>	(VCC) at SRT
• <b>Plumbing/Pipefitting</b>	(KPU) at GSS
• <b>Metal Fabrication</b>	(BCIT) at SRT
• <b>Electrician Level I</b>	(BCIT) at GSS
• <b>Hairstylist</b>	(VCC) at SRT
• <b>Masonry/Bricklaying</b>	(KPU) at PMSS
• <b>Landscape Horticulture</b>	(KPU)

More info and applications can be downloaded in the Career Centre or at

[Apprenticeship.sd42.ca](http://Apprenticeship.sd42.ca)