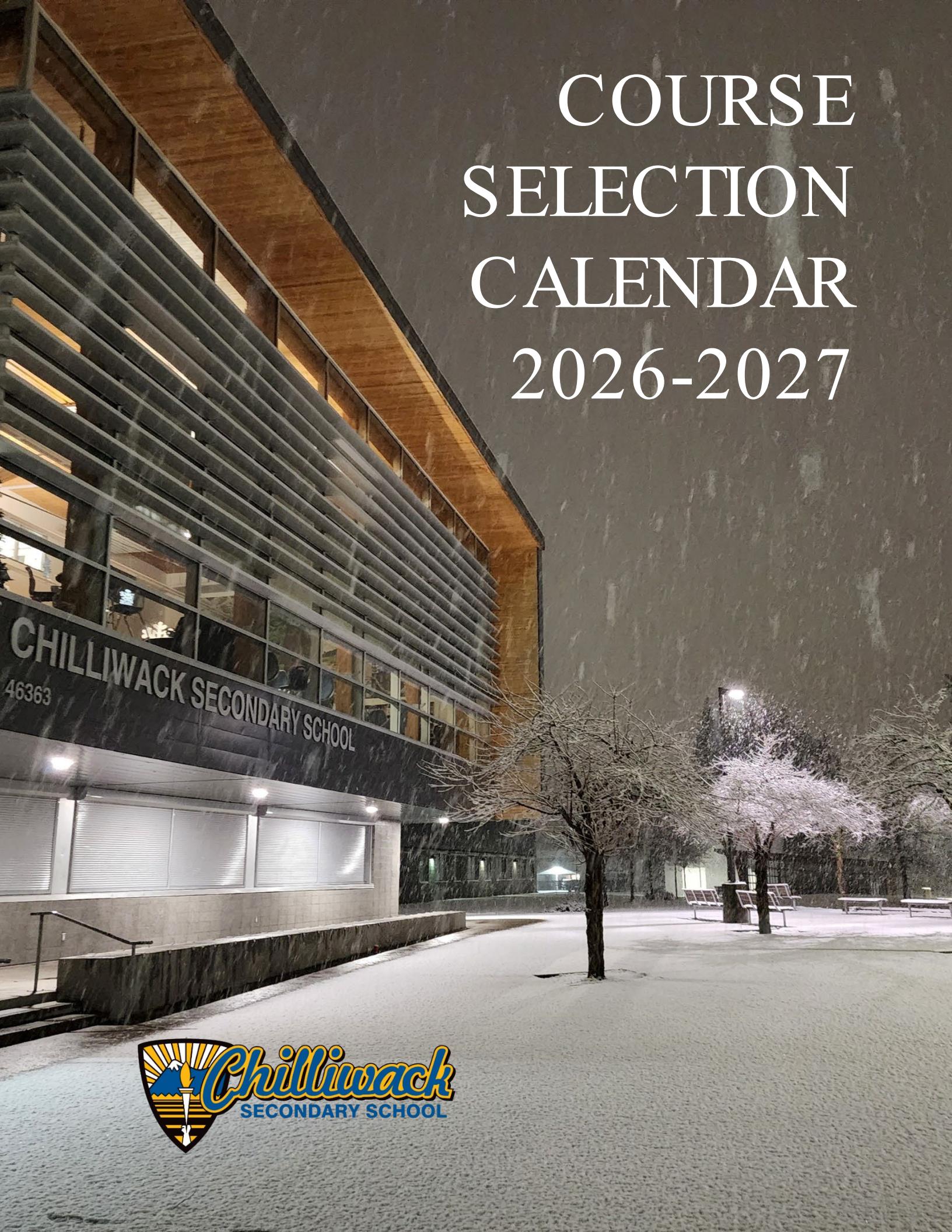


# COURSE SELECTION CALENDAR 2026-2027



# COURSE SELECTION CALENDAR 2026-2027



---

## SCHOOL MISSION STATEMENT

*We are committed to helping each student realize personal excellence in a caring and cooperative learning community.*

Welcome to Chilliwack Secondary School, a school that offers a wide range of academic programs as well as exceptional extracurricular opportunities.

## INTRODUCTION

Our staff would like to extend a special welcome to the students and parents that are new to Chilliwack Secondary School and our community. We are looking forward to a wonderful and productive year with our students, focusing on excellence and pride in their achievements.

We hope that all parents will take an active interest in their children's education. We urge and welcome you to contact the school whenever the need arises and please feel free to ask for any information and/or assistance at any time. We believe in the importance and value of planning together with parents, students and staff to ensure that every student is a successful graduate prepared for opportunities beyond graduation.

Students, consider your course selections seriously, with future goals in mind. This Course Calendar contains information on requirements for BC high school graduation. We encourage parents and students to read carefully before choosing courses. If you have any questions or require further assistance, see an administrator, counsellor, or a teacher with whom you can discuss your future plans. We all have a genuine interest in seeing that your course planning needs are met.

Our main interest is to ensure that each student's program needs are satisfied, graduation requirements are attained, and that entrance requirements to post-secondary goals and/or the world of work are fulfilled.

CSS Administrative Team

Danielle Wicker, **Principal**

Devin Atkins, **Vice Principal**

Grant Kushniryk, **Vice Principal**

Kate Campbell, **Vice Principal**

## COUNSELLING SERVICES

---

Last Name <b>A to F:</b>	Ms. S. Linau	stephanie_linau@sd33.bc.ca
Last Name <b>G to M:</b>	Mrs. S. Lee	sarah_lee@sd33.bc.ca
Last Name <b>N to Z:</b>	Mr. M. Cameron	michael_cameron@sd33.bc.ca
Career Advisor:	Mrs. K. Soltys	korilea_soltys@sd33.bc.ca

Counsellors are available on an appointment basis. Students can email their counsellors to ask a question or to make an appointment.

School counsellors provide a continuum of preventative, developmental, remedial, and intervention services and programs and facilitate referral to community resources. The school counsellor's role includes counselling, school-based consultation, co-ordination and education. The school counsellor does not discipline, but rather helps in the development of effective behavioral change.

All students are encouraged to make informed decisions when selecting their classes. All students must complete a course selection form with final selections. All students are required to provide three to five alternate course selections. This selection phase is very important as the tallies gathered from the students' choices determine the classes offered for the next year. Every effort is made to enable students to get their chosen courses. However, due to timetable constraints, sometimes alternate course selections are used. It is the students' responsibility to check their previous report cards and select courses that are required for graduation. Graduation requirements are listed in this book, online on the school's website and counsellors will provide information during the course selection process.



### PLANNING FOR GRADUATION AND BEYOND BEGINS WELL BEFORE GRADE 12

In fact, it begins about the middle of your grade eight year as you begin the course selection process for grade 9. As you select your courses for grade 9 you must have in mind your educational goals and career aspirations for the future and choose your courses wisely.

In grades 9 through 12, you will have the opportunity to revisit and revise your goals as you go through the course selection process.

Make note that you may need to take particular courses in secondary school in order to prepare for particular post-secondary programs. Every program in every post-secondary institution is different. Each one has its own special requirements. You need to keep this in mind as you select your courses.

MyBlueprint & Education planner are useful tools in planning for course selection

**ASK MANY QUESTIONS.**  
Seek information to assist in making the right choices for you.

**PLAN FOR SUCCESS.**  
Set goals and seek to achieve them.

Use the  
**GRADUATION REQUIREMENTS**  
planning sheet

Use this sheet to plan your courses for graduation.

We strongly recommend students discuss their plans with a parent/guardian.

# GRADUATION REQUIREMENTS PLANNING SHEET

Successful Completion of <input type="checkbox"/> Numeracy Assessment	<input type="checkbox"/> Literacy Assessment 10	<input type="checkbox"/> Literacy Assessment 12
COURSE REQUIREMENTS		CREDITS
<input type="checkbox"/> An English Language 10 (Composition & Creative Writing 10, Composition & Literature Studies 10 or English First Peoples Literary Studies & Writing 10 *This course meets the Indigenous grad requirement	<input type="checkbox"/> Social Studies 10 (Social Studies 10, Humanities 10 *This course meets the Indigenous grad requirement	Each course is worth 4 credits
<input type="checkbox"/> Science 10	<input type="checkbox"/> A Math 10 (Foundations of Mathematics and Pre-Calculus 10 or Workplace Math 10)	
<input type="checkbox"/> Physical and Health Education 10	<input type="checkbox"/> Career Life Education (CLA) 10	
<input type="checkbox"/> An English Language 11 (Creative Writing 11, Literature Studies 11 or English First Peoples Literature Studies & Writing 11 *This course meets the Indigenous grad requirement	<input type="checkbox"/> A Social Studies 11 and/or 12 (Explorations in Social Studies 11, 20th Century World History 12, Physical Geography 12, Law Studies 12, Genocide Studies 12, Social Justice 12, Philosophy 12 BC First People 12, *These courses meet the Indigenous grad requirement	
<input type="checkbox"/> A Science 11 and/or 12 (Anatomy 12, Chemistry 11, 12, Earth Science 11, Environmental Science 11, 12, Geology 12, Life Science 11, Physics 11, 12 and/or Science for Citizens 11)	<input type="checkbox"/> A Math 11 and/or 12 (Apprenticeship Math 12, Calculus 12, Computer Science 11, 12, Foundations of Mathematics 11, 12, History of Math 11, Pre-calculus 11, 12 and/or Workplace Mathematics 11)	
<input type="checkbox"/> Career Life Connections 2 credits in grade 10 & 2 credits Capstone	<input type="checkbox"/> English Studies 12 and/or English First Peoples 12 *This course meets the Indigenous grad requirement	
<input type="checkbox"/> Indigenous Course Requirement English First Peoples Literary Studies & Writing 10, English First Peoples Literature Studies & Writing 11, BC First People 12, English First Peoples 12, Intro Halq'emeylem 11	<input type="checkbox"/> Electives _____ <input type="checkbox"/> _____ 12 <input type="checkbox"/> _____ 12 <input type="checkbox"/> _____ 12 <input type="checkbox"/> Art or Applied Skill _____ 10 / 11 / 12 <input type="checkbox"/> _____ 10 / 11 / 12	
<b>Total Credits</b>		<b>80</b>
<b>ADDITIONAL COURSES - PSI Entrance Requirements</b>		
<input type="checkbox"/> _____ 10 / 11 / 12	<input type="checkbox"/> _____ 10 / 11 / 12	
<input type="checkbox"/> _____ 10 / 11 / 12	<input type="checkbox"/> _____ 10 / 11 / 12	
<input type="checkbox"/> _____ 10 / 11 / 12	<input type="checkbox"/> _____ 10 / 11 / 12	
<input type="checkbox"/> _____ 10 / 11 / 12	<input type="checkbox"/> _____ 10 / 11 / 12	

All students are required to have 8 classes per year. Minimum 4 Courses Semester 1 & 4 Courses Semester 2

## CAREER CENTRE

---

The Career Centre is located just outside the counselling center and is a valuable source of career and post-secondary information for all students. A center where students, parents & teachers can access post-secondary, scholarship, work experience and other sources of career-related planning information, our Career Advisor is available to assist with career searches and address queries. Please contact the school Career Advisor Mrs. Soltys by phone 604-795-7295 or email [korilea\\_soltys@sd33.bc.ca](mailto:korilea_soltys@sd33.bc.ca). Current scholarship information can be viewed online at [css.sd33.bc.ca](http://css.sd33.bc.ca)

### POST SECONDARY TRAINING AND EDUCATION

Many jobs require education and training beyond high school graduation. In a competitive job market, having **SPECIALIZED SKILLS AND KNOWLEDGE** will provide you with an advantage. You need to make some selective decisions related to your interest and ambitions. The following information provides an overview of some of the major routes you can follow. Acquaint yourself with what each has to offer.

**HIGH SCHOOL GRADUATION IS ONLY A START! REMEMBER** – Each post-secondary institute has its own unique entrance requirements, depending on the specific faculty and program. Each student is responsible to check these carefully **prior** to course selection.

**UNIVERSITY COLLEGES** offer many types of programs ranging in length from two months to four years. Students can take the first year and/or second year of university transfer courses, some complete degree programs, a variety of diploma or certificate programs in career areas, or high school equivalency upgrading.

**UNIVERSITIES**: do not necessarily offer specific career training but provide an enriched educational foundation for those interested in preparing for professional schools such as administration, engineering, childcare, education, social work, etc., or for those interested in simply learning for its own sake. Programs, requirements, and fees differ, so it is advisable to consult specific calendars and contact the Admission offices for each.

**NOTE: Please be aware of the admission timelines for Universities. See your counsellor for more information.**

### TYPES OF POST-SECONDARY EDUCATION

Early decisions about general career directions are helpful to enable you to select not only the appropriate post-secondary institution, but also the program or faculty. Also, there are required and recommended secondary school courses that must be taken to enter certain universities and programs. Check the calendars or admission guides of universities you wish to attend. These booklets outline the programs and entrance requirements, and application dates are available from your school counsellor or the Career Advisor.

### CURRENT MINIMUM BC UNIVERSITY ADMISSION REQUIREMENTS

(Check University calendars for up to date/official program details)

Research online at the following websites or see our Career Advisor.

British Columbia Institution of Technology	Burnaby, BC	<a href="http://www.bcit.ca">www.bcit.ca</a>
Capilano University	North Vancouver, BC	<a href="http://www.capilanou.ca">www.capilanou.ca</a>
Douglas College	New Westminster, BC	<a href="http://www.douglas.bc.ca">www.douglas.bc.ca</a>
Kwantlen University	Surrey, BC	<a href="http://www.kwantlen.bc.ca">www.kwantlen.bc.ca</a>
Trinity Western University	Langley, BC	<a href="http://www.twu.ca">www.twu.ca</a>
University of British Columbia	Vancouver, BC	<a href="http://www.ubc.ca">www.ubc.ca</a>
Thompson River University	Kamloops, BC	<a href="http://www.tru.ca">www.tru.ca</a>
University of the Fraser Valley	Abbotsford/Chilliwack, BC	<a href="http://www.ufv.ca">www.ufv.ca</a>
University of Northern BC	Prince George, BC	<a href="http://www.unbc.ca">www.unbc.ca</a>
University of Victoria	Victoria, BC	<a href="http://www.uvic.ca">www.uvic.ca</a>

### GRADE ACADEMIC COURSES

Universities accept these courses, but further research is required.

Biology 12	BC First Nations 12
Geology 12	English Literature 12
Pre-Calculus 12/ Calculus	Foundations of Math 12
Chemistry 12	Social Justice 12/ Law 12
Physics 12	Comparative Civilizations 12 (at most Universities)
History 12	Along with most Language 12 courses

## COMMONLY USED POST-SECONDARY TERMS

### **Prerequisite:**

Courses or a grade point average (GPA required to get into a specific course or program).

### **Calendar:**

This is an official listing of all programs available at a specific post-secondary institution. It also provides information on admission requirements, important dates, tuition and fee schedules, and broad policies about the school.

### **Post-Secondary:**

Any public or private institution offering education or training after high school.

### **Credit:**

The weight or value given to a particular course at a school, college or university.

### **Certificate Program:**

A program, usually a year or less, in job specific training. Completion leads to employment or can transfer to a two-year program.

### **Diploma Program or Associate Degree:**

The completion of two years of full-time study, resulting in a diploma. This can lead to either employment or can be transferred into a four-year undergraduate program at the same or another institution.

### **Undergraduate Program:**

The completion of four years of full-time study resulting in a BA. (Bachelor of Arts) or a BSc. (Bachelor of Science). This can lead to employment or can prepare students to pursue a Post Graduate Degree (a Master's Degree, a Doctoral Degree or Professional Degree).

## BC ACHIEVEMENT SCHOLARSHIPS

BC Achievement Scholarships recognize the top 8000 graduates in the province. The Ministry will determine recipients based on achievement in Grades 10, 11, and 12 courses that satisfy 2023 Graduation Program requirements, including elective courses. Grad Transitions will not be included.

A cumulative average percentage will be calculated and form the basis for determining winners, who receive a \$1250 scholarship voucher to use towards their post-secondary tuition.

Students do not apply for this scholarship.

Recipients must:

- Meet basic eligibility requirements
- Fulfil graduation requirements of the 2023 Graduation Program by August 31 of the student's graduating year
- Have at least a "B" (73% or above) in their Language Arts 12 course
- Write and pass a Language Arts 12 provincial examination
- Have no more than one Transfer Standing (TS) or Standing Granted (SG) indicator among course marks used for the calculation of winners, excluding Language Arts 12, which must have a percentage score

## BC EXCELLENCE SCHOLARSHIPS

Recognize well-rounded BC graduates. Winners have demonstrated service and leadership, both at school and in their communities, and shown aptitude for and commitment to their chosen career paths. They receive a \$5000 scholarship voucher, which can be redeemed when registered and attending a designated post-secondary institution (i.e. approved for Canada Student Loans by BC) or an authorized trades training provider in BC, within 5 years of graduation and before the expiry date on the voucher.

Nominees must meet basic eligibility requirements and:

- Be in their graduation year with graduation to occur by August 31, of the school year in which they are nominated
- Be eligible for a BC Certificate of Graduation (Dogwood Diploma) by August 31 of the school year in which they are nominated
- Have at least a: - "B" (73% or above) in their Language Arts 11 final mark - "B" average in final course marks that fulfill graduation requirements of Science 11 or 12, Math 11 and Social Studies 11 or 12, with no more than one "C+" (67% or above) final course mark, (marks lower than "C+" are not accepted)
- Maintain a "B" or better average in Grades 11 and 12 final course marks required for graduation
- Write and pass a Language Arts 12 provincial examination Scholarship. Nominees must provide:

Resume in the mandatory format; Two reference letters, one from your community and one from your school; Written statement, maximum 500 words, which must describe: - What led you to your most relevant community service, volunteer activity, and/or leadership role - What you learned from this experience - How this experience will benefit you in your chosen career path

## RESOURCE PROGRAM

---

Students who are enrolled in the Resource Program at Chilliwack Secondary, have been identified by the Ministry as requiring a more specialized program than provided by Learning Strategies. Each student is provided with an Individual Education Plan prepared by the Resource teacher, in conjunction with parents/guardians, and other specialists. While the Resource Program focuses on building students' academic and life skills, all students are integrated into regular classes to the level of their capabilities.

For additional information regarding the Resource Program, please contact the Resource Department at 604-795-7295 or [css-studentservices@sd33.bc.ca](mailto:css-studentservices@sd33.bc.ca).

**SUPPORTED LEARNING 9-12 (XSIEP1A, XSIEP1B, XSIEP1C, XSIEP1D, XSIEP1E, XSIEP1F, XSIEP1G, XSIEP1H)**  
Non-credit course focusing on academic skills at student level, workplace skills and at-home skills.

## LEARNING ASSISTANCE/LEARNING STRATEGIES

---

### **LEARNING STRATEGIES (XLDCB09, YPA--0B, YPA--1B, YPA--2B)**

Learning Strategies at Chilliwack Secondary serves students with learning difficulties and offers academic, organization and study skills, while assisting these students with their course work. Students are offered a Learning Strategies class based on the recommendation of counselors or the School Based Team, and after careful review of their performance in school and results gathered from standardized tests.

### **ENGLISH LANGUAGE ACQUISITION (XLDCA09ESL, YESFL-0A, YESFL-1A, YESFL-2A)**

This program is for students who have a language in addition to English spoken in the home. Students receive academic support and skill practice to increase competency in the English language. Students may earn up to 12 credits toward graduation.

## NEIGHBOURHOOD LEARNING CENTRE

---

Every Tuesday to Thursday from **1-7pm**, and Fridays from 9-3pm Child and Youth Mental Health has drop-in counselling services available to all youth ages 12-26; in addition, on Tuesday's from **2:00-4:30 pm** a Medical Drop-in Clinic is also available to Chilliwack families.

## 2026/27 COURSES

<b>ACTIVE LIVING</b>	<b>Pg. 8</b>	<b>MATHEMATICS</b>	<b>Pg. 21</b>	<b>TRADES &amp; TECHNOLOGY EDUCATION</b>	<b>Pg. 39</b>
PE Basketball 9/10/11/12		Math 9		Drafting & Design Level 1/2/3	
PE Volleyball 9/10/11/12		Foundations of Mathematics &		Electronics/Robotics Level 1/2	
Physical & Health Education 9/10		Pre-Calculus 10		Explore Skilled Trades 10	
Power Skating 9/10/11/12		Foundations of Math 11/12		Carpentry (Exp Trades Level 2)	
Learn to Figure Skate 9/10/11/12		Pre-Calculus 11/12		Electrical & Plumbing (Exp Trades Level 2)	
Active Living 11/12		Workplace Math 10/11		Explore Trades Level 2	
Fitness Conditioning 11/12		AP Calculus 12		Home DIY (Explore Trades level 1)	
Mindfulness & Movement 11		Apprenticeship Mathematics 12		Industrial Design, Engineering & Coding	
Principals of Strength 11/12		Calculus 12		Technology Explorations 10	
PE Leadership 11/12				Technology & Trades Explorations 12A/12B	
Outdoor Education 9/10/11/12				Makerspace 9	
Health Services 12A/12B				Metalwork Level 1/2/3/4	
<b>BUSINESS EDUCATION</b>	<b>Pg. 11</b>	<b>MODERN LANGUAGES</b>	<b>Pg. 23</b>	Art Metal & Jewelry 12	
Introduction to Business 9		French 9/10/11/12		Powertech Level 1	
Accounting 11/12		Introductory French 11		Automotive Technology Level 1/2/3	
Entrepreneurship & Marketing 10		Introductory German 11		Woodwork 9	
Entrepreneurship 12		German 11/12		Woodworking Level 1/2/3	
Marketing & Promotion 11		Intro Halq'emeylem 11			
<b>CAREER EDUCATION</b>	<b>Pg. 12</b>	Introductory Japanese 11			
Career Education 9/10/11/12		Japanese 11/12			
<b>COMPUTER COMMUNICATION INFORMATION</b>	<b>Pg. 13</b>	Spanish Level 1/2/3/4			
Computer Studies Level 1		Languages, Culture and Travel 10			
Computer Programming 11/12					
Self-Directed Computer Projects 12					
AP Computer Science A					
<b>ENGLISH</b>	<b>Pg. 13</b>	<b>NEIGHBOURHOOD LEARNING CENTRE</b>	<b>Pg. 6</b>	<b>VISUAL &amp; PERFORMING ARTS</b>	
English 9		<b>SCIENCE</b>	<b>Pg. 26</b>	<b>Fine Arts</b>	<b>Pg. 46</b>
Humanities 9 & 10		Science 9/10		Art Studio 9/10/11/12	
Composition & Creative Writing 10		Science 10 Honours		Studio Art 2D Drawing & Painting 11/12	
Composition & Lit Studies 10		Chemistry 11/12		Graphic Arts 11/12	
English First Peoples Lit Studies 10		Chemistry 11 Honours		Media Arts 9/10/11A	
Composition & Lit (Theatre Focus) 10		AP Chemistry 12		Media Art for Activism 12	
Creative Writing 11		Earth Science 11		3D Computer Graphics Level 1/2	
English First Peoples Lit. Studies 11		Geology 12		Photography 11/12	
Literature Studies 11		Environmental Science 11/12		Studio Art 3D - Ceramics 11/12	
Literature Studies 11 Honours		Life Science 11		Yearbook 10/11/12	
AP English: Literature & Composition 12		Life Science 11 Honours			
English Studies 12		Anatomy & Physiology 12		<b>Music</b>	<b>Pg. 49</b>
English First Peoples 12		AP Biology		Instrumental Concert Band 9-12	
Creative Writing 12		Physics 11/12		Rock School 9/10/11/12	
<b>HOSPITALITY</b>	<b>Pg. 17</b>	Physics 11 Honours		Instrumental Music 9: Intro. Guitar	
Culinary Arts Level 1/2/3		AP Physics 12		Instrumental Music 11: Intro. Guitar	
Foods Studies Level 1/2/3		Science for Citizens 11		Instrumental Music 12: Advanced Guitar	
Sustainable Food Studies Level 1/2		Specialized Science: Astronomy 12		Instrumental Music: Jazz Band 9-12	
<b>HUMAN SERVICES</b>	<b>Pg. 19</b>	<b>SOCIAL STUDIES</b>	<b>Pg. 31</b>	Jazz Improvisation 9/10/11/12	
Family & Society 10		Humanities 9/10		Composition & Production 11/12	
Interpersonal & Family Relationships 11		Socials 9/10		Popular Music Performance 10-12	
Child Development & Caregiving 12		20th Century World History 12		Small Ensemble Performance 9-12	
Human Diversity in Society 12		AP European History 12		Choral Music: Vocal Jazz 9-12	
Lalem Siyem-House of Leaders-Indig L10		B.C First Peoples 12		Concert Choir 9-12	
Leadership Development 10/11/12		Comparative Cultures 12			
Peer Tutoring 11/12		Genocide Studies 12		<b>Theatre</b>	<b>Pg. 53</b>
Psychology 10/11/12		Legal Studies 12		Drama 9/10/11/12	
Intro to Careers in Teaching 12		Philosophy 12		Directing & Scriptwriting 11/12	
		Physical Geography 12		Theatre Company 10/11/12	
		Social Justice 12		Theatre Production 10/11/12	
		<b>SPECIALTY PROGRAMS</b>	<b>Pg. 35</b>	Film & Television 10/11/12	
		AP Programs			
		Guided Learning		<b>UFV REGIONAL CAREER PROGRAMMING (RCP)</b>	<b>Pg. 55</b>
		Independent Directed Studies		<b>WORK EXPERIENCE</b>	<b>Pg. 55</b>
		Equestrian Program		<b>YOUTH TRAIN IN TRADES</b>	<b>Pg. 56</b>
		Outdoor Education Cohorts		Hairdressing	
		Human Services Career Enrichment		Welding Foundations	
		Program		<b>YOUTH WORK IN TRADES</b>	<b>Pg. 57</b>
				<b>ONE CAMPUS</b>	<b>Pg. 58</b>



## COURSE DESCRIPTIONS

### ACTIVE LIVING

---

#### PE BASKETBALL 9-12 (MPHE-09BB, MPHED10BB, MACLV11BB, MACLV12BB) – OPEN TO GRADE 9

**Course Description:** PE Basketball 9 – 12 is a performance course designed to support and encourage students to develop their individual sport skills, physical strength and conditioning, health and nutritional knowledge, goal setting, and organizational skills within a basketball setting. PE Basketball 9 – 12 includes a classroom component in addition to the training component. You will be introduced to topics such as basketball coaching theory, sports nutrition, exercise technique and training methods specific to basketball. Chilliwack Secondary's PE department stresses the importance and belief that all students will be included and expected to participate to the best of their ability. The overarching aim for the course is to ensure enjoyable lifelong basketball opportunities for players of all levels of ability as well as development for elite players to pursue excellence.

**Requirement:** Excellent attendance and full commitment. Students who are interested in PE Basketball will need to apply and will need a recommendation from either a PE teacher or coach. The course will be offered to girls and boys separately.

#### PE VOLLEYBALL (MPHE-09VB, MPHED10VB, MACLV11VB, MACLV12BVB)

Grades 9–12

**Course Description:** PE Volleyball 9 – 12 is a performance course designed to support and encourage students to develop their individual sport skills, physical strength and conditioning, health and nutritional knowledge, goal setting, and organizational skills within a volleyball setting. PE Volleyball 9 – 12 includes a classroom component in addition to the training component. You will be introduced to topics such as volleyball coaching theory, sports nutrition, exercise technique and training methods specific to volleyball. Chilliwack Secondary's PE department stresses the importance and belief that all students will be included and expected to participate to the best of their ability. The overarching aim for the course is to ensure enjoyable lifelong volleyball opportunities for players of all levels of ability as well as development for elite players to pursue excellence.

**Requirement:** Excellent attendance and full commitment. Students who are interested in PE volleyball will need to apply and will need a recommendation from either a PE teacher or coach. The course will be offered to girls and boys separately.

#### PHYSICAL AND HEALTH EDUCATION 9 (MPHE-09) – OPEN TO GRADE 9

**Prerequisite:** PE 8

The emphasis for Active Living 9 will be on demonstrating movement concepts, skills, and strategies through a variety of physical activities, games, and sports. Students will learn rules and guidelines for different types of sports and activities. Active Living 9 health component may explore lifestyle habits and how they influence healthy choices.

## **PHYSICAL AND HEALTH EDUCATION 10 (MPHE10)**

*Prerequisite:* Physical and Health Education 9

The emphasis for Active Living 10 will be on demonstrating movement concepts, skills, and strategies through a variety of physical activities, games, and sports. Students will learn rules and guidelines for different types of sports and activities. Active Living 10 health component may explore lifestyle habits and how they can affect health and performance.

### **PE - LEARN TO FIGURE SKATE (MPHE-09 -FS, MPHE10-FS, MACLV11-FS, MACLV12-FS)**

Grades 9 – 12

Learn to Figure Skate is a PE-based course that introduces students to the fundamental technical and artistic skills of figure skating while developing balance, coordination, agility, and overall physical literacy. Students will learn edges, turns, spins, and basic jumps, and will explore creative expression through movement, rhythm, and choreography. The course emphasizes personal growth, confidence-building, and safety on the ice through goal setting, reflective practice, and progressive skill development. Students will participate in individual and group activities that foster resilience, teamwork, and enjoyment of physical activity in a supportive environment.

Students must have their own properly fitted figure skates and a CSA-approved helmet (helmet may be waived for experienced skaters at instructor discretion). This is **not** a learn-to-skate course; students must already be able to skate independently.

**There is a fee and an application process for this course.** Sessions will be held on the CSS campus and at another ice facility within walking distance.

### **PE - POWER SKATING (MPHE-09-PS, MPHE10-PS, MACLV11-PS, MACLV12-PS)**

Grades 9 – 12

Power Skating is a PE-based course designed to improve skating efficiency, stride mechanics, agility, and on-ice athleticism. Students will learn and refine stride mechanics, edge control, acceleration, crossovers, and stopping techniques while applying principles of biomechanics, balance, and force. The course emphasizes conditioning, agility, and sport-specific movement patterns that support success in hockey and other skating-based activities. Students will work individually and in groups to set goals, analyze technique, and apply feedback to improve performance, all while practicing safe movement and injury-prevention strategies on the ice.

Students must have their own full basic hockey equipment, including a CSA-approved helmet, and must already have the ability to skate independently. This is **not** a learn-to-skate course.

**There is a fee and an application process for this course.** Sessions will be held on the CSS campus and at another ice facility within walking distance.

### **ACTIVE LIVING 11 (MACLV11)**

*Prerequisite:* PE 10

The emphasis for Active Living 11 will be on demonstrating skills and strategies needed to plan, organize, and safely participate in a variety of physical activities. Students will learn rules and guidelines for different types of sports and activities. Active Living 11 health component may explore lifestyle habits and how they can affect health and performance.

### **ACTIVE LIVING 12 (MACLV12)**

*Prerequisite:* PE 11 or Active Living 11

The emphasis for Active Living 12 will be to refine and employ tactics to increase their chances of success in a variety of physical activities. Active Living 12 health component may explore consequences of health decisions, including substance misuse.

**FITNESS CONDITIONING 11 (MFTCD11)**

*Prerequisite:* PE 10

The emphasis for Health and Active Living 11 will be on participating in daily activities to enhance and maintain personal fitness goals. This course will focus on developing all components of fitness (cardiovascular, muscular strength and endurance and flexibility). Health and Active Living 11 component may explore healthy eating, exercise physiology and developing lifelong physical activity in group- fitness classes such as: step aerobics, HITT, Zumba, Kickboxing, strength training (body weight, bands, dumbbells), Pilates, BOSU, and yoga.

**FITNESS CONDITIONING 12 (MFTCD12)**

*Prerequisite:* Fitness Conditioning 11

The emphasis for Health and Active Living 12 will be on participating in daily activities to enhance and maintain personal fitness goals. This course will focus on developing all components of fitness (cardiovascular, muscular strength and endurance and flexibility). Health and Active Living 12 component may explore healthy eating, exercise physiology and developing lifelong physical activity in group- fitness classes such as: step aerobics, HITT, Zumba, Kickboxing, strength training (body weight, bands, dumbbells), Pilates, BOSU, and yoga.

**MINDFULNESS AND MOVEMENT 11 (YHRA-1F)**

*Prerequisite:* None

This course will participate in gentle forms of mindful movement, such as yin yoga. Students will explore various breathing techniques to learn how to manage stress and to regulate emotions. Students can expect to experience improvements in concentration and focus, productivity as well as quality of sleep.

**PRINCIPLES OF STRENGTH TRAINING 11 (MFTCD-SC11)**

*Prerequisite:* PE 10

The emphasis for Principles of Strength Training 11 is program design and weight training principles. This course will teach correct weightlifting techniques with a focus on compound lifting movements. No prior weightlifting experience is necessary. This course will also explore weight room etiquette, nutrition, and anatomy.

**PRINCIPLES OF STRENGTH TRAINING 12 (MFTCD-SC12)**

*Prerequisite:* Principal of Strength Training 11

The emphasis for Principles of Strength Training 12 is varied program design and advanced weight training principles. This course places an emphasis on correct weightlifting techniques with a focus on compound lifting movements. This course continues to explore weight room etiquette, nutrition, and anatomy.

**PE LEADERSHIP 11/12 (YIPS-1AP/YIPS-2AP)**

*Prerequisite:* PE 10 with a "C+" or higher

This course is designed to develop tomorrow's leaders in their school, community and beyond and to become responsible, productive members of society. Students that take this course organize school events including lunch time intramurals, Pep Rally's, referee, and score keep at ALL school sports events, promote school spirit and school culture, run the Storm Strength Challenge, and many more events at CSS. Students that cannot commit extracurricular hours and volunteer work should not take this course. This course is based around volunteer hours; students need to be able to give up lunch hours and afterschool time to assist in school-wide functions. Through this course, students will learn and effectively demonstrate interpersonal skills necessary for leadership. Additionally, students will demonstrate the organizational skills required to conduct activity programs for other people to enjoy. Students in this course must be good role models both for their peers and for their school. PE Leadership is a fun, interactive and beneficial course; however, it requires dedication, commitment, and many extra hours of time outside of class.

## OUTDOOR EDUCATION 9/10/11/12 (MPHE-09/YHRA-0B/MODED11/MODED12

Outdoor Education is offered to all grades at CSS as part of the Outdoor Education Cohorts (find more information under **SPECIALTY PROGRAMS**). Outdoor Education will teach students how to enjoy the outdoors in a safe, responsible way; improve health and fitness, and foster active, healthy lifestyles; and deepen students' appreciation and understanding of natural and local environments. Land-based activities include hiking, trail running, rock climbing and multi-day backpacking trips; winter-based activities include snowshoeing, cross-country skiing, alpine skiing and winter camping; and water-based activities include canoeing and multi-day canoe tripping. Outdoor Education activities consist of half-day, full-day, overnight and multi-day excursions. Students must have appropriate outdoor clothing and hiking boots to participate. **There is a fee and an application process for this course.** Financial support is available upon request.



## PHE HEALTH SERVICES 12A/12B (YHRA-2D/YHRA-2E)

*Prerequisite:* Application \***There is a fee for this course**

This program gives students the opportunity to achieve the **Emergency Medical Responder** (EMR) certification in partnership with the Justice Institute of BC. Assessment will follow Justice Institute criteria including written exams, practical exams and attendance.

In the one block of timetable students must take **both** HS12A and HS12B (Independent Study Course) concurrently to prepare for the written exam. This online course is worth a full course credit in addition to the practical material in class. The Emergency Medical Responder certification is a qualification necessary for Paramedics, recommended for Firefighters, and helpful for anyone looking to enter a Medical Profession. A separate government-licensing exam is required if going directly to the workforce with this qualification.

## BUSINESS EDUCATION

---

### INTRODUCTION TO BUSINESS 9 (MADIT09-BUS) – OPEN TO GRADE 9

Students will be introduced to business concepts such as accounting, marketing, and economics. Students will participate in a stock market simulation, entrepreneurship week, and learn about payroll, personal income tax and compound interest.

#### ACCOUNTING 11 (MAC--11)

*Prerequisite:* None

This course is designed as an introduction to accounting concepts for those seeking entry-level employment skills. Students gain insights into financial problems and solutions, which have far-reaching benefits for entrepreneurial and professional careers.

#### ACCOUNTING 12 (MACC-12)

*Prerequisite:* Accounting 11 ("C+" or higher recommended)

This course enables students to use industry-standard computer software and systems to analyze and solve accounting problems to produce and present accounting reports.

#### ENTREPRENEURSHIP AND MARKETING 10 (MADEM10)

*Prerequisite:* None

Students will be introduced to business concepts such as accounting, marketing, and economics. Students will participate in a stock market simulation, entrepreneurship week, and learn about payroll, personal income tax and compound interest. Students will be introduced to business concepts such as entrepreneurship, characteristics of entrepreneurs, ways to add value to an existing idea or product, differences between invention and innovation, barriers that various groups of entrepreneur's face and the factors that can contribute to their success, life cycle of a product from invention/innovation to the marketplace.

## **ENTREPRENEURSHIP 12 (MENT-12)**

*Prerequisite:* None

All businesses begin with the ideas of an entrepreneur. Entrepreneurs identify and explore opportunities, research the resulting ideas, locate and organize resources, and begin to turn the ideas into reality. Entrepreneurship 12 helps students to gain an understanding of the entrepreneurial spirit in the context of starting a small business. Students learn the skills necessary to effectively carry out entrepreneurial activities.

## **MARKETING AND PROMOTION 11 (MMAP-11)**

*Prerequisite:* None

Students will be introduced to ways of marketing and promotion used to persuade the public to buy a product or service, target market, marketability of a product, segmentation, targeting, and positioning of the market, and the promotion of a product's benefits. The course also looks at risks associated with marketing a product, such as environmental impacts, financial hardship, and emotional effects. Students will also look at forms of advertising that can influence a potential customer, cultural issues arising from the translation of a product's name, naming rights, role of advertising in promoting a product or service to an audience in both international and domestic settings.

## **CAREER EDUCATION**

---

### **CAREER EDUCATION 9 (MCE--09) – OPEN TO GRADE 9**

Career Education 9 is designed to prepare students for their studies in high school, highlighting computer programs such as Microsoft 365 that will be useful throughout high school. Students will focus on real world communication skills including how to open a professional email account, and how to send a professional email. Through personality tests, self-reflection, and online research, students will consider a career of interest to them, and complete a final career project. There will be opportunities for students to connect with our trades and work experience coordinators to further their career experiences. Students will go through eight sessions of Career Education from their Humanities class.

### **CAREER EDUCATION 10 (MCLCA12)**

This is a two-credit course required for graduation, where students will continue to build on the skills developed in Career Education 9 and use MyBlueprint to understand their options when it comes to course planning and educational opportunities here at CSS. Resumes, cover letters, interviews, and career conversations will be the focus of this course. Students will go through six sessions of Career Education from their Math/Science classes.

### **CAREER EDUCATION 11 (MCLE-10)**

This is a full semester course worth four credits where students will build on the skills developed in Career Education 9 and 10. Students will understand taxes, budgeting, car ownership, lines of credit, student loans, home ownership, educational opportunities, career opportunities, conflict resolution, and interpersonal skills. The final project for this course will be to complete three projects in order for students to reflect on what they have learned in Career Education 11 and prepare for their Capstone project next year.

### **CAREER EDUCATION – CAPSTONE 12 (MCLCB12)**

This is a two-credit course where students will take information from Career Education 11 and use this as evidence in their Capstone project. The Capstone project will focus on students' academic and personal growth, along with their plans post-graduation. Students will be paired with a mentor teacher who will act as a guide through this process, with the final project being presented in Semester 2. Capstone is required for graduation.

## COMPUTER COMMUNICATION INFORMATION

---

### COMPUTER STUDIES LEVEL 1 (MADIT09/MCSTU10) – OPEN TO GRADE 9

*Prerequisite:* None



This course is designed as an introductory computer class where students will learn the basics in word processing, photo and video editing, 3D modelling and computer programming. No experience is necessary, and this course will give students a solid foundation of technical skills to use throughout their education. If you are in grade 9 then please select Computer Studies 9. If you are in any other grade and this is your first-time taking Computer Studies, then please select Computer Studies 10.

### COMPUTER PROGRAMMING 11 (MCMPR11)

*Prerequisite:* None, Recommended for Grade 11/12, recommends taking grade 10 level computer course(s) beforehand

This course is designed to be first programming course, to build solid programming concepts. The topics include basic java, methods, and classes and object-oriented programming, javascript basic, unity3d development, app development and modular programming with arduino. This course covers the first 50% of AP CSA.

### COMPUTER PROGRAMMING 12 (MCMPR12)

*Prerequisite:* Computer Programming 11

This is a sequel course of Computer Programming 11, the focus is to strengthen algorithmic ability in programming. The topics include data structure, algorithms and recursion, jsp, data-binding with js framework, unity3d development, app development and modular programming with arduino. This course covers the second 50% of AP CSA.

### SELF-DIRECTED COMPUTER PROJECTS 12 (MIDS-2E)

*Prerequisite:* Computer Programming 12

Students completed Computer Science/Programming 12 who wish to further their understanding in computer programming/science can register under this course.

### AP COMPUTER SCIENCE A (ACSC-2A)

*Prerequisite:* Computer Programming 11 with an A or Computer Programming 12

This course is aimed in preparing student for AP CSP course; to complete and submit projects submissions as well as to complete/review a series of mocking exams. Students will be granted credits regardless of actually taking the AP exams.

## ENGLISH

---

### ENGLISH 9 (MEN--09) – OPEN TO GRADE 9

*Prerequisite:* English 8

Students will work to improve their communication skills and develop an understanding and appreciation of language and literature. Students will develop the capacity to engage fully as literate and responsible citizens in a digital age. Students will learn to think critically, creatively, and reflectively; to construct a sense of personal and cultural identity; and to be respectful of a range of perspectives and worldviews. In this course, students will explore topics in Creative Writing, and Literature Studies.

---

## GRADE 10 – STUDENTS WILL CHOOSE ONE OF THE FOLLOWING:

**Note: All Language Arts 10 courses are academically equivalent. It is important that students select a course based on their strengths and areas of interest. The aim of the Language Arts 10 curriculum is to maximize students' chances of success by allowing them to select the course that will be the most engaging for them.**

### **HUMANITIES 10 (English First Peoples 10 and Social Studies 10) ARTS INQUIRY FOCUS (MEFLS10, MEFWR10 & MSS10)**

*Prerequisite:* Social Studies 9

*Humanities 10* combines the learning outcomes of Social Studies 10 and English First Peoples 10 in a blended, cross-curricular format. This year-long enrichment course examines Canada from 1914 to the present, exploring the ways that historical, cultural, and literary perspectives shape our understanding of identity and nationhood. Students will read and respond to First Peoples literature across a range of contexts, genres, and media, using these works to deepen their appreciation of personal and cultural identities, histories, and connections to land and place.

In this course, students will be given extensive opportunities to develop inquiry projects and will learn through project-based learning that encourages curiosity, creativity, and critical thinking. Students will connect historical inquiry with creative and analytical expression, focusing on themes that examine how developments in Canadian society can be viewed from multiple worldviews and perspectives, recognizing the diversity of experiences that shape our shared history. *Humanities 10* is designed to prepare students with the knowledge, skills, and mindset to thrive in Social Justice 12 and English Honors 11. This course is an excellent choice for curious, reflective, and out-of-the-box thinkers who enjoy making connections between stories, history, and the world around them.

**\*This course satisfies the Indigenous Grad Requirement\***

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

*Prerequisite:* English 9

With a focus on creative writing, students will read, think, and discuss a broad range of texts as a foundation for their own short stories, memoir, and/or poetry. The course focuses on the writing process, from idea development through to publication. The course provides students with opportunities to think critically as they explore, extend, and refine their writing.

### **COMPOSITION AND LITERATURE STUDIES 10 (MLTST10)**

*Prerequisite:* English 9

With a focus on great novels, poems, short stories, graphic novels, and plays, students will work together to explore themes such as dystopia, death, love, and coming of age. In this course, students will also develop their skills in written communication for a variety of contexts.

### **ENGLISH FIRST PEOPLES LITERARY STUDIES 10 (MEFLS10) + ENGLISH FIRST PEOPLES WRITING 10**

*(MEFWR10) Prerequisite:* English 9

**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. **EFP Writing 10** 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 satisfies the Indigenous Grad Requirement\***

## **COMPOSITION AND LITERATURE STUDIES 10 – THEATRE FOCUSED (MLTST10)**

*Prerequisite:* English 9

In this English course, students will explore the rich literary world of drama through the reading and analysis of a variety of plays. Focusing on key themes such as identity, power, conflict, and societal values, students will develop critical thinking skills as they analyze dramatic structure, character development, and themes within each play. Students will watch and read a variety of plays and scenes and explore all kinds of theatre including the ancient Greeks, Shakespeare, and modern Canadian and Indigenous playwrights. Using skills in literary analysis, students will learn to interpret and critique dramatic works, considering both the text and its performance on stage. This course will also enhance students' skills in written communication, as they respond to plays through essays, creative writing, and reflective analysis. By the end of the course, students will deepen their appreciation for drama as both a literary form and a mirror of society.

### **GRADE 11: STUDENTS MUST CHOOSE ONE OF THE FOLLOWING OPTIONS:**

---

***Note: All Language Arts 11 courses are academically equivalent. It is important that students select a course based on their strengths and areas of interest. The aim of the Language Arts 11 curriculum is to maximize students' chances of success by allowing them to select the course that will be the most engaging for them. Students may select more than one Language Arts 11 course.***

#### **CREATIVE WRITING 11 (MCTWR11)**

*Prerequisite:* Any Language Arts 10 course

With a focus on creative writing, students will read, think, and discuss a broad range of texts as a foundation for their own short stories, memoir, and/or poetry. The course focuses on the writing process, from idea development through to publication. The course provides students with opportunities to think critically as they explore, extend, and refine their writing.

#### **ENGLISH FIRST PEOPLES LITERARY STUDIES + WRITING 11 (MEFLS11)**

*Prerequisite:* Any Language Arts 10 course

This class 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 for them to think critically and creatively as they continue to explore, extend, and strengthen their own writing. Within a supportive community, students work individually and collaboratively to explore oral and written literature and create powerful, purposeful compositions.

**\*This course satisfies the Indigenous Grad Requirement\***

#### **LITERATURE STUDIES 11 (MLTST11)**

*Prerequisite:* Any Language Arts 10 course

With a focus on great novels, poems, short stories, graphic novels, and plays, students will work together to explore themes such as dystopia, death, love, and coming of age. In this course, students will also develop their skills in written communication for a variety of contexts.

#### **LITERATURE STUDIES 11 HONOURS (MLTST11H)**

*Prerequisite:* Any Language Arts 10 course

This class challenges students to explore great novels, poems, and plays in more depth and in a broader range than the regular Literature 11 class. In addition to projects, inquiry projects, presentations, assessment, and written assignments, students will focus on academic writing and oral communication skills. There is a strong emphasis on skill application. Students can expect a more rigorous course load. Literature Studies 11 Honours is a recommended pathway to AP English.

---

## GRADE 12: STUDENTS MUST TAKE ENGLISH STUDIES 12, EFP 12 OR AP LIT

### AP ENGLISH: LITERATURE AND COMPOSITION 12 & ENGLISH STUDIES 12 (AELC-12)

*Prerequisite:* Any Language Arts 11 course

AP English is a first-year university course delivered in a high school setting. Students explore a greater range of literature in greater depth than regular English 12 students. A student contemplating taking AP English should earn an A or B in their Language Arts 11 course. Students will receive 8 credits, for AP English and English 12. Formal written assignments, tests, presentations, and projects form the basis of their AP mark. Students write the AP English Literature and Composition exam and may earn university credit in participating colleges and universities.

### ENGLISH STUDIES 12 (MENST12)

*Prerequisite:* Any Language Arts 11 course

Students will think critically, creatively, and reflectively to explore ideas within, between, and beyond texts to recognize and identify the role of personal, social, and cultural contexts, values, and perspectives in texts. In order to recognize how language constructs personal, social, and cultural identity, students will construct meaningful personal connections between self, text, and world. In this course, students will develop their skills in written communication in a variety of contexts. The course provides students with opportunities to think critically as they explore, extend, and refine their writing.

### ENGLISH FIRST PEOPLES 12 (MENFP 12)

*Prerequisite:* Any Language Arts 11 course

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. A key feature of the course is its focus on authentic First Peoples voices (i.e., historical or contemporary texts created by or with First Peoples).

**\*This course satisfies the Indigenous Grad Requirement\***

### CREATIVE WRITING 12 (MCTWR12)

*Prerequisite:* None, this course is an elective and does not count as English 12 credit for graduation

This course offers students the time, the inspiration, and the instruction to create their own meaningful and powerful short stories, poems, memoirs, and novel excerpts. Students will collaborate and work independently to develop their writing skills. Students will learn the entire writing process, from free write, to peer edit, to publication. **Students do not earn English Studies 12 credit in this course.**

## HOSPITALITY

---

### **CULINARY ARTS LEVEL 1 (MADFS09CA/MCUL-0A) – OPEN TO GRADE 9**

*Prerequisite:* None

This is an introductory course to Culinary Arts. Culinary Arts Level 1 starts with BC FoodSafe Level 1 certification, which teaches safe food handling practices (students will receive a FoodSafe certificate). While in the restaurant style kitchen, students will develop basic knife skills, learn how to handle commercial kitchen equipment such as slicers, mixers, and stoves. They will be exposed to basic cooking terminology and will explore reading, converting and following recipes. This is a very hands-on course, consisting primarily of food preparation for the school cafeteria, supplemented by weekly in-class cooking labs. The goal of Culinary Arts Level 1 is to provide a diverse experience for those wanting to improve their cooking abilities and to provide a foundation for those who wish to pursue cooking as a career. By the end of the course each student will be able to independently prepare and present a number of culinary delights.



**If you are in grade 9 then please select Culinary Arts 9. If you are in any other grade and this is your first-time taking Culinary, then please select Culinary Arts 10**

### **CULINARY ARTS: LEVEL 2 (MCUL-1A)**

*Prerequisite:* Culinary Arts Level 1

Culinary Arts Level 2 is designed to build on the basic skills learned in Culinary Arts Level 1. Students will focus on accuracy in knife skills, recipe preparation, and begin to explore kitchen management. Students will further develop their kitchen knowledge by helping to mentor Level 1 students. Level 2 student can apply to receive a Chef's jacket – only those who pass the interview process will be awarded a jacket. The goal of Culinary Arts Level 2 is to give students further opportunities to develop their cooking and leadership skills and to peak interest in the possibilities of pursuing cooking as a career.

**If this is your second time taking Culinary Arts (regardless of what grade you're in) then select this course**

### **CULINARY ARTS: LEVEL 3 (MCUL-2A)**

*Prerequisite:* Culinary Arts Level 2

Culinary Arts Level 3 continues to build on the skills learned in Culinary Arts Level 1 & 2. Students will focus on further development of cooking skills such as seasoning, menu planning, plate design and presentation and will be given opportunities to pursue more challenging cooking projects. Leadership skills will be developed and encouraged through the mentorship of other students. Level 3 student can apply to receive a Chef's jacket – only those who pass the interview process will be awarded a jacket. The goal of Culinary Arts Level 3 is to solidify students cooking and leadership skills and to provide direction and opportunities for those who wish to pursue cooking as a career.

**If this is your third time taking Culinary Arts (regardless of what grade you're in) then select this course.**

### **FOOD STUDIES: LEVEL 1 (MFOOD10) – OPEN TO GRADE 9**

*Prerequisite:* None



This course is designed to develop your cooking skills. Students will study a variety of food products, become familiar with operating the classroom kitchen equipment, and prepare some simple meals. Students will consider the "why" of cooking methods as well as the "how". Students will also learn about food trends and how they affect food choices. Students will acquire a solid foundation of food safety, sanitation, and kitchen safety. Cooking labs will focus on food preparation, cooking, baking, and presentation.

**If this is your first time taking Food Studies at CSS (regardless of what grade you're in) then select this course.**

## **FOOD STUDIES: LEVEL 2 (MFOOD11)**

*Prerequisite:* Food Studies Level 1 ("C+" or higher recommended)

Students who have completed Food Studies Level 1 are eligible to enroll in Food Studies Level 2. This course is designed to take your cooking skills to the next level. Students will experiment with a variety of cooking tools, ingredients, and processes to create and refine food products. Food labelling, promotion, and marketing strategies and their impact on specific groups of people will be addressed. Through opportunities for meal and recipe design, students will deepen their understanding of the components of recipe development and experience the challenge of incorporating mystery ingredients to create innovative food products.

**If this is your second time taking Food Studies at CSS (regardless of what grade you're in) then select this course.**

## **FOOD STUDIES: LEVEL 3 (MFOOD12)**

*Prerequisite:* Food Studies Level 2 ("C+" or higher recommended)

Students who have completed Food Studies Level 2 are eligible to enroll in Food Studies Level 3. This course is designed to introduce students to the variety of cultural foods eaten in Canada and around the world, as well as take your cooking skills to the next level. We will be studying a variety of grains and food products, looking at how they are used in other cultures, and preparing some recipes and simple meals. We will consider the "why" of cooking methods, as well as the "how." Students will undertake research projects to learn about their own food history, which will culminate in a feast they prepare to share with others.

**If this is your third time taking Food Studies at CSS (regardless of what grade you're in) then select this course.**

## **SUSTAINABLE FOOD STUDIES: LEVEL 1 (MFOOD10-SFS) – OPEN TO GRADE 9**

*Prerequisite:* None

This course is designed to introduce students to the idea of social, ethical, and sustainable considerations in connection to food-related topics and how they can impact design. Students will learn food safety, the foundations of food preparation, food preparation techniques, nutrition, social, cultural, and economic influences, and ethical issues related to food systems. Students will actively engage in the learning process through cooking labs and fieldwork that are coordinated with classroom discussion topics and design projects. The First Peoples Principles of Learning will be the framework for teaching and learning in this course. **If this is your first time taking Food Studies at CSS (regardless of what grade you're in) then select this course**

## **SUSTAINABLE FOOD STUDIES: LEVEL 2 (MFOOD11-SFS/MFOOD12-SFS) – OPEN TO GRADE 9**

*Prerequisite:* Food Studies Level 1 or Sustainable Food Studies Level 1 (MFOOD10)

This course is designed for students to expand their culinary skills as they explore the power that food can have on local and global communities. Students will advance their food safety and sanitation skills and learn a variety of food preparation techniques to design delicious single and multi-course meals that are catalysts for positive change. Students will actively engage in the learning process through advanced cooking labs and fieldwork that are coordinated with classroom discussion topics and design projects. The First Peoples Principles of Learning will be the framework for teaching and learning in this course.

**If this is your second or third time taking Food Studies at CSS (regardless of what grade you're in) then select this course.**



## HUMAN SERVICES

---

### **CHILD DEVELOPMENT AND CAREGIVING 12 (MCDAC12)**

*Prerequisite:* Interpersonal & Family Relationships 11. This is the 3<sup>rd</sup> of the three family studies courses.

This course is open to grade 11 and 12 students interested in being a day care provider, nurse, doctor, teacher or parent. It also provides a great foundation for students interested in psychology, sociology, human development, and early childhood education (ECE). The curriculum provides students with the opportunity to understand the growth and development of children, beginning at conception through to twelve years of age. Students will examine the cognitive, social, physical, and emotional development of children. We will also explore the role of language, speech, and play in early childhood development. You will also learn about pregnancy (conception to delivery), legal rights and responsibilities, nutritional needs, theories of child development, caregiving styles, and community resources available.

Note: There are three family studies courses. It is NOT ideal to take more than ONE at the same time. Please take classes in order **MFAMS10** then **MIAFR11** then **MCDAC12** as the courses do build on each other.

### **FAMILY AND SOCIETY 10 (MFAMS10)**

*Prerequisite:* None. This is the 1<sup>st</sup> of the three family studies courses

This course explores the diverse and interconnected reality of families and society both internationally and locally. Key topics that will study are: family and relationship dynamics, challenges families face, societal and cultural influences on families, and the role of children in families and society. We will also explore a variety of living arrangements and housing options for individuals and families. This is a great course for students interested in sociology, psychology, and a general understanding of the world as a social construct.

Note: There are three family studies courses. It is NOT ideal to take more than ONE at the same time. Please take classes in order **MFAMS10** then **MIAFR11** then **MCDAC12** as the courses do build on each other.

### **HUMAN DIVERSITY IN SOCIETY 12 (YAH—2B)**

*Prerequisite:* None

Human Diversity in Society 12 invites students to explore the complexity of human identity, the systems that shape our lived experiences, and the ways individuals and communities work toward equity and justice. This course fosters critical and creative thinking about inclusion, representation, and belonging, while equipping students with tools to analyze power, challenge misinformation, and engage ethically with others across differences. Students will examine identity through lenses of race, culture, gender, sexuality, ability and class while connecting local and global contexts. Through inquiry, media literacy, dialogue, and creative projects, students will develop empathy, civic awareness, and advocacy skills essential for navigating an increasingly diverse and interconnected world.

### **INTERPERSONAL AND FAMILY RELATIONSHIPS 11 (MIAFR11)**

*Prerequisite:* Family & Society 10. This is the 2<sup>nd</sup> of the three family studies courses.

This course examines the reasons people form relationships and the qualities necessary in various types of relationships. They learn about characteristics that improve the likeliness of entering society after high school with adequate and educated life-skills necessary to form and maintain responsible and strong relationships with their families, friends, workforce, and society. This course also examines relationships in the cyber world, and safe and healthy online, social media and internet uses. They learn what a committed relationship looks like and explore a variety of marriage/commitment customs and ceremonies. Students examine why different types of relationships end, and healthy or positive ways people deal with the end of a relationship. This course includes an emphasis on effective communication skills and how such skills contribute to positive interactions. Students study the components of both healthy and unhealthy relationships and learn ways to handle potentially unsafe relationship situations.

Note: There are three family studies courses. It is NOT ideal to take more than ONE at the same time. Please take classes in order **MFAMS10** then **MIAFR11** then **MCDAC12** as the courses do build on each other

**LALEM SIYEM – HOUSE OF LEADERS - INDIGENOUS LEADERSHIP 10 (YIHW) – OPEN TO GRADE 9**

*Prerequisite: Application required*

This course empowers students to develop leadership skills through the lens of Indigenous knowledge, values, and perspectives. Students will explore principles of community, stewardship, and cultural sustainability while engaging in collaborative projects that support reconciliation, equity, and inclusivity. Through mentorship, experiential learning, and self-reflection, learners will cultivate skills in communication, teamwork, and decision-making to inspire positive change in their schools and communities. The course emphasizes the importance of Indigenous ways of knowing, cultural traditions, and leadership in addressing contemporary challenges. (Priority to Indigenous Students)

**LEADERSHIP DEVELOPMENT 10/11/12 (YIPS-0A/YIPS-1A/YIPS-2A)**

*Prerequisite: By application only*

The Leadership Development Program at Chilliwack Secondary provides opportunities for students to become meaningfully involved in school and community activities. Students will gain experience in running meetings, working alone and in small and large groups on school and community projects. Students are expected to work during leadership class as well as before and after school or in the evenings. Students work on advertising, planning, promoting, and running a variety of school and community events. Organizational skills are developed through participating in leadership activities and through recording participation in student logbook. The evaluation will include self-evaluation, peer evaluation and teacher evaluation. Part of the evaluation will be based on students' records of activities. Attendance is MANDATORY. Students are required to participate in a planning day in late August.

**PEER TUTORING 11/12 (YIPS-1C/ YIPS-2C)**

*Prerequisite: None*

This course has been developed to support and encourage students to develop an understanding of how effective learning occurs. Gives students opportunities to assist peers with learning (under supervision of a sponsor teacher). Develop the knowledge, skills, and self-confidence to be a peer tutor. Recognize individual learning styles and behavior difference. Offer the student an opportunity to explore the Human Services field. It allows for students to connect with teachers one on one and/or work with small groups of students in their designated block. Assessment is focused on students' use of knowledge and reflective practice. Furthermore, it provides students with an opportunity to gain experience in the discipline

**PSYCHOLOGY 10 (YPSYC0A)**

*Prerequisite: None*

This introductory course will introduce students to the vocabulary, concepts, and theories that form the basis for education in psychology. Students will be presented with various opportunities to evaluate how psychological perspectives and core concepts can help them better understand themselves and the world around them. They will also develop strategies that will contribute to an improved sense of mental well-being and help equip them to face life's challenges.

**PSYCHOLOGY 11 (YPSYC1A)**

*Prerequisite: Psychology 10*

Psychology 11 is an interactive course that reviews various factors of human behavior. We will be looking at development throughout the lifespan, personality, and conditional learning. By examining such aspects, students will have the chance to look deeper into the mind and examine who we truly are and aspire to be.

**PSYCHOLOGY 12 (YPSYC2A)**

*Prerequisite: Psychology 11*

This last course in the psychology sequence will help provide you with a deeper knowledge of various psychological fields. The course will review a number of topics to 'cap' off your psychology education at CSS. Students will engage in more deeper and intense topics, such as: consciousness, psychological disorders, various therapeutic techniques, and the use of biomedical treatments (drugs). Students will not only gain a more complete picture of the world of psychology, but also find themselves better able to understand how we function as humans and how to approach various challenges to our mindsets. (This is a locally developed elective course and is not recognized by universities to satisfy entrance requirements)

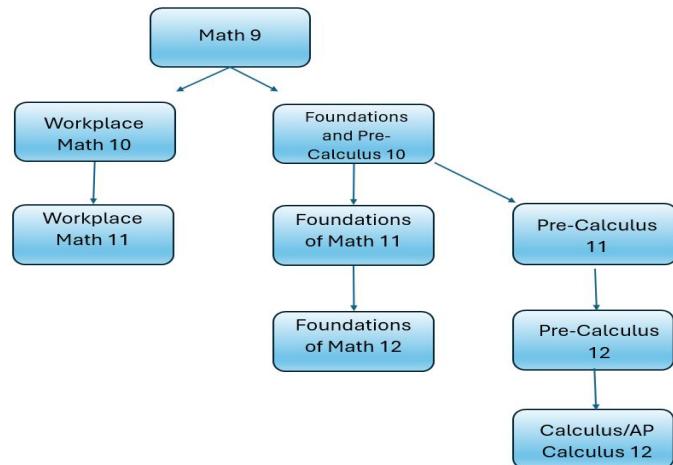
## INTRO TO CAREERS IN TEACHING 12 (YSSC-2A)

*Prerequisite:* None

This course is open to grade 11 and 12 students interested in exploring a career in teaching. It will provide them with the opportunity to learn about this career path and the many places it can lead. This class will cover a variety of topics from legal rights and responsibilities - to how people learn - to job opportunities locally and internationally. This is a great course for students who want to get their feet wet in the world of teaching or who aspire to travel and teach English abroad.

## MATHEMATICS

---



### MATHEMATICS 9 (MMA--09) – OPEN TO GRADE 9

*Prerequisite:* Math 8

Mathematics 9 is the last common Mathematics course that all students will study. The goal of the course is to continue to develop the student's numeracy and computation skills through concepts such as financial literacy, statistics, and proportional reasoning. However, a greater emphasis will begin to be placed on algebraic and abstract thinking through concepts like solving two variable relations, operations with polynomials, and introduction to the exponent laws.

### FOUNDATIONS OF MATHEMATICS AND PRE-CALCULUS 10 (MFMP-10)

*Prerequisite:* Mathematics 9

Students who plan on attending academic post-secondary programs which require the study of mathematics will be choosing this pathway in grade 10. This course requires the successful completion of Mathematics 9. In this course, students will further develop their mathematical skills and thinking using proportions, linear relations, data analysis, and algebraic operations and processes. Most students will choose this pathway in grade 10.

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

*Prerequisite:* Foundations of Mathematics and Pre-Calculus 10

Students who plan on attending academic post-secondary programs which do not require the study of calculus will be choosing this pathway in grade 11. This course requires the successful completion of Foundations of Mathematics and Pre-calculus 10. In this course, students will further develop their mathematical skills and thinking using proportional comparisons, quadratic functions, statistical analysis, and logical reasoning. Most students that successfully complete Foundations and Pre-calculus 10 will choose this pathway.

**FOUNDATIONS OF MATHEMATICS 12 (MFOM-12)**

*Prerequisite:* Foundation of Mathematics 11

Students who plan on attending academic post-secondary programs which do not require the study of calculus will be choosing this pathway in grade 12. This course requires the successful completion of Foundations of Mathematics 11. In this course, students will further develop their mathematical skills and thinking using combinations and the fundamental counting principle, regressions and regression analysis, probability, and logical reasoning.

**PRE-CALCULUS 11 (MPREC11)**

*Prerequisite:* Foundation and Pre-Calculus 10

Students who plan on attending academic post-secondary programs which do require the study of calculus will be choosing this pathway in grade 11. This course requires the successful completion of Foundations of Mathematics and Pre-calculus 10. In this course, students will further develop their mathematical skills and thinking using proportional comparisons, quadratic functions, extended algebraic procedures, and abstract thinking. Few students that successfully complete Foundations and Pre-calculus 10 will choose this pathway.

**PRE-CALCULUS 12 (MPREC12)**

*Prerequisite:* Pre-Calculus 11

Students who plan on attending academic post-secondary programs which do require the study of calculus will be choosing this pathway in grade 12. This course requires the successful completion of Pre-calculus 11. In this course, students will further develop their mathematical skills and thinking using transformations of functions, logarithms, conic sections, and trigonometric functions. This course must be successfully completed before taking Calculus 12.

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

*Prerequisite:* Math 9

Students who plan on enrolling in trades programs or directly entering the work force will be choosing this pathway in grade 10. This course requires the successful completion of Mathematics 9. In this course, students will further develop their mathematical skills and thinking using proportions, graphical relations, data analysis, and numeric operations and processes. Some students will choose this pathway in grade 10.

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

*Prerequisite:* Workplace Math 10

In this course, students will further develop their mathematical skills and thinking using proportional relationships, financial mathematics, statistical analysis, and spatial relationships. ALL students that successfully completed Workplace Mathematics 10 will choose this pathway.

**AP CALCULUS 12 (ACAL-12)**

*Prerequisite:* Pre-Calculus 12

The Advanced Placement Calculus AB course follows the Advanced Placement syllabus and students will take the AP test in May. AP Calculus is recognized in all North American Universities and Colleges. Course study will include limits, derivatives, integrals, and solve rate of change problems. This course requires the successful completion of Pre-Calculus 12.

**APPRENTICESHIP MATHEMATICS 12 (MAPPR12)**

*Prerequisite:* Workplace Math 11

In this course, students will further develop their mathematical skills and thinking using proportional relationships, precision and uncertainty of measurements, spatial relationships, and trigonometry. This course requires the successful completion of Workplace Mathematics 11.

**CALCULUS 12 (MCALC12)**

*Prerequisite:* Pre-Calculus 12

Calculus 12 introduces the student to university level Calculus concepts. This course is recommended for students entering studies in the fields of Science, Engineering, Computer science or Medicine. Students will develop an understanding of the concepts of limits, derivatives, integrals, and solve rate of change problems. This course requires the successful completion of Pre-calculus 12.

## **MODERN LANGUAGES**

---

**FRENCH 9 (MFR--09)/INTRODUCTORY FRENCH 11 (MFRI—11) – OPEN TO GRADE 9**

*Prerequisite:* French 8

This program is open to all students. This program offers a balanced approach to meaningful second language learning. While examining topics that are relevant to everyday life, students will be engaged in oral, written, and reading activities that will enhance their fluency. Students will also delve into aspects of French culture from around the world. Since French is one of Canada's official languages, students' knowledge of the language will be invaluable to them when traveling, seeking employment, and on their path to post-secondary education. Students taking French have the opportunity to participate in a trip to Quebec.

**FRENCH 10 (MFR--10)**

*Prerequisite:* French 9

This program offers a balanced approach to meaningful second language learning. While continuing to examine topics that are relevant to everyday life, students will be engaged in oral, written, and reading activities that will enhance their fluency. Students will also delve into aspects of French culture from around the world. Since French is one of Canada's official languages, students' knowledge of the language will be invaluable to them when traveling, seeking employment, and on their path to post-secondary education. Students taking French have the opportunity to participate in a trip to Quebec.

**FRENCH 11 (MFR--11)**

*Prerequisite:* French 10 or Immersion French (with permission of teacher)

This course is largely geared towards spoken production and interaction. Against the backdrop of French culture and history, students will develop their French speaking skills in a variety of situations. This course also continues to offer students meaningful second language learning on a higher level by developing more advanced reading and writing skills. Students will broaden their French language skills and understanding of French culture through various forms of media. Students taking French have the opportunity to participate in a trip to Quebec. This course meets university entrance language requirements.

**FRENCH 12 (MFR--12)**

*Prerequisite:* French 11 or Immersion French (with permission of teacher)

This course offers students meaningful second language learning on a higher level and is largely geared towards conversation and interaction in a multi-media context. Against the backdrop of French culture and history, students will continue to develop language fluency as they examine French literature and authentic media sources. Students will also develop advanced reading and writing skills. This course will help students prepare for university academic studies in French or a career where a second language is required. It will also be beneficial for those wishing to travel or just wanting to speak another language. Students taking French have the opportunity to participate in a trip to Quebec. This course satisfies graduation requirements for some major universities in Canada (e.g. UBC's B.A. programs).

## **INTRODUCTORY GERMAN 11 (MBGE-11)**

*Prerequisite:* None

This course is an introduction to the language for students with little or no German background. The focus is on communication. By the end of this course, you will be able to make yourself understood in German, using introductory listening, speaking, reading, and writing skills. You will experience cultural aspects of German-speaking countries, such as music, food, movies, travel, etc. This course does not meet university entrance language requirements, unless followed by German 11. Students taking German have the opportunity to participate in a 2-week exchange to Germany.

## **GERMAN 11 (MGE--11)**

*Prerequisite:* Introductory German 11 or German spoken at home

Against the backdrop of German culture, students will develop their German speaking skills in a variety of situations. This course also continues to offer students meaningful second language learning on a higher level by developing more advanced reading and writing skills. Students will broaden their German language skills and understanding of German culture through various forms of media. **German 11 meets university entrance language requirements.** Students taking German have the opportunity to participate in a 2-week exchange to Germany.

## **GERMAN 12 (MGE--12)**

*Prerequisite:* Introductory German 11 or German spoken at home

This course offers students meaningful second language learning on a higher level. Students will increase their vocabulary to 2500 words through advanced listening, speaking, reading, and writing activities, and master the grammar needed for everyday communication. They will continue to analyze cultural aspects of German-speaking countries and resources, including music, TV shows, movies, books, art, etc. **This course satisfies graduation requirements for some major universities in Canada (e.g. UBC's B.A. programs).** Students taking German have the opportunity to participate in a 2-week exchange to Germany.

## **INTRO HALQ'EMEYLEM 11 (MHALQ11)**

*Prerequisite:* None

In this course, students will focus on the Upriver - Halq'emeylem language spoken by the Sto:lo people on whose land our community lives, works, and goes to school. Students will actively engage in and gain insight into the Sto:lo culture, be inspired through the development of intercultural understanding, and join in Aboriginal language revitalization. Successful completion of this foundational course prepares students for progression into higher levels of study in Halq'emeylem and Sto:lo cultural learning. Apart from the benefits Halq'emeylem education provides First Nations People, it would also benefit non-aboriginal students living in our diverse community. This course welcomes all students.

## **INTRODUCTORY JAPANESE 11 (MBJA-11)**

*Prerequisite:* None

This course is designed for students who have little or no experience learning Japanese. The goal of this course is to develop basic oral and written communication skills through an emphasis on vocabulary, grammar, and culture. Upon successful completion of this course, students will be able to carry on basic daily conversations and will be able to read and write Hiragana with fluency. This course does not meet university entrance language requirements, unless followed by Japanese 11. Students taking this course will be able to participate in activities and cultural exchanges with students from Japan.

## **JAPANESE 11 (MJA--11)**

*Prerequisite:* Introductory Japanese 11

This course will build on the skills developed in Introductory Japanese 11 with an intense focus on communication through daily activities and exercises. Additional emphasis will be placed on learning to read and write katakana characters (the second Japanese writing system). Further aspects of Japanese culture and customs will be explored. **Japanese 11 meets university entrance language requirements.** Students taking this course will be able to participate in activities and cultural exchanges with students from Japan. Students who complete Japanese 12 will also be eligible to continue their studies in additional Japanese language courses at CSS (see Mr. Bhatti for details)

**JAPANESE 12 (MJA--12)**

*Prerequisite:* Japanese 11

This course will build on the skills developed in Japanese 11 with a more intense focus on communication through daily activities and exercises. Additional emphasis will be placed on learning to read and write kanji characters (the third Japanese writing system). Further aspects of Japanese culture and customs will be explored. **Japanese 12 meets university entrance language requirements and satisfies graduation requirements for some major universities in Canada (e.g. UBC's B.A. programs).** Students taking this course will be able to participate in activities and cultural exchanges with students from Japan.

**SPANISH Level 1 (MSP--09 / MBSP--11) – OPEN TO GRADE 9**

*Prerequisite:* None

This is the academic, level 1 course for Spanish. It is an introduction to the language for students with little or no Spanish background. Using a theme-centered approach, students actively participate in language tasks (listening, speaking, reading, and writing) both individually and in small groups. Students will learn core material (essential high-frequency vocabulary, including verbs, and grammar) that will allow them to communicate. There will be opportunities throughout the course for students to learn about the values, customs, and contributions of various Spanish-speaking countries. Themes include: Greetings, School life, Family life, and Hobbies.

**SPANISH Level 2 (MSP--10)**

*Prerequisite:* Spanish Level 1

This academic, level 2 course for Spanish offers a balanced approach to meaningful second language learning. While continuing to examine topics that are relevant to everyday life, students will actively participate in language tasks (listening, speaking, reading, and writing) both individually and in small groups to enhance their fluency. There will also be opportunities throughout the course for students to learn about the values, customs, and contributions of various Spanish-speaking countries. Themes include: Vacations, Shopping, Daily Routine and Food

**SPANISH Level 3 (MSP--11)**

*Prerequisite:* Spanish Level 2

This is the academic level 3 course for Spanish. Students are expected to have a solid foundation of Spanish for this course. This course takes on a higher-level approach where students will be reading and engaging with novels and participate in inquiry projects to investigate regional and ethnic diversity of the Spanish language and Hispanic culture. **Spanish 11 meets university entrance language requirements.** Themes include: Medical, Household, Technology and Nature

**SPANISH Level 4 (MSP--12)**

*Prerequisite:* Spanish Level 3. This is the academic level 4 course for Spanish

This course offers students meaningful second language learning on a higher level and is largely geared towards conversation and interaction. Students are expected to have a solid foundation of Spanish for this course. This course takes on a higher-level approach where students will be reading and engaging with novels and participate in inquiry projects to investigate regional and ethnic diversity of the Spanish language and Hispanic culture. In addition, students will explore educational, personal, and professional opportunities requiring proficiency in Spanish or to further acquisition of the language beyond graduation. **This course satisfies graduation requirements for some major universities in Canada (e.g. UBC's B.A. programs).**

Themes include: City Living, Health, Workplace and Art

## LANGUAGES, CULTURE AND TRAVEL 10 (YLOE-0A)

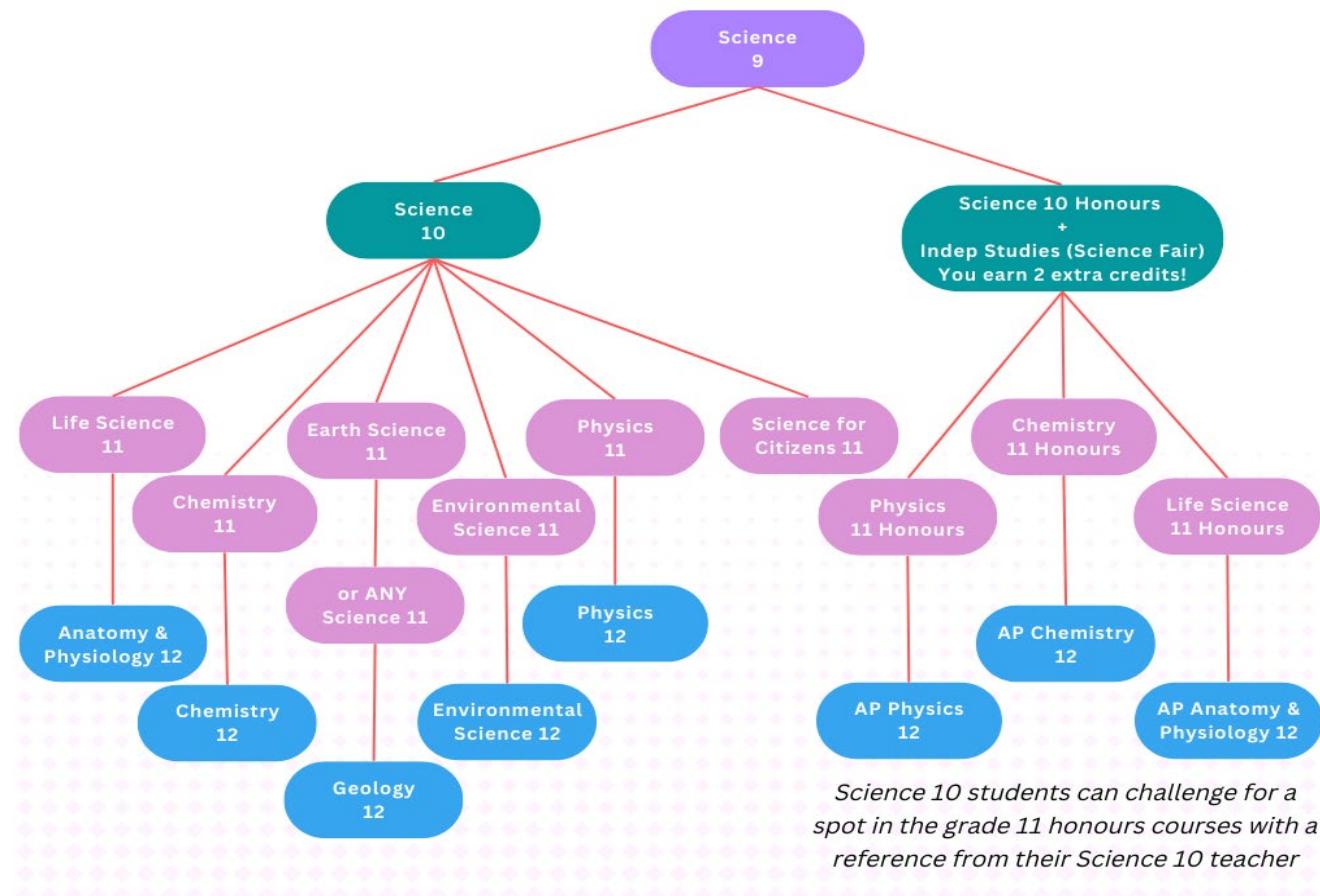
Prerequisite: None

Have you ever dreamed of travelling overseas, but you have no idea where to start? Do you have some ideas, but want to learn from seasoned travelers' experiences? Then join Travel, Culture, and Languages to gain practical experience for planning your own great adventure.

Travel, Cultures, and Languages is a course which explores personal development, travel adventure, and global cultural connections. Following the applied skills framework, students will explore skills such as developing empathy, identifying problems, researching solutions, designing (and sharing) plans, and reflecting on the process. By course end, students ought to be able to successfully demonstrate their learning by applying, assessing, and synthesizing information to create their own adventure framework.

**There are no exams or quizzes in this course.**

## SCIENCE



## SCIENCE 9 (MSC--09) – OPEN FOR GRADE 9

Prerequisite: Science 8

Science 9 involves the study and hands-on exploration of the following topics: Mitosis and Meiosis, Atomic Theory and the Periodic Table, Electricity, and Biosphere Processes. An emphasis will be placed on laying a strong foundation of science knowledge, communication, and critical thinking skills, in preparation for Science 10. Upon successful completion of Science 9, students are promoted to Science 10, or may choose to apply for Science 10 Honours.

**SCIENCE 10 (MSC--10)**

*Prerequisite:* Science 9

Science 10 involves the study and hands-on exploration of the following topics: DNA and Genetics, Chemical Reactions and Nuclear Radiation, Energy Transfer, and Space Science. After their successful completion of Science 10, students may choose courses in specific science fields in grade 11.

**SCIENCE 10 HONOURS (MSC--10H)**

*Prerequisite:* A minimum of “B” or better in Science 9, recommendation from Science 9 teacher and counsellor, and completion of an Application Form

The Science 10 Honours course is an extended version of regular Science 10 topics: DNA and Genetics, Chemical Reactions and Nuclear Radiation, Energy Transfer, and Space Science. There is a special emphasis on breadth and depth of topics, as well as a focus on enhanced study skills, critical thinking skills, analytical skills and integration of mathematics in science. Students will complete an Inquiry Project (often a Science Fair Project) for 2 extra course credits, as a part of Science 10 Honours. This course is recommended for students interested in potentially pursuing a career in the sciences or applied science fields. After completing Science 10 Honours, students are well prepared to take honours 11 level sciences.

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

*Prerequisite:* Science 10, Math 10 and Math 11 (“C+” or better recommended)

This course is an introductory course designed to stimulate the students’ interest in chemistry. The big ideas include, Atoms and Molecules, the Mole concept, Chemical Reactions, Solution Chemistry, and Organic chemistry. This course contains various activities and lab-oriented assessments requiring lab reports to be well written and completed on time. Other activities include lectures, discussions, films, videos, and problem-solving sessions. Homework is assigned on a daily basis.

**CHEMISTRY 11 HONOURS (MCH--11H)**

*Prerequisite:* A minimum of “B” or better in Science 10 Honours or an “A” in Science 10 with teacher permission and Math 10

Chemistry 11 Honours is similar to the regular Chemistry 11 course but demands a faster pace allowing more topics to be covered with greater detail. From regular Chemistry 11 we will add in units on, Nuclear Chemistry, Redox reactions, and Quantum Chemistry. Laboratory work is emphasized to a greater extent. This course is recommended for any student considering Advanced Placement Chemistry 12; however, it is open to all grade 11 and 12 students with a keen interest and above average ability in math and science.

**CHEMISTRY 12 (MCH--12)**

*Prerequisite:* Chemistry 11, Math 11 C+ or better in both recommended

Chemistry 12 curriculum includes the following three major topics to be studied in depth:

1. Electro-chemistry including electro-chemical and electrolytic cells.
2. Chemical Equilibrium including solution chemistry and reaction kinetics.
3. The Chemistry of acids, bases, salts, and buffers.

This course includes several laboratory experiments, so formal lab reports (well written and completed on time) are important. Other activities include lectures, discussions, films, videos and problem-solving sessions. Homework is assigned on a daily basis.

**AP CHEMISTRY 12 (ACHE-12)**

*Prerequisite:* Chemistry 11 Honours (or Chemistry 11 with Special Teacher Permission) and Chemistry 12

Topics for AP Chemistry include Gas Laws, Reaction Kinetics using Rate Laws and Integrated Rate Laws, and Thermodynamics. This is a much more laboratory intensive course and students will be expected to be comfortable in the lab as well as designing some of their own labs and activities.

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

*Prerequisite:* Science 10

Earth Science 11 is recognized as a Science 11 course by universities and colleges.

There is no better place on Earth to learn about rocks and minerals, geologic processes, plate tectonics, oceans and space than right here in British Columbia. Learn about local mountains and far away oceans as we discover what makes Earth amazing.

Earth Science includes the study of:

1. **Geology** - the history of planet Earth, and processes which build up and wear down the Earth's crust. Topics include plate tectonics, volcanism, earthquakes, weathering and erosion and Earth resources.

2. **Oceanography** – an overview of Earth's oceans. This includes surface and deep ocean currents, topography of the ocean floor, and the influence of oceans on Earth's landmasses.

3. **Meteorology** – Earth's atmosphere and weather, including weather forecasting and climate changes.

4. **Astronomy** – the neighborhood beyond Earth. Topics include the solar system, the Sun, and space exploration.

Several research projects and lab reports will be assigned throughout the course. Class work will include lectures, discussions, labs, videos, and new developments ("Earth Science News") as they occur.

## **GEOLOGY 12 (MGEOL12)**

*Prerequisite:* At least one of Earth Science 11 (recommended), Life Science 11, Chemistry 11 or Physics 11

Geology 12 is an academic science course recognized by universities and colleges. It provides an opportunity for further study by students whose interest was stimulated by earlier studies in Earth Science. In addition, it provides the base from which students may choose a wide array of career choices involving natural Earth resources, such as mineral & petroleum exploration, natural resource manager, climatologist and many more!

The course includes:

1. **Physical Geology** – rock, minerals, plate tectonics, seismology, volcanism, structural geology, surface and subsurface processes.

2. **Historical Geology** – time and the fossil record.

3. **Economic and Environmental Geology** – mineral, rock and energy resources. Several research projects and lab reports will be assigned throughout the course. Class work will include lectures, discussions, labs, videos, and new developments ("Geology News") as they occur.

## **ENVIRONMENTAL SCIENCE 11 (MEVSC11)**

*Prerequisite:* Science 10

Environmental Science 11 explores two big ideas: 1) The survival of all living things on Earth is dependent on biodiversity, and 2) Healthy and sustainable ecosystems support biodiversity. We also focus on humans as agents of change in this world, and how we can apply responsible personal and community actions that help to support/reclaim biodiversity, both locally and globally. Students will carry out a local service project, several lab investigations that test the health of our local ecosystems (water quality, soil composition, water turbidity, species inventory, etc.) and will explore inquiry-based projects/investigations/& case studies that address the application of this sort of data in a variety of settings.

*\*The Equestrian Program students will also explore the impacts of agriculture (specifically the Equine Industry) on biodiversity and ecosystem health, and learn about sustainable farming practices that meet federal, provincial, and local environmental guidelines.*

## **ENVIRONMENTAL SCIENCE 12 (YRNR-2B)**

*Prerequisite:* Environmental Science 11

This course explores three big ideas: 1) Healthy systems are interconnected, resilient, and adaptive, 2) Healthy and sustainable global systems support life, and 3) Everyone has the ability to develop sustainable practices that impact a system, a community, and themselves. We will also consider long term trends & future scenarios, environmental ethics, sustainable practices, environmental technologies, and careers related to these fields. Students will carry out several hands-on lab and field investigations, as well as inquiry-based projects/investigations & case studies that explore the application of this sort of data in a variety of settings.

**LIFE SCIENCE 11- *formerly known as BIOLOGY 11 (MLFSC11)***

*Prerequisite:* Science 10 (C+ or better recommended)

Life Science 11 introduces students to the study of most major life forms. Topics include: Methods and Principles of Biology, Cells, Evolution, Microbiology (bacteria & viruses), Botany (plants), Zoology (animals), and Ecology. Course work includes discussions, text and article readings, numerous labs, case studies, microscope work, dissections, group work, research projects, fieldtrips, videos and special presentations. Daily homework and study are necessary for success as the course is heavily dependent on vocabulary acquisition.

**LIFE SCIENCE 11 HONOURS - *formerly known as BIOLOGY 11 HONOURS (MLFSC11H)***

*Prerequisite:* A minimum of "B" in Science 10 Honours, or with teacher permission, Chemistry 11 taken concurrently if possible

Life Science 11 Honours covers all of the topics found in Life Science 11 but examines a number of areas in greater detail, as well as topics not found in the regular Life Science 11 curriculum (ex: biochemistry, protein synthesis). This course is recommended for any student considering Advanced Placement Biology 12; however, it is open to all grade 11 and 12 students with a keen interest in Life Sciences and above average ability in the sciences.

**ANATOMY & PHYSIOLOGY 12 - *formerly known as BIOLOGY 12 (MATPH12)***

*Prerequisite:* Life Science 11 (C+ or better recommended), Chemistry 11 strongly recommended

Anatomy & Physiology 12 is an academic course essential for students entering the life sciences or medical fields, and is often required for all students entering the Faculty of Science in most universities. Anatomy & Physiology 12 involves the study of life processes, the cell, and human body systems. The topics include: 1) Cells and Life Processes - this includes cell structure, biological molecules, cell compounds, enzymes, cell membrane, cellular transport, DNA, and protein synthesis; and 2) Human Anatomy & Physiology - this includes body systems such as digestion, circulation, respiration, excretion, nervous and reproduction. Course work includes discussions and notes, text and article readings, numerous labs, case studies, videos, research projects, and dissections such as the fetal pig. Daily homework and study are necessary for success as this course is a highly academic university prep course.

**AP BIOLOGY (ABIO-12)**

*Prerequisite:* Life Science 11 Honours (or Life Science 11 with Special Teacher Permission) and Chemistry 11 with 80% minimum mark

AP Biology will be offered in combination with Anatomy & Physiology 12. In addition to the topics of the Provincial Anatomy & Physiology 12 course (noted above), students will additionally learn about Cellular Energetics, Heredity & Evolution, Diversity in Organisms, Structure & Function of Plants, and Ecology. Students choose to take AP Biology because they plan on doing a science degree in university, and this course is excellent preparation for the demands of university-level studies, within the supportive framework of a high school environment.

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

*Prerequisite:* Science 10, Math 10, and Math 11 (taken concurrently)

Physics 11 is essential for students entering the fields of engineering, many medical fields, physical sciences, aviation, and some trades. This course includes Kinematics, Dynamics, Vectors, Energy, Waves, and Electric Circuits. This course contains part theoretical physics and part experimental physics, with an emphasis on lab reports and problem solving.

**PHYSICS 11 HONOURS (MPH--11H)**

*Prerequisite:* A minimum "B" in Science 10, FMP 10, and Pre-Calculus 11 (taken concurrently)

Physics 11 Honours covers all the topics in Physics 11 but examines some topics in greater detail, with other topics added on. Greater emphasis will be placed on advanced math concepts, laboratory work and university level write-ups.

**PHYSICS 12 (MPH-12)**

*Prerequisite:* Physics 11 and Mathematics 11 (“C+” or better is recommended)

The course content in Physics 12 is similar to that of Physics 11, but the topics are covered in greater depth. Topics involved in Physics 12 include Mechanics (kinematics, forces, energy, and momentum), Electricity, and Magnetism. The course will be taught in the form of lessons, problem solving and laboratory work.

**AP Physics 12 (APHH-11)**

*Corequisite:* AP Calculus 12

The physics topics in AP Physics 12 are the same as Physics 12 but 2 extra units will be added: Simple Harmonic Motion and Angular Momentum. Students must be enrolled in AP Calculus 12 at the same time, as calculus will be used extensively in this course.

**SCIENCE FOR CITIZENS 11 (MSCCT11)**

*Prerequisite:* Science 10

The focus of the course is on real world, practical applications of science. The big ideas in this course are: how scientific processes and knowledge inform our decisions and impact our daily life; how scientific knowledge can be used to develop procedures, techniques and technologies that have implications for places of employment; and how scientific understanding enables humans to respond and adapt to changes locally and globally. This course is an issues-oriented exploration of topics designed to promote scientific understanding and analytical skills. It explores scientific topics that a person encounters in their daily lives and in a work environment. The course also explores the science behind numerous environmental concerns and forensic investigations. Science for Citizens 11 provides students with graduation credit for a Science 11 course but is not recognized by most post-secondary institutions.

**SPECIALIZED SCIENCE: ASTRONOMY 12 (MSPSC12)**

*Prerequisite:* Any Math 10, Science 10 or 10 Honours, and at least one of Earth Science 11, Environmental Science 11, Life Science 11, Chemistry 11, or Physics 11.

Astronomy 12 is a hands-on, inquiry-driven journey through the universe. Students will explore stars, galaxies, black holes, dark matter, and the evolution of the cosmos through experiments, modelling, data analysis, and creative projects that make complex astronomy concepts understandable and relevant.

We'll map the night sky, build tools such as pinhole cameras and simple telescopes, work with real astronomical data, and investigate how scientists measure distances, classify stars, and unravel stellar life cycles. Students will study the celestial sphere, star types, stellar evolution, galaxies, the origin of the universe, and the physics behind phenomena like fusion, photons, and pulsars.

The course also examines humanity's exploration of space—from the Space Race to modern missions such as James Webb, Artemis, and Mars rovers. Students will consider current debates and future possibilities including exoplanets, terraforming, and the search for life elsewhere in the universe.

Throughout the course, the emphasis is on doing astronomy, not just reading about it. Students will ask questions, build models, solve cosmic mysteries, and learn to think like astronomers while discovering their place in the universe.

## **SOCIAL STUDIES**

---

### **SOCIAL STUDIES COURSE FLOW**

**Grade 9 and 10 Courses**

<b>SOCIAL STUDIES (MSS—09)</b> Canada's formation and early change	<b>SOCIAL STUDIES (MSS—10)</b> Modern Canada and global impacts
---	--

### **Grade 12 Pathways (choose one or more)**



<b>20<sup>th</sup> CENTURY WORLD HISTORY 12 (MWH—12)</b>  Global conflicts and modern ideologies	<b>AP EUROPEAN HISTORY 12 (AHI—12)</b>  Europe's evolution and world influence	<b>BC FIRST PEOPLES 12 (MBCFP12)</b>  Indigenous cultures, resilience, self-governance, land
<b>COMPARATIVE CULTURES 12 (MCMCL12)</b>  Human societies and cultural systems	<b>SOCIAL JUSTICE 12 (MSJ—12)</b>  Equity, activism, human rights action	<b>GENOCIDE STUDIES 12 (MGENO12)</b>  Causes and consequences of genocide
<b>LEGAL STUDIES 12 (MLST-12)</b>  Law, rights and civic justice	<b>PHILOSOPHY 12 (MPHIL12)</b>  Thinking, ethics, knowledge and reason	<b>PHYSICAL GEOGRAPHY 12 (MPGEO12)</b>  Earth systems, hazards, and landscapes

## **SOCIAL STUDIES 9 (MSS--09) – OPEN TO GRADE 9**

*Prerequisite:* Social Studies 8

Social Studies students are required to demonstrate competency in the “Big 6 of Historical Thinking”: significance, evidence, continuity and change, cause and consequences, historical perspective, and ethical judgement. Content is used as a vehicle to develop the competencies. Social Studies 9 examines Canada and its connections with events transforming Europe and the Americas between 1750 and 1914. Course themes will include the rise of radical and democratic movements and Canada’s emergence through rebellion, reform, confederation, and the National Policy. Students will also learn how technological innovation and immigration transformed the continent, and how people, place, and culture have interacted to give rise to the unique regions of Canada. The development of reading, writing, and critical thinking skills will be essential focuses of the course.

## **HUMANITIES 10 (English First Peoples 10 and Social Studies 10) ARTS INQUIRY FOCUS**

**(MEFLS10, MEFWR10 & MSS10)**

*Prerequisite:* Socials Studies 9

*Humanities 10* combines the learning outcomes of Social Studies 10 and English First Peoples 10 in a blended, cross-curricular format. This year-long enrichment course examines Canada from 1914 to the present, exploring the ways that historical, cultural, and literary perspectives shape our understanding of identity and nationhood. Students will read and respond to First Peoples literature across a range of contexts, genres, and media, using these works to deepen their appreciation of personal and cultural identities, histories, and connections to land and place.

In this course, students will be given extensive opportunities to develop inquiry projects and will learn through project-based learning that encourages curiosity, creativity, and critical thinking. Students will connect historical inquiry with creative and analytical expression, focusing on themes that examine how developments in Canadian society can be viewed from multiple worldviews and perspectives, recognizing the diversity of experiences that shape our shared history. *Humanities 10* is designed to prepare students with the knowledge, skills, and mindset to thrive in Social Justice 12 and English Honors 11. This course is an excellent choice for curious, reflective, and out-of-the-box thinkers who enjoy making connections between stories, history, and the world around them.

**\*This course satisfies the Indigenous Grad Requirement\***

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

*Prerequisite:* Social Studies 9

Social Studies students are required to demonstrate competency in the “Big 6 of Historical Thinking”: significance, evidence, continuity and change, cause and consequences, historical perspective, and ethical judgement. Content is used as a vehicle to develop the competencies. Social Studies 10 examines Canada from 1914 to the present. Course themes will examine the interrelations between economics, law, society, culture, politics, and global concerns. Social Studies 10 will examine how local, national, and global conflicts can have lasting effects on the contemporary world. Students will gain an understanding of how political decision making and societal change in Canada are influenced by interactions between individuals, groups, institutions, regional interests, and the environment. Students will examine how developments in Canadian society can be viewed in many different ways depending on an individual’s worldview or perspective. The development of reading, writing, and critical thinking skills will be essential focuses of the course.

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

*Prerequisite:* Social Studies 10

History 12 is a project-based course where students design, present and construct projects using Web 2.0 interactive technology. There are *no* tests or quizzes in this course. Projects range from making movies, constructing games, enacting a mock trial, constructing, and teaching lessons, and designing concept maps. Student will examine the history of the Twentieth Century concentrating on European/American influences on a global scale, which include the rise and fall of communism, World Wars, peace keeping/making, the cold war, tensions in the Middle East, the war on terrorism and post-cold war relations. Students will develop an awareness of various approaches to history, gaining historical empathy and an appreciation of context, while working with a variety of primary, secondary, and visual sources.

The writing component of the course consists of two 500-word take home essays and a research project into how films change historical understanding. **\*No tests, quizzes, or exams**

## AP EUROPEAN HISTORY 12 (AHI--12)

*Prerequisite:* Social Studies 10

Students who take Advanced Placement European History will be able to get double credits for this course because it meets the requirements of History 12 and Advanced Placement European History. The course serves as an ideal springboard into a history program at University. With its emphasis on working with original documents and writing at the first-year university level, this course challenges students to prepare for university. Students study the period from the Renaissance to the French Revolution, followed by the dramatic events of the nineteenth century, the Industrial Revolution, British imperialism, and the unifications of Germany and Italy. The course then reviews events of the twentieth century and evaluates the impact of World War One and World War Two upon the society of today. Students who achieve 4 or 5 out of 5 on the optional AP Exam may use this as transferable credit for introductory post-secondary history courses at most North American colleges and universities.

B.C. FIRST PEOPLES 12 (MBCFP12)

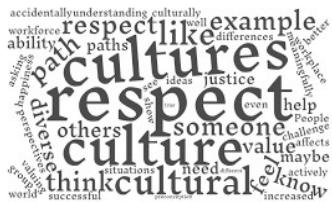
*Prerequisite:* Social Studies 10

B.C. First Peoples 12 examines at how the identities, worldviews, and language of BC First Peoples are renewed, sustained, and transformed through their connection to the land. Students will investigate how the impact of contact and colonialism continues to affect the political, social, and economic lives of BC First Peoples. Students will study how cultural expressions convey the richness, diversity, and resiliency of BC First Peoples. Students will gain an understanding of how, through self-governance, leadership, and self-determination, BC First Peoples challenge and resist Canada's ongoing colonialism. It is intended to provide a conceptual foundation for all learners to develop an appreciation and respect for the similarities among and differences between the diverse cultures of the world. Designed to introduce authentic Indigenous content into the senior secondary curriculum the course provides an opportunity for BC students to acquire knowledge and an understanding of the traditions, history, and present realities of BC Indigenous peoples, as well as a chance to consider future challenges and opportunities. Overall, this course focuses on the history, culture, art and political situation of BC's First Peoples population set against the context of the history of Indigenous Peoples in Canada. ***There is no final exam for this course.***

**\*This course satisfies the Indigenous Grad Requirement\***

## COMPARATIVE CULTURES 12 (MCMCL12)

*Prerequisite:* Social Studies 10



Students in Comparative Cultures 12 each choose a culture - a particular people-group, in a particular place and at a particular time - that interests them, and learn about it, examining how that culture addressed (or addresses) their needs for food, clothing, housing, safety, law & order, conflict resolution, education, and ways of understanding the world. We'll also think about how we do these things in Canadian culture today. This is a project-based course with no exams or tests, no daily homework, and student input on project schedules and deadlines. Each student chooses what they learn, how they learn, and how they show their learning. Through projects and class discussions we also learn from each other, and compare the different ways that human societies have met their needs throughout history and across the world.

learn, and how they show their learning. compare the different ways that human s **There is no final exam for this course.**

## **GENOCIDE STUDIES 12 (MGENO12)**

*Prerequisite:* Social Studies 10

Genocide Studies 12 is a project-based course. Mass violence, torture, and mistreatment of human beings are continuing aspects of humanity. This course will provide students with a greater understanding of the psychological, sociological, cultural, and political roots of Genocide, human cruelty, and mass violence. This course begins with an in-depth analysis of the Holocaust, by first looking at the term "Genocide", the history of anti-Semitism, and its relationship to the Holocaust. The course will then transition to applying the concepts and factors that make the environment ripe for a Genocide and apply them to case studies of Genocide globally base on an understanding of the 8 stages of Genocide. Ultimately, this course seeks to uncover the various themes and patterns of Genocides, honour those who have been lost in ethnic conflict, and remember their history and legacy in order to prevent this pattern from occurring again. This course design gives students the opportunity to consider the origins, conduct, and legacy of genocide from the early 20th century to the present. Students will analyze the Armenian Genocide, the Holocaust, the Cambodian "Killing Fields," the Bosnian Crisis, the Rwandan Massacre, and controversial Genocides in the 20th and 21<sup>st</sup> century. **\*No tests, quizzes, or exams**

## **LEGAL STUDIES 12 (MLST-12)**

*Prerequisite:* Social Studies 10

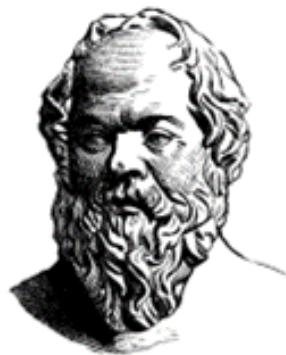
Students who select this course will learn how Canadians, (young and old) are impacted by federal, provincial, and municipal laws. Students will learn how rules and laws differ, even though both are used to influence the behavior of humans. Class-time is devoted for students to learn about BC laws and Canadian laws, evaluating how effective laws are at preventing crimes and keeping citizens safe. Students will learn about their BC human rights and Canadian human rights, which are designed to ensure all citizens are treated fairly. This course allows students to investigate how human rights evolve as BC residents age from infancy to adulthood, focusing on the fair treatment of people. Students will investigate how the British Columbia Human Rights Code guarantees citizens the right to access education, employment, healthcare, and housing once they achieve adulthood. Students will investigate how the Charter of Rights and Freedoms guarantee all Canadians access to legal rights, citizenship rights, fundamental freedoms, and mobility rights today plus democratic voting rights as an adult. Students will learn how to access and use provincial government, and federal government supports to protect these human rights when other citizens do not respect them. Students will learn how Canada's criminal legal system operates from professional guest speakers (Lawyers, Crown Counsel Prosecutors, and R.C.M.P members). Students will visit the Chilliwack Law Courts to attend a BC Sheriff presentation and observe local civil and criminal cases. Students will also investigate how laws are created, why laws exist, and demonstrate knowledge of how citizens can access and use laws. **There are no exams, no tests, and no essay writing assessments for this course.**

**\*This course satisfies your Grade 11 Social Studies Requirement (OR) your Grade 12 Grad Requirement**

## **PHILOSOPHY 12 (MPHIL12)**

*Prerequisite:* Social Studies 10

Philosophy 12 is an excellent course for students moving on to college or university as well as for those intending to work. It explores the ways we think, learn, believe and exist. As a class, we will examine the fundamental nature of knowledge, reality, and existence. To do this, we will develop the tools that allow us to investigate and understand our world and to foster an understanding of different ways of thinking. Students will think, talk, and write in order to examine the topics that help us question our assumptions and better understand our beliefs. We will develop our critical, analytical, and problem-solving skills in the context of a multitude of questions. Considering how many philosophical questions deal with issues without definitive answers, we will also explore logic and reasoning to help us arrive at informed conclusions. Particular areas of focus include methods of reasoning and argument in philosophy, metaphysical theories about the nature of reality, theories about knowledge and truth, social and political philosophy, and theories of morality, ethics, and beauty.



## **PHYSICAL GEOGRAPHY 12 (MPGEO12)**

*Prerequisite:* Social Studies 10

Physical Geography 12 is an exhilarating journey through the powerful forces that shape our planet. Explore the stunning landscapes of British Columbia, from towering mountains to dramatic coastlines, formed by tectonics, glaciers, and erosion. Uncover the secrets of climate, weather, and the water cycle, and see how they impact BC's diverse environment. Get ready to learn about natural hazards like earthquakes, tsunamis, and floods. This course is an exciting adventure into the earth's dynamic systems, where you'll uncover the science behind the stunning world around us!

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

*Prerequisite:* Social Studies 10

Are you passionate about making your community and the world a fairer, more caring place? In Social Justice 12, you'll dive into real-world issues—such as poverty, discrimination, and human rights—and learn how people around the globe are fighting for equality. Through hands-on projects, you'll create and carry out your own initiatives to help others, whether it's raising awareness about an issue that matters to you or working with local organizations to support people in need. By the end of this course, you will have gained the knowledge, confidence, and skills to step up and start making positive changes right here, right now. *\*Approximately 25% of the course mark is dependent on an Action project. There is no final exam.*

## **SPECIALTY PROGRAMS**

---

### **ADVANCED PLACEMENT PROGRAM**

Advanced Placement (AP) is a program of college-level courses and exams for secondary school students. It is a way for schools to challenge their stronger students with courses appropriate to their abilities and interests and to provide exciting in-depth opportunities. The standards, curricula and exams are set by the American College Board and result in either credit or advanced placement in colleges and universities. The exam will cost each student approximately \$150.00 and is written in May. Students should check the status of each course in B.C. universities with their counsellor. In most cases, a student may enroll in the next level course, but this varies with each course, the specific university and the standard achieved in the exam. These courses also provide an opportunity for students to distinguish themselves for their academic excellence and enhance their opportunities for entrance scholarships to universities. For more details, refer to the course descriptions listed by subject, and discuss with individual subject teachers.

Advanced Placement courses that are currently offered:

- **AP Biology 12**
- **AP Calculus 12**
- **AP Chemistry 12**
- **AP Computer Science 12**
- **AP English Literature & Composition 12**
- **AP European History 12**

Reasons to take AP: 1) They are challenging and provide enrichment to the regular program. 2) Since they conform to international standards, some post-secondary institutions prefer their applicants to take AP courses. 3) Because they are 1st year university level courses, students completing them find the transition to first year post-secondary workload easier. Note: since AP courses require considerable extra effort, they should only be taken by those who have a keen interest and ability for the subject.

### **GUIDED LEARNING- GRADE 12 STUDENTS ONLY**

*Prerequisite:* By application only, enrollment in 8 courses

A Guided Learning block will be considered for students who can demonstrate a need for outside class support due to a demanding academic schedule. The opportunity will be provided if the following conditions are met: must have a minimum of a "B" average in grade 11, must be enrolled in 4 or more grade 12 academic courses, have good attendance and good behavior. Students in Advanced Placement courses will be given priority. Grade 12 students may apply by completing an application available from their counsellor. Students are required to complete all required activities. Please note that attendance in the library is mandatory.

## INDEPENDENT DIRECTED STUDIES

Independent Directed Studies (IDS) allows students to initiate, develop, and complete their own courses under the supervision of a subject teacher. The IDS opportunity allows students to pursue enrichment or related topics or projects that are an extension of any course taken by a student.

An IDS course must be based on the learning outcomes of a Ministry-Authorized, Board/Authority Authorized or Grade 10, 11, or 12 course. An IDS course can be one, two, three or four credits. (One credit represents the value attached to the knowledge, skills, and attitudes that most students can acquire in approximately 30 hours of instruction). IDS courses can only count toward Elective Courses. IDS courses at the Grade 12 level meet the required Grade 12 course requirement. They cannot be counted in the Adult Graduation Program.

All IDS proposals must be approved by the principal.

### **For example, outside of class time:**

1. A student investigates more challenging aspects of calculus.
2. A student completes a study of the effect of nutrition and exercise on fitness.
3. A student studies in depth a Shakespearean play not studied in class.
4. A student designs and builds a high-performance V-8 engine.
5. A student investigates the “compact theory” of Canadian history.
6. A student investigates, develops cooking skills and prepares ethnic foods.
7. A student investigates and reports on a particular function of the human brain.

If you are interested in a particular topic, please see the subject teacher or your counsellor.

## EQUESTRIAN PROGRAM

Applicants to the Equestrian Program should be entering grade 10, 11, or 12 and have a strong interest in learning about horses. It is aimed at students who either have career goals related to the horse industry (vet, trainer, farrier, etc.) or who hope to (or already do) pursue riding as a hobby and would benefit from a half day outside as a part of their course schedule. This is an individualized and experiential program, delivered both on CSS campus and at the barn (rain or shine). Students do not require any previous horse handling/or horseback riding experience, just a strong desire to learn.

In this program, students earn a minimum of 12 credits by taking the following courses:

- **Equine Studies 10**
- **Environmental Science 11**
- **Physical and Health Education 10 (of Active Living 11/12 for older students)**

*Optional additional credits* may be earned by taking Equine Canada River Level testing at the end of the course if the student has progressed enough to be ready for it. *Testing fees may apply.*

In the Equine Studies 10 course, students will learn everything from how to work safely around horses, basic stable management (care, grooming, feeds, tack, horse anatomy & first aid, etc.), as well as riding skills. We follow the CHA and EC manuals for all our stable management instruction. Riding instruction will happen in small groups with experienced coaches and lesson horses. Lessons will be individualized based on each rider's initial level of comfort and experience, with an emphasis on safety, fun, and deepening their equestrian skills. All transportation is included, and trips to & from the barn happen within the regular school day.

When students are not riding, they will be working on other hands-on/written/online/lab/and fieldwork components relating to Environmental Science 11 (see Science Department course descriptions) and the online PHE 10 (or AL 11/12) components of the program. These courses satisfy important course requirements for high school graduation.

Note that there is a fee for this program in order to help contribute toward the significant costs associated with the barn, coaching, busing, and mandatory Horse Council BC memberships for every student. For an Application Package, brochure, or more information, visit us on the CSS website at: [css.sd33.bc.ca/equestrian-program](http://css.sd33.bc.ca/equestrian-program) or email Avril Broekhuizen (Equestrian Program Teacher) at: [avril\\_broekhuizen@sd33.bc.ca](mailto:avril_broekhuizen@sd33.bc.ca)

## OUTDOOR EDUCATION COHORTS

Outdoor Education classes are available to all grades at CSS as a part of larger learning-group cohorts: students enrolled in an Outdoor Education course will also be enrolled in Science, English, and Active Living courses together as a group (and choose their remaining four classes individually). The Outdoor Education Cohorts will teach students how to enjoy the outdoors in a safe, responsible way; improve health and fitness, and foster active, healthy lifestyles; and deepen students' appreciation and understanding of natural and local environments. Please see more information in the **ACTIVE LIVING** section of this **Course Calendar** detailing the outdoor pursuits covered in the program. Students must have appropriate outdoor clothing and hiking boots to participate. New grade 9 students and grade 12 students may apply with special permission. A single-grade or a mixed-grade cohort may be scheduled depending upon the number of applicants who apply from each grade level. **There is a fee and application process for this program.** Financial support is available upon request. Please email [gerad\\_shea@sd33.bc.ca](mailto:gerad_shea@sd33.bc.ca), [jason\\_shea@sd33.bc.ca](mailto:jason_shea@sd33.bc.ca) or [nicholas\\_hyde@sd33.bc.ca](mailto:nicholas_hyde@sd33.bc.ca) for more information and visit <https://css.sd33.bc.ca/outdoor-education-program> and [css\\_oed](#) on Instagram.



## HUMAN SERVICES CAREER ENRICHMENT PROGRAM

### Requirement: Application in grade 9

This is a first of its kind 3-year program for students who envision a career in the human services. This course has been developed here in Chilliwack and demand for the program is growing in a large number of western nations. At the core of this very cool program is a partnership between SD33, UFV, MCFD, and BBBS. HSCeP includes on block course work, 6-8 off timetable training sessions spread throughout the school year, and a placement(s) with a focus on mentorship.

Application to the program begins in grade 9. Information is available upon request.

Please contact your counsellor about the program or to obtain an **application form** from our website.

Grade 10	Grade 11	Grade 12
<p><u>Course Registration #1:</u> on timetable: <b>Psychology 10 (Foundations)</b> – 4 credits</p> <p><u>What:</u> Psychology 10 (HSCeP Cohort Level 1)</p> <p><u>Where:</u> CSS</p> <p><u>Teacher:</u> Mrs. Porter</p>	<p><u>Course Registration #1:</u> on timetable: <b>Psychology 11</b> – 4 credits</p> <p><u>What:</u> Psychology 11 (HSCeP Cohort Level 2)</p> <p><u>Where:</u> CSS</p> <p><u>Teacher:</u> Mrs. Porter</p>	<p><u>Course Registration #1:</u> on timetable: <b>Psychology 12</b> – 4 credits</p> <p><u>What:</u> Psychology 12 (HSCeP Cohort Level 3)</p> <p><u>Where:</u> CSS</p> <p><u>Teacher:</u> Mrs. Porter</p>
<p><u>Course Registration #2:</u> off-timetable: <b>Sessions in Applied Psychology 10</b> 4 credits</p> <p><u>What:</u> 8 Saturday sessions through September – June</p> <p><u>Where:</u> various locations</p> <p><u>Saturday Session coordinator:</u> UFV &amp; BBBS</p> <p><u>Supervision:</u> BBBS</p> <p><u>Placement Arrangement:</u> Mrs. Porter</p>	<p><u>Course Registration #2:</u> off-timetable: <b>Sessions in Applied Psychology 11</b> 4 credits</p> <p><u>What:</u> 7 Saturday sessions through September – June <u>and</u> a placement in an elementary or middle school</p> <p><u>Where:</u> various locations</p> <p><u>Saturday Session coordinator:</u> UFV &amp; BBBS</p> <p><u>Supervision:</u> BBBS</p> <p><u>Placement Arrangement:</u> Mrs. Porter</p>	<p><u>Course Registration #2:</u> off-timetable: <b>Sessions in Applied Psychology 12</b> 4 credits</p> <p><u>What:</u> 6 Saturday sessions through September – June <u>and</u> a placement in an elementary or middle school</p> <p><u>Optional:</u> Pivot Point placement (WEX – 2 credits)</p> <p><u>Where:</u> various locations</p> <p><u>Saturday Session coordinator:</u> UFV &amp; BBBS</p> <p><u>Supervision:</u> BBBS</p> <p><u>Placement Arrangement:</u> Mrs. Porter</p>

## TRADES AND TECHNOLOGY EDUCATION

---

### DRAFTING & DESIGN LEVEL 1 (MADD-09/MTDRF10) – OPEN TO GRADE 9

*Prerequisite:* None

Have you ever thought about what your dream home might look like? If so, this course takes you through the process of designing and digitally building it. The drafting 9/10 course provides preliminary drafting and design skills which will support further studies in the drafting/design 11 course.

Topics include the following:

- Introductory 2D and 3D drawing skills
- Computer Literacy
- Graphic design
- Introduction to industry standard AutoCAD
- Perspective drawing
- Basic use of 2d and 3D CAD.
- Basic orthographic design principles
- Understanding dimensions and basic drafting symbols
- Simple model making
- Digital rendering
- Students have the opportunity to use our 3d printer



### DRAFTING & DESIGN LEVEL 2 (MTDRF11)

*Prerequisite:* Drafting & Design Level 1

This course will appeal to those interested in art /design and those who are technically driven. The focus of the drafting 11 course is aimed at more concentrated projects and design work. Students will cover aspects of commercial/residential home design, mechanical drafting, rapid prototyping, and product ideation.

#### Essential Skills:

- Advanced ideation including the design process and workflow
- Advanced techniques in AutoCAD and 3D modeling
- Introduction to industry standard REVIT
- 3D printing and CNC fundamentals
- Model making
- Concept design based on client profile.
- Portfolio development
- Advanced Rendering skills

**If this is your second time taking drafting, enroll in this course (regardless of what grade you're in).**

## **DRAFTING & DESIGN LEVEL 3 (MTDRF12)**

*Prerequisite:* Drafting & Design 11 Level 2

The focus for drafting/design 12 aims to provide students with advanced commercially directed projects in areas such as architecture/interior design, and mechanical drafting. This course gives a head start to students interested in going into any Drafting related profession. Students are expected to work in a variety of different software applications for different design needs. Skills include a paper to computer process for design ideation and final design.

Students will develop:

- Intensified understanding of computer aided design technologies. REVIT, FUSION 360.
- Enhanced ideation drawing capabilities
- Comprehensive ability to address thematic design problems.
- Development of high-quality visual imagery and presentation format.
- Enhanced portfolio development for post-secondary and career options.
- Ability to self-critique work.
- Understanding of career avenues beyond post-secondary program.

**If this is your third time taking drafting, enroll in this course (regardless of what grade you're in).**

## **INDUSTRIAL DESIGN, ENGINEERING & CODING (MID—12)**

*Prerequisite:* FMP 10 or Math 10 with C+ or higher

Open to: Grade 11 & 12 students

This course will appeal to students interested in:

- Industrial Design (product design), Mechanical Engineering, CADD or CAM (Computer-Aided Manufacturing)
- Creative problem solving
- Art & Design

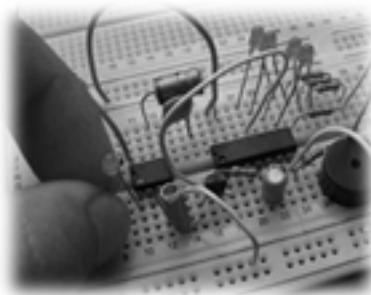
Students will learn the design cycle and complete it on their own projects, from conception to functioning prototype. Students will sketch, draw, and model in 2D and 3D, both manually and using computer technology. Students will use pencil and paper, hand and machine tools to design and create quick models of their ideas, then move to Fusion 360 to create digital models, convert their drawings to machine code, and use 3D printers, lasers, and CNC equipment to create prototypes.



## **ELECTRONICS/ROBOTICS LEVEL 1 (MADER09/MTEAR10) – OPEN TO GRADE 9**

*Prerequisite:* None

This program is highly recommended for students who have a keen interest in automotive and electrical trades, audio/video/Ethernet installations, electronics engineering, and computer science. The content consists of three major components namely: (a) Analog and Digital electronics where students learn to identify and understand the function of electronic components, interpret circuit diagrams, build prototype circuits, and learn and apply analytical skills in trouble shooting. (b) Students learn practical skills of joining and soldering wires, soldering components onto circuit boards, building Ethernet and coax cables. (c) Introduction to the wider use of robots in production, processing, and retail industries. Students will learn the mechanical operations and control systems of robots and be introduced to programming robotic movements. Students are expected to function in a safety-conscious environment, exhibit respectful and responsible behavior, and be prepared to own the learning process for themselves.

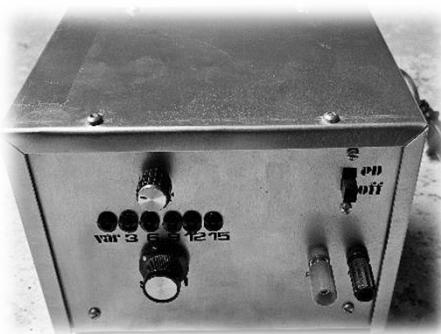


**Electronics/Robotics Level 1 is only offered as a single level course. To continue with the same subject matter, students must enroll in other related subjects in Grade 11.**

## **ELECTRONICS LEVEL 2 (MTELE11)**

*Prerequisite:* Electronics/Robotics Level 1

Electronics level 2 is recommended for students who wish to pursue a career in electronic control systems, industrial instrumentation, and high-tech electronic equipment. This course will also challenge students in skills of communication and collaboration, creative and analytical thinking, and personal and social awareness. Students will learn the function and application of common electronics components and circuit board manufacturing processes. Advanced electronic circuitry will be built from schematic diagrams. Ohm's and Watt's Laws as it relates to resistance, voltage, amperage, and power will be used in electronic circuit calculations. Students will have the opportunity to build practical projects using a variety of hand tools and sophisticated electronic equipment. Students learn transformer calculations and the conversion of AC current to DC current as well as smoothing current for practical use.



**If this is your second time taking Electronics, enroll in this course (regardless of what grade you're in).**

## **METALWORK LEVEL 1 (MTMET10) – OPEN TO GRADE 9**

*Prerequisite:* None – this course is open to all students

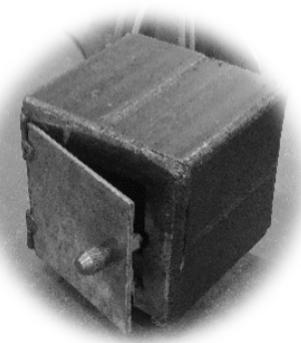
- A hands-on entry-level course open to and recommended for all students.
- Intro Metal completes the necessary pre-requisites of Train in Trades: Welding Foundations
- Designed to introduce students to the numerous career opportunities in the various metalworking fields.
- Covers basics: machine/welding shop safety, machining, sheet metal, foundry, forge, oxy-acetylene welding & cutting.
- Costs: Only for materials beyond those required to meet the learning outcomes for the course.
- Intro Metal is a grade 10 level course which means successful students earn 4 credits towards graduation.
- All students interested in Metalwork or Welding should start with Intro Metal.



## **METALWORK LEVEL 2 (MTMET11)**

*Prerequisite:* Metalwork Level 1

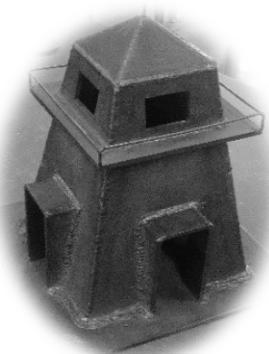
- Metal 11 is a continuation of the Intro Metal course which expands, and continues the skills learned in Intro Metal with greater emphasis on Arc welding, including GMAW and Plasma Arc Cutting and accuracy of machining.
- Students are required to complete certain mandatory skill builders; however, more time is available for personal projects and skill builder modification.
- Aspects of Metal 11 complements the learnings of the Train in Trades: Welding Foundation.
- Costs: Only for materials beyond those required to meet the learning outcomes for the course.



## **METALWORK LEVEL 3 (MTMET12)**

*Prerequisite:* Metalwork Level 2

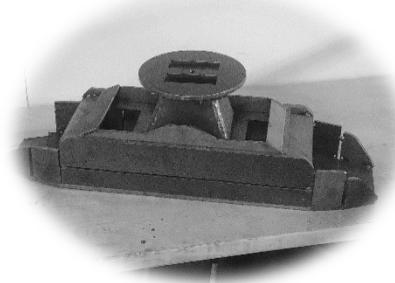
- A partially self-directed metalwork manufacturing course for students interested in post-secondary or direct employment in the many metal related fields.
- A greater emphasis on employability and problem-solving skills and technology required for a changing work force.
- Incorporation of non-metal-related material in metal projects.
- Students may concentrate on welding, metal fabrication, sheet metal, machining, or a combination of these skills.
- Costs: Only for materials beyond those required for the course.



## **METALWORK LEVEL 4 (YIA—2A-M)**

*Prerequisite:* Metalwork Level 3

- Primarily a self-directed course for students entering a machining, fabricating, or welding career, or post-secondary institutions for further study.
- Emphasis is placed on the enhancement of skills of welding and machining.
- Students will help with equipment maintenance and manufacturing in a simulated workplace environment.
- Costs: Only for materials beyond those required to meet the learning outcomes for the course.



If you are interested in getting a Welding Foundations certificate (Skilled Trades BC / University credit) while attending high school, refer to the “Youth Train In Trades” section of this booklet.

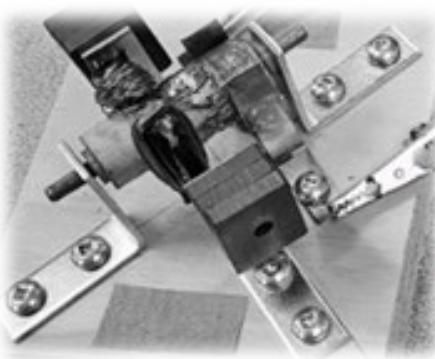
## **ART METAL AND JEWELRY 12 (MTAMJ12)**

*Prerequisite:* Metal Level 1

- Art Metal and Jewelry explores a variety of artistic metalworking processes including pewter casting, aluminum casting, silver casting, soldering, brazing, sheet metal work, chainmail, forging and ornamental iron.
- Projects can include ornaments, jewelry, rings, mobiles, garden art, tableware, and others.
- Materials used are steel, aluminum, pewter, copper, brass, and stainless steel, silver, and recycled materials.
- This course is open to students who have successfully completed Intro Metal

## **POWERTECH LEVEL 1 (MADPT09/MTPOW10) – OPEN TO GRADE 9**

*Prerequisite:* None



The perfect course for the student who has a desire for a “hands on” and theory course that represents all things technological. This course explores the creation and transmission of power. Students learn the principles of operation of internal combustion engines and electric motors their uses and applications. Airplane flight is explored and alternative forms of energy. Be prepared to get challenged in logic thinking as well as having the fun of getting your hands dirty. Students will learn to use precision tools like torque wrenches, feeler gauges, dial calipers, plastic gauge and other special tools like soldering irons, sockets and ratchets and wheel pullers. Students are expected to function in a safety-conscious environment, exhibit respectful and responsible behavior, and be prepared to own the learning process for themselves

Special Note: Powertech Level 1 is only offered as a single level course.

## **AUTOMOTIVE TECHNOLOGY LEVEL 1 (MTAUT11)**

*Prerequisite:* None

Automotive service technicians are the most in demand trade today! Whether you just want to know how to work on your own car or might be interested in the industry, this course is for you. It is designed to give you all the automotive basics so that you will be a confident home mechanic. We cover oil changes, brakes, fluid flushes, tire changing, basic engine theory, car detailing and more. Half the course time is spent on theory usually consisting of lectures, worksheets, and quizzes, while the other half of the course is spent on practical hands-on labs and customer (or personal) car work. The serious mechanics students will find this prerequisite to Automotive Technology 12 invaluable.

**If this is your first time taking Automotive (regardless of what grade you're in) enroll in this course. This course is available to students in grades 10-12. It is recommended to take Powertech first, but not required. If you need grade 12 credit, please talk to Mr. Glendinning.**

## **AUTOMOTIVE TECHNOLOGY LEVEL 2 (MTAUT12)**

*Prerequisite:* Automotive Level 1



This course is designed to give students a more advanced knowledge base for the serious home mechanic/gearhead and is an excellent jumping off point for students interested in going into a related trade (ex: Automotive Service Technician, Motorcycle Mechanic, Heavy Duty Mechanic, Mechanical Engineering, Aircraft Maintenance Technician, Autobody Technician, Marine Service Technician, etc.). It covers more advanced subjects like advanced engine theory, electrical systems, suspension design, transaxles, exhaust fabrication and much more. Students are also encouraged to pursue personal projects in this course. **If this is your second time taking Automotive, enroll in this course (regardless of what grade you're in).**

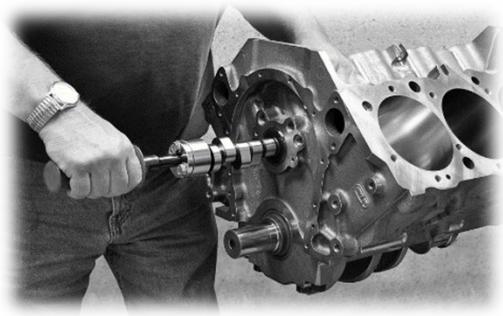
## **AUTOMOTIVE TECHNOLOGY LEVEL 3 (MTEAD12)**

*Prerequisite:* Automotive Level 2

This course is more engine and performance oriented. Advanced engine concepts like the effects of spark timing, camshaft specifications, compression, intake design, exhaust design, and more will be discussed. If you're more interested in the performance aspects of automotive, this course is for you!

**If this is your third time taking automotive, enroll in this course (regardless of what grade you're in).**

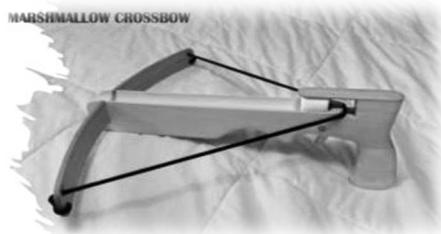
**If you are interested in getting your Automotive Service Technician Foundations (level 1) ticket in your grade 12 year, please refer to the "Youth Train In Trades" section of this booklet.**



## **WOODWORK 9 (MADW-09)**

*Open to all Grade 9 students*

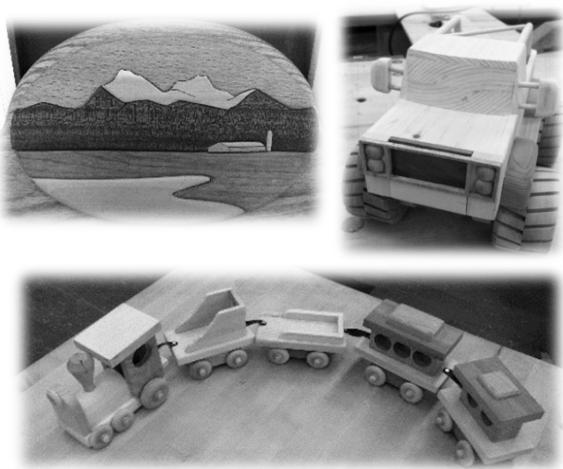
Woodwork 9 is open to all Grade 9 students. Woodwork 9 is open to all Grade 9 students that enjoy learning by making things with their hands. Many topics related to making things from wood will be covered, including: the proper and safe use of common hand tools, power tools, and machinery used in woodworking; accurate measuring techniques; various techniques used in joinery; identifying and selecting wood appropriate for the projects being made; building projects from a set of plans and instructions, and incorporating your own design ideas into existing plans. Students will gain and demonstrate their knowledge and skills by making a number of set projects but will have the opportunity to incorporate personal designs into their projects.



## WOODWORK LEVEL 1 (MWWK-10) – OPEN to ALL Grade 10, 11 and 12 Students

*Prerequisite:* None (but preferably Woodwork 9 at CSS)

Woodwork Level 1 is for students who enjoy a hands-on, project-oriented course. Many topics related to making things from wood will be covered, including: the proper and safe use of common hand tools, common power tools and machinery used in woodworking; accurate measuring techniques; various techniques used in joinery; identifying and selecting wood species appropriate for the projects being made; building projects from a set of plans and instructions; assembly and finishing techniques. Students will build a number of set projects to demonstrate their knowledge and skills but will also have the opportunity to incorporate personal designs into their projects. If you are in Grade 9 then please select Woodwork 9. If you are in Grade 10, 11 or 12 and this is your first-time taking Woodwork at CSS, then please select Woodwork Level 1.



## WOODWORK LEVEL 2 (MWWK-11)

*Prerequisite:* Woodwork Level 1



This course is for students who have an interest in woodworking and who have been successful in completing the Level 1 course in woodworking at CSS. The course will expand upon the skills previously learned and will challenge students to build projects with greater accuracy and complexity. Students who take Woodwork Level 2 will be comfortable and knowledgeable with the proper and safe use of a variety of tools and related woodworking equipment. Students will also have developed and will continue to demonstrate a team-approach for working in a woodworking shop including: a high regard for personal safety, taking care of shared tools/equipment/supplies and independently managing their time in the shop. Students will have the opportunity to select their own projects once required projects and course work have been completed. If this is your second time taking Woodwork at CSS, then select this course.

## WOODWORK LEVEL 3 (MWWK-12)

*Prerequisite:* Woodwork Level 2

This course is for students who have an interest in woodworking and who have been successful in completing the Level 1 and 2 courses in woodworking at



CSS. Students who take Woodwork 12 will be comfortable and knowledgeable with the proper and safe use of a variety of tools and related woodworking equipment and will have demonstrated their ability to work independently on project work. Students who take Woodwork Level 3 will have previously completed a major woodworking project (a small table or cabinet) and will be expected to build a large project requiring skill and accuracy to complete. If this is your third time taking Woodwork at CSS, then select this course.



## EXPLORE SKILLED TRADES PROGRAM

Level 1  
(Grade 10 credit)

### HOME D.I.Y. – EXPLORE TRADES LEVEL 1 (MSTX-01) OPEN TO GRADE 9

Open to: Grades 9 – 12\*

Prerequisite: None

**Home D.I.Y.** is intended to expose students to a variety of home improvement, repair, and maintenance projects. While construction trades, apprenticeships, and job opportunities will be discussed, this course will focus on basic home projects that non-tradespeople can tackle themselves. Whether or not students see a future career for themselves in the skilled construction Trades, this course will help them develop basic competence and confidence in home improvement, repair, and maintenance.

*(note: all grade 11/12 students 3will be scheduled into the same block)*

Level 2  
(Grade 11 credit)

### EXPLORE CONSTRUCTION TRADES

#### Trades Level 2 (YIA—1A)

Open to: Grades 11/12 without pre-requisite

Prerequisite: Grade 10 with Home D.I.Y.

**Explore Construction Trades (Level 2)** is intended to expose students to different trades and technologies in the Construction field, and to help them develop basic competence in applying the related content, skills, and technologies safely and appropriately. For those considering a career in Carpentry, Plumbing, Electrical or any other construction-related Trades, this course will help you decide if and which Trades are for you. Future renovators, architects, and engineers should also take this course.

Level 3  
(Grade 12 credit)

### EXPLORE TRADES LEVEL 3 - CARPENTRY (YIA-2A)

Open to Grades 11-12

Prerequisite: Explore Trades Level 2

For those that are serious about a future in any of the Construction Trades an understanding of how to frame a building is important. Those intending to be in construction-related jobs like Architecture or Building Inspection should also have this understanding and would find this course helpful. Students in this course will learn the basics through the construction of simple structures such as decks and sheds.

### EXPLORE TRADES LEVEL 3 – ELECTRICAL & PLUMBING (YIA-2B)

Open to Grades 11-12

Prerequisite: Explore Trades Level 2

Electrical & Plumbing is for students that are serious about a future as a renovator, construction electrician, or plumber or simply want to build knowledge and skills that will be helpful as a future homeowner.

# VISUAL AND PERFORMING ARTS

---

## FINE ARTS

To meet graduation program requirements, all students must complete a minimum of 4 credits in the fine arts and/or applied skills subject areas from grades 10 to 12.

### ART STUDIO 9 (MAE--09) – OPEN TO GRADE 9

*Prerequisite:* None

This exploratory course offers an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials by using a range of media, processes, techniques, and styles. Students will use creative and critical analysis processes to interpret art within a personal, contemporary, and historical context.

### ART STUDIO 10 (MVAST10)

*Prerequisite:* Art Studio 9

This exploratory course continues to provide a balanced program of study in both traditional and contemporary art forms, such as drawing, painting, photography, printmaking, design and ceramics. This course offers students an opportunity to develop skills and a creative voice through technical explorations and thematic projects. This course is a prerequisite for most senior level courses.

### ART STUDIO 11 (MVAST11)

*Prerequisite:* Art Studio 10

This studio course provides a balanced program of study in both traditional and contemporary art forms, such as drawing, painting, sculpture, printmaking, and design. Students will continue to explore the creative process to create personal pieces in a wide variety of media and processes. This class runs as a split class with Art Studio 12.

### ART STUDIO 12 (MVAST12)

*Prerequisite:* Art Studio 11

This course continues to explore a broad range of experiences in 2D and 3D visual arts. This course provides a balanced program of study in both traditional and contemporary art forms, such as drawing, painting, sculpture, printmaking and design. Students will work independently to develop unique and personal imagery. This class runs as a split class with Art Studio 11.

### STUDIO ART 2D - DRAWING & PAINTING 11 (MVAD-11)

*Prerequisite:* Studio Art 10 or Studio Art 1. Open to grade 11 and 12 only

This studio art course focuses on the study of drawing and painting materials, processes, and techniques. Students will explore image development strategies, elements & principles of design, and engage in the creative process. Personal and historical contexts will be explored as students develop their creative voice through thematic projects. This class runs as a split class with Drawing and Painting 12.

### STUDIO ART 2D - DRAWING & PAINTING 12 (MVAD-12)

*Prerequisite:* Drawing and Painting 11

This course provides advanced studies of drawing and painting for further personal development. Students are given the opportunity to develop personal themes for their work as well as to continue to study image development, context, elements and principles of design, and to develop skills in the materials, techniques, and new technologies of drawing and painting. This class runs as a split class with Drawing and Painting 11.

## **GRAPHIC ARTS 11 (MVAGA11)**

*Prerequisite:* Open to grades 11 and 12 **only**

This course focuses on a range of printmaking and graphic forms, materials, technologies, and processes. Students will explore the role of the artist and audience in a variety of contexts, and the influence of visual culture. The visual arts elements, principles of design, and image development strategies are used to develop personal images. Drawing skills not required.

**Facility:** Students may have the use of traditional printing technologies, as well as a computer lab with industry standard software for graphics, publication, and digital imaging. This class runs as a split class with Graphic Arts 12.

## **GRAPHIC ARTS 12 (MVAGA12)**

*Prerequisite:* Graphic Arts 11

This course focuses on advanced skill development and choice based on previous experiences with printmaking and graphic forms, materials, technologies, and processes. Students will continue to explore the visual arts elements, principles of design, and image development strategies. Students will create personally meaningful work, with the opportunity to focus on developing a portfolio for post-secondary entrance requirements. **Facility:** Students may have the use of traditional printing technologies, as well as a computer lab with industry standard software for graphics, publication, and digital imaging. This class runs as a split class with Graphic Arts 11

## **MEDIA ARTS 9 (MADMA09) – OPEN TO GRADE 9**

*Prerequisite:* None

This course will introduce students to the foundations of art using digital media technologies. Students will explore the elements and principles of art, image development strategies and rules of composition while learning various processes and programs. These include layout and design, graphics and images, Adobe software, digital photography and stop motion animation. The focus will be on creativity and expression, elements of storytelling, skill building and digital citizenship.

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

*Prerequisite:* None

This course will allow students to practice creative thinking while strengthening their skills in digital media technologies. Students will explore processes such as website building, graphics and images, Adobe software, digital photography, stop motion animation and video production. The focus will be on creativity and expression, elements of storytelling, problem solving and collaboration. This course will give students a solid foundation of technical and creative skills to use throughout their education.

## **MEDIA ART 11A (MVAMT11)**

*Prerequisite:* Media Art 10, other art experience an asset, open to grade 11 and 12 **only**

This course will allow students to explore the subject of media art while integrating a focus on social justice and climate change. Students will have the opportunity to explore digital photography, Photoshop, Illustrator and other media art programs while also exploring topics such as social justice, the environment, and art activism. Students may create infographics, digital images using existing images or draw and combine their own images. Find out how art can change the world!

## **MEDIA ART FOR ACTIVISM 12 (MVAMT12)**

*Prerequisite:* Other art or media art experience recommended, open to grade 11 and 12 **only**

Create original artworks about issues that are important to you using a variety of computer programs and techniques which may include word art, fonts and lettering, digital photography, info graphics, Photoshop and Illustrator. Use media art to create images that may impact the individual, the school, .....the world. Speak to social justice, environmental, local or global issues (climate change, inequality, peace keeping, human rights etc.) with your own artistic voice and use computers to create new works of art with significance and meaning. Learn how artists worldwide comment on the state of the world. Use media art to create and send messages of change and learn how you could put art activism into action.



### **3D COMPUTER GRAPHICS LEVEL 1 (MCINF11)**

*Prerequisite:* None

Enter the world of 3D animation! Using the Blender program, students will develop and create 3D models and animations. They will explore and develop various skills including 3D modelling workflows, developing 3D animations, special effects, 2D graphics, game engine logic, and a multitude of other graphics skills. Many projects are open ended, and students are encouraged to explore their own interests in the field. Come develop the skills that you will need if considering a job in the gaming, film, or special effects industries.



**Students grades 10-12 can sign up for this course. Choose this course if this is your first-time taking 3D Computer Graphics.**

### **3D COMPUTER GRAPHICS LEVEL 2 (MCINF12)**

*Prerequisite:* 3D Computer Graphics Level 1

This course is designed to further develop students' knowledge of the Blender program and 3D graphics. Students will fully explore the stages of animation, learn advanced modelling techniques, more advanced game engine logic, and advanced lighting and rendering methods. This course is designed to encourage students' creativity and ability to generate complex graphic designs and animations. Many projects are open ended, and students are encouraged to explore their own interests in the field. Come develop the skills that you will need if considering a job in the gaming, film or special effects industries.

**Select this course if this is our second time taking 3D Computer Graphics.**



### **PHOTOGRAPHY 11 (MVAP11)**

*Prerequisite:* Highly recommend completion of one of the following: Studio Art 10, Studio Art 11 or Media Art 10. Open to grade 11 and 12 only

Students will explore the visual arts elements, principles and image development strategies as they apply to photography. This course focuses on the use of manual control film cameras and the darkroom to make quality black and white photographs. Students will explore photography as a medium for self-expression and will study a range of photographers and genres. **Facility:** Students have the use of a complete darkroom and a computer lab. Cameras, tripods, and lenses are supplied, as are chemicals, film, and paper. Extra supplies used will require additional payment by students. This class runs as a split class with Photography 12.

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

*Prerequisite:* Photography 11 (Past achievement and behavior is also a consideration)

This course will extend beyond the content studied in Photography 11 with advanced skill development in darkroom photography, and some digital imaging options. Projects are based on research, creative strategies and advanced skills. This course is recommended for students pursuing careers in commercial photography and related areas such as graphics, film and art. This course demands that students be able to work independently and to develop unique and personal imagery. **Facility:** Students have the use of a complete darkroom and a computer lab. Cameras, tripods, and lenses are supplied, as are chemicals, film and paper. Extra supplies used will require additional payment by students. Students will have overnight equipment sign-out privileges. This class runs as a split class with Photography 11.

### **STUDIO ART 3D – CERAMICS 11 (MVAC-11)**

*Prerequisite:* Studio Art 10 or Studio Art 11. Open to grade 11 and 12 **only**

This is an introductory course in ceramics. Students may explore a range of sculpture materials, technologies and techniques that support creative processes. Students will learn about the visual arts elements, principles of design and image development strategies as used in the three-dimensional creative environment. Students will learn about the role of the visual artist and create personally meaningful work. Students wishing to make more, or bigger, projects than those assigned may purchase materials from the teacher, as can students wishing to glaze projects. This class runs as a split class with Sculpture 12.

### **STUDIO ART 3D – CERAMICS 12 (MVAC-12)**

*Prerequisite:* Sculpture 11

This course is a continuation of Ceramics & Sculpture 11, using advanced ceramic techniques for further development of three-dimensional visual art skills. Students will have the opportunity to select a focus and create bodies of work in relationship to each other, and work in series. This course is particularly useful to those students wishing to continue in the arts. Students wishing to make more, or bigger, projects than those assigned may purchase materials from the teacher, as can students wishing to glaze projects. This class runs as a split class with Sculpture 11.

### **YEARBOOK 10-12 (YCCT-0F/MGRPR11/(MGRPR12)**

*Application form and references required.*

In this course, students will learn the basics of photography, and photo editing. They will work collaboratively in order to meet strict deadlines, and may be required to document events during lunch, and outside of the bell schedule. Students should have basic computer skills and be able to navigate their email account. Prior Photoshop experience is an asset.

## **MUSIC**

---

### **MUSIC INSTRUMENTAL MUSIC: CONCERT BAND 9 (MMUCB09) – OPEN TO GRADE 9**

*Prerequisite:* Band 8

Concert Band 9 allows students to study and experience music through performance in a wind and percussion ensemble. This course is designed to provide grade 9 students the continued study of music started in the middle schools. Most students will have some expertise on their chosen instrument, but the course is also open to experienced players who wish to learn a new instrument as well as beginners from grades 10, 11, and 12. This course leads, in the following year, to participation in the CSS Senior Concert Band, our major performance wind ensemble. Students will develop skills related to their chosen instruments as well as ensemble and performance skills. The language and the theory of music will also be studied. Social skills, such as cooperation, responsibility, acceptance, and team spirit, are also inseparable components of this course. Junior Concert Band students will be expected to participate in all school concerts and performances. Practice records and playing tests in a variety of formats will be administered.

**INSTRUMENTAL MUSIC: CONCERT BAND 10/11/12 (MMUCB10/MIMCB11/MIMCB12)**

*Prerequisite:* Band 10 and or Band 11

Band 11 and Band 12 allow students to continue to study and experience music through performance in a wind and percussion ensemble. Students must have a good working knowledge of tone production and technique on their chosen instrument. Participation in the CSS Senior Concert Band, our major performance wind ensemble, is mandatory for students taking this course. Upon completion of Band 11 and Band 12 students are prepared to audition for a college or university music program. Students will develop skills related to their chosen instruments as well as ensemble and performance skills. The language and the theory of music will also be studied. Social skills, such as cooperation, responsibility, and team spirit, are also inseparable components of this course. Attendance at concerts is mandatory and playing tests in varying formats will be necessary. Participation in the Senior Concert Band is mandatory for all members of this course. All Concert Band students will be expected to perform in all school concerts and performances. Supplies and Equipment: Percussion instruments will be supplied; however, percussionists supply their own sticks. Some larger, more expensive instruments are available for rental from the School Board at very reasonable rates. Other instruments must be obtained by the student, either rented from music stores or purchased.

**CONTEMPORARY MUSIC 09/10/11/12 ROCK SCHOOL (MMU-09RS/MMUCM10/MMUCM11/MMUCM12) – OPEN TO GRADE 9**

*Prerequisite:* Students should have mastery of beginner level skills on instrument or voice. However, ALL Students are invited to join rock school for the first time in order to develop their musical skills

This course is designed to create a learning environment where students who are already able to play their instrument(s) will receive instruction in how to organize and rehearse contemporary music ensembles in the genres of their choosing including Rock, Metal, Pop, Punk, R&B, Rap & Hip Hop. Students should have enough ability to play through a simple song to a CD at tempo. \*However, beginners are encouraged to join in order to develop their music skills for the first time. Students will develop the ability to perform at an intermediate level and have the ability to have intermediate knowledge of equipment set up and maintenance. Opportunities to perform will be made available. Beginner students will have the opportunity to learn their instruments during the course and will not be required to perform at the final show if they are not yet performance ready. This class will meet on Wednesdays from 3:00 – 4:00.

**INSTRUMENTAL MUSIC WITH ELABORATIONS: INTRODUCTORY GUITAR 9 (MMU--09IG) – OPEN TO GRADE 9**

*Prerequisite:* None

This introductory course is designed and intended for students who have a desire to learn guitar but who have little or no experience. Within this course, students will learn proper tuning techniques, basic chording, basic tablature reading skills, and a wide variety of musical styles including pop, rock, folk, blues, and country. The school will provide a full class set of guitars for classroom use.

**INSTRUMENTAL MUSIC WITH ELABORATIONS: INTRODUCTORY GUITAR 11 (MIMG-11)**

*Prerequisite:* None

This introductory course is designed and intended for students who have a desire to learn guitar but who have little or no experience. Within this course, students will learn proper tuning techniques, proper style techniques, basic and intermediate chording (including bar chords), basic tablature reading skills, and a wide variety of musical styles including pop, rock, folk, blues, and country. The school will provide a full class set of guitars for classroom use. It is recommended that students purchase their own guitar for home practice; it may also be used in class instead of one provided by the school.

**INSTRUMENTAL MUSIC: R & B BAND (YVPA-0ERB/YVPA-1ERB/YVPA-2ERB) – OPEN TO GRADE 9**

In Rhythm and Blues Band, students will work together to perform music of the Rhythm and Blues idiom. This will include looking at styles like Motown, Soul, and original Rhythm and Blues. Students will learn how to sing, play horn, guitar, piano, and bass parts, and solo on their respective instruments in this style. Students will also perform throughout the school year at community and school events. This is an extended day class that meets after school.

**INSTRUMENTAL MUSIC WITH ELABORATIONS: ADVANCED GUITAR 12 (MIMG-12)**

*Prerequisite:* Successful completion of Introductory Guitar 11

Students who have not taken IMG 11 must arrange an audition with the instructor demonstrating adequate technique and proficiency before enrollment will be granted. This advanced guitar course is designed for the experienced guitar player (minimum IMG 11). Within the course students will learn guitar theory, more advanced chording, melodic playing, and more advanced study of pop, rock, blues and classical music. An emphasis will be placed on the classical style and ensemble playing. As with IMG 11, guitars will be available. Students must have their own guitars for home practice. Students may use their own guitars in class, storage will be provided.

**INSTRUMENTAL MUSIC: JUNIOR JAZZ BAND 9 (MMUJB09) – OPEN TO GRADE 9**

This course is designed to give students the experience of playing in a jazz band. Students should have facility on their instrument of choice. This will lead, in the following year, into participation in the Senior Jazz Band. Students will study jazz articulation, improvisation and jazz ensemble skills to prepare them for their further musical study (the hope would be for this course to be on timetable as well).

**INSTRUMENTAL MUSIC: JAZZ BAND 10/11/12 (MMUJB10/MIMJB11/MIMJB12)**

*Prerequisite:* Good mastery of your instrument as the music is challenging

Instruments required are saxophones (alto/tenor/bari), trumpets, trombones, piano, guitar, bass and drums. Students will learn and perform at assemblies, school concerts, community events, competitions, banquets, and festivals. Students will learn and develop improvisational skills and demonstrate these skills in performance. Students will develop and expand their listening skills and increase their discrimination of the various jazz periods and styles. Students will realize a great deal of personal and ensemble satisfaction through success in public performance. Attendance at rehearsals and performances is mandatory for both ensembles. Percussion equipment, bass amp and electric bass, guitar amp, piano and baritone sax are provided. Percussionists must supply their own sticks. 4 credits (FA)

**JAZZ IMPROVISATION 9/10/11/12 (MMUJI09/YVPA-0EJ/YVPA-1EJ/YVPA-2EJ) – OPEN TO GRADE 9**

*Prerequisite:* None. Students must be enrolled in Jazz Band

This class is offered outside of the school schedule. Students will learn improvisation techniques over standard songs. We will explore soloing techniques over different styles including Jazz, Blues, Rock, Latin, and others. This is a 2-credit course.

**COMPOSITION AND PRODUCTION: MUSIC COMPOSITION 11/12 (MMUCP11/MMUCP12)**

*Prerequisite:* None

In Music Composition and Production, students will learn how to use music to get their ideas across. They will learn how to write pop songs, change their favorite songs into a new musical genre, write music for movies and understand why the music they listen to is written the way that it is. Students will have their music performed and will be able to work with other musicians to collaborate to create musical ideas as well. This course is perfect for the creative person who wants to put their ideas forward in a new unique way.

**POPULAR MUSIC PERFORMANCE 10/11/12 (MMUCM10, MMUCM11, MMUCM12)**

*Prerequisite:* None

This course provides students with the opportunity to explore, develop, and perform music in genres and styles that they love from pop, rock, hip-hop, R&B, electronic, indie, grunge, or any contemporary style they love. Working individually and in small groups (bands, duos, solo, etc.) students will create performance-ready material and present it in a culminating performance for an audience (school, community, or otherwise). Over the semester, students will explore topics that enhance their musical skill such as songwriting, arranging, rehearsal, performance technique, music technology, and the real-world skills necessary for pursuing music beyond the classroom (e.g. collaboration, self-promotion, knowledge of the music business, healthy performance practices). The course emphasizes creative expression, technical and expressive growth, and musical literacy while honoring cultural awareness, personal voice, and community.

**SMALL ENSEMBLE PERFORMANCE 9/10/11/12 (MMU--09SE/YVPA-0E/YVPA-1E/YVPA-2E) – OPEN TO GRADE 9**

*Prerequisite:* This course allows students who have developed advanced instrumental and vocal skills, to practice stage presence in an enhanced schedule of performances

Students will have opportunity to participate in one ensemble that performs either Traditional (Dixieland) Jazz or Classic Rhythm and Blues (Soul). Ensemble skills will be emphasized so that students become proficient at listening to their part in relation to the entire ensemble. Students must be willing to contribute to the school and the community in ways that go beyond those of the average student. Individuals will be encouraged to become soloists on their own instruments. Students will be required to participate in a minimum of 25 performances throughout the school year. 4 credits (FA)

**CHORAL MUSIC: VOCAL JAZZ 9 (MMU--09VJ) – OPEN TO GRADE 9**

*Prerequisite:* None. No previous experience necessary

This is a full credit, extended day course. The Jazz Choir is an active performance ensemble. A piano accompanist, a bass player and a drummer are also required. Students will learn and perform vocal music in a variety of styles including pop, traditional, jazz, Latin, blues, and gospel. Students will also have the opportunity to solo and improvise vocally. 4 credits (FA)

**CHORAL MUSIC: VOCAL JAZZ 10 (MMUVJ10)**

*Prerequisite:* None

No previous experience necessary. This is a full credit, extended day course. The Jazz Choir is an active performance ensemble. A piano accompanist, a bass player and a drummer are also required. Students will learn and perform vocal music in a variety of styles including pop, traditional, jazz, Latin, blues, and gospel. Students will also have the opportunity to solo and improvise vocally. 4 credits (FA)

**CHORAL MUSIC: VOCAL JAZZ 11/12 (MCMJV11/MCMJV12)**

*Prerequisite:* Audition and interview (September). No previous experience necessary. This is a full credit, extended day course

The Jazz Choir is an active performance ensemble. A piano accompanist, a bass player and a drummer are also required. Students will learn and perform vocal music in a variety of styles including pop, traditional, jazz, Latin, blues, and gospel. Students will also have the opportunity to solo and improvise vocally. 4 credits (FA)

**CONCERT CHOIR 9 - 12: (MMUCC9/MMUCC10/MCMCC11/MCMCC12) – OPEN TO GRADE 9**

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

## THEATRE

---

### INTRODUCTION TO DRAMA 9 (MDR—09) – OPEN TO GRADE 9

*Prerequisite:* None

Drama 9 is an exciting introduction all the aspects of performing and producing plays in a REAL theatre. From rehearsal to production, students get to learn both performance and technical skills. They develop acting skills through scene work, improvisation, and character building, while also getting to learn stagecraft, costume, lighting, and sound design. Students collaborate on writing original scenes and create live productions, blending acting with technology to bring their creative vision to life. The course connects classroom learning to real-world theatre experiences, encouraging teamwork, problem-solving, and collaboration. Students will be asked to present their work in front of a school-based audience. Regular attendance, participation in class activities, and performance in front of an audience are mandatory aspects of the course.

### DRAMA10 (MDRM-10)

*Prerequisite:* Drama 9

Drama 10 introduces students to a wider range of theatrical skills while building on the foundations from Drama 9. Students will develop stronger acting techniques and begin exploring character, emotion, and basic storytelling in more depth. Emphasis is placed on ensemble work, foundational performance styles, and both scripted and original scenes. Students will also have opportunities to take part in the production process, including introductory technical work such as lighting, sound, and stage management. Expect to challenge yourself, collaborate with others, and gain confidence performing for diverse audiences. Commitment, curiosity, and teamwork are essential to success in Drama 10.

### DRAMA 11—ADVANCED THEATRE PERFORMANCE & PRODUCTION (MDRM-11)

*Prerequisite:* Drama 10

Drama 11 builds on the growth students achieved in Drama 10, moving into more advanced and demanding work in both performance and production. Students deepen their understanding of character development, emotional range, and storytelling by working with more complex scripts and performance styles. Greater expectations are placed on preparation, consistency, and ensemble responsibility. Students will take on more substantial technical roles—including sound design, lighting, and stage management—and will contribute meaningfully to the creative and production processes. Opportunities to participate in school productions continue, with an emphasis on discipline, collaboration, and artistic growth.

### DRAMA 12 – ADVANCED THEATRE PERFORMANCE & PRODUCTION (MDRM-12)

*Prerequisite:* Drama 11

Drama 12 challenges students to bring their performance and production skills to a pre-professional level. Students engage with sophisticated scene work, advanced acting techniques, and in-depth script and character analysis. Leadership becomes a core component of the course: students may take on roles such as directing, stage managing, mentoring younger actors, or contributing to design teams. The focus is on producing polished, thoughtful work while taking creative risks and demonstrating maturity, initiative, and professionalism throughout the rehearsal and production process. Drama 12 is ideal for students who want to push themselves artistically and assume responsibility for a major collaborative project. This course is ideal for Drama students interested moving on to post-secondary Theatre programs.

**DIRECTING AND SCRIPT DEVELOPMENT 11/12 (MDRDS11/MDRDS12)**

*Prerequisite:* Drama 10 or teacher approval

This course is designed for students who want to take on leadership roles in theatre and develop a strong understanding of the directing and production process. Students learn how to interpret and develop scripts for performance, guide actors, plan rehearsals, and collaborate with design and technical teams. Script development—through analysis, adaptation, and shaping material for the stage—is a key component of the course, while original scriptwriting remains an optional opportunity for interested students. The focus is on creative decision-making, communication, and taking responsibility for leading a production from concept to final performance. This course is ideal for Drama students interested in leadership-focused careers or those considering moving on to post-secondary Theatre programs.

**THEATRE COMPANY 10/11/12 (MDRTC10/MDRTC11/MDRTC12)**

*Prerequisite:* Drama 9 or teacher approval

Theatre Company 10-12 is an advanced, hands-on course designed for students who are passionate about creating, producing, and performing in a collaborative theatre environment. In this course, students will work together as a professional theatre company, producing live shows while exploring various roles such as acting, directing, stage management, set design, and technical production. The course emphasizes personal growth and self-expression, as students engage in character development, explore diverse dramatic genres, and experiment with different production styles. Active participation in the theatre company helps students build collaboration, problem-solving, and leadership skills that are transferable to both personal and professional contexts. By the end of the course, students will have a portfolio of creative work, along with an understanding of the responsibilities, ethics, and processes involved in producing professional-quality theatre. Expect to challenge yourself in front of paying audiences in high quality theatre. This course is ideal for Drama students interested moving on to post-secondary Theatre programs. *Commitment to rehearsal time, strong leadership risk-taking, and collaboration skills are essential for success in Theatre Company.*

**THEATRE PRODUCTION 10/11/12 (MDRD10/MDRTP11/MDRTP12)**

*Prerequisite:* Drama 9/10 or teacher approval

Theatre Production 10-12 focuses on the essential elements of production design, technical theatre, and theatre management, giving students a hands-on experience in specialized production roles such as set design, lighting, sound, costume design, scene painting, and stage management. Students will explore the process of planning, designing, and executing a professional-quality theatre production. Through collaboration, students will develop the skills to solve production challenges, refine their artistic vision, and enhance the audience's experience. The course fosters leadership and social responsibility, encouraging students to apply safe practices in all aspects of production. This course is ideal for Drama students interested moving on to post-secondary Theatre programs or those interesting working in the technical theatre industry. *Commitment to rehearsal time, strong leadership risk-taking, and collaboration skills are essential for success in Theatre Production.*

**TEXTILES 10-12 (Costume Design) (MTXT-10, MTXT-11, MTXT-12)**

*Prerequisite:* None

Textiles 10–12: Costume Design teaches all core skills of the BC Textiles curriculum—sewing, pattern drafting, fabric selection, and garment construction—through a focus on theatrical costume design. Students learn how clothing supports character, story, and performance while creating original designs and building costume pieces for class projects and, when possible, school productions. Expect increasing independence and design complexity from Grades 10 through 12. This course is ideal for students interested in fashion, theatre, cosplay, or creative design. No prior sewing experience required.

## **FILM & TELEVISION 10 (YCCT-0C)**

*Prerequisite: None*

Film & Television 10 introduces students to the fundamentals of on-camera performance and video production. In this multi-grade, project-based class, students learn basic skills in pre-production, camera operation, animation, graphic design, sound, and editing while exploring a variety of film and television genres. Grade 10 students focus on building core competencies and contributing reliably to group productions. Regular attendance and hands-on practice are essential, and students should expect some out-of-class time to complete filming tasks.

## **FILM & TELEVISION 11 (MDFT-11)**

*Prerequisite: None (Film & Television 10 recommended)*

Film & Television 11 deepens the skills developed in earlier levels, with students taking on more responsibility within the multi-grade classroom. Grade 11 students work toward greater independence in planning and executing projects, including more complex shooting, editing, and multi-camera work. They are expected to demonstrate growing technical proficiency and contribute leadership within group productions. Consistent attendance and out-of-class time for filming remain essential for success.

## **FILM & TELEVISION 12 (MDFT-12)**

*Prerequisite: Film & Television 11*

Film & Television 12 represents the most advanced level of the multi-grade class, where students refine high-level production, editing, and project-management skills. Grade 12 students are expected to take initiative, mentor younger classmates when appropriate, and produce polished, sophisticated work that demonstrates strong technical and creative ability. Reliability, leadership, and consistent attendance are crucial, and students should be prepared for additional out-of-class time to complete advanced projects.

## UFV Regional Career Programming (RCP)

---

The school district also partners with UFV to offer additional Dual Credit Career Programs. These programs are offered during a student's entire Grade 12 year. Students must meet all their graduation requirements prior to enrolling in an RCP program. RCP is a competitive application process open to all Grade 11 school district students. Limited seats are available.

- Architectural Drafting
- Auto Collision Repair & Refinish
- Auto Service Technician
- Carpentry
- Construction Electrician
- Electronics Technician –Common Core
- Heavy Mechanical Foundation
- Joinery
- Plumbing & Piping
- Professional Cook

**Fees:** Tuition costs are covered by the school district. Ancillary fees, books, clothing & PPE range from \$1000–2400, depending on the length of the program and are the responsibility of the student.

Applications and more information can be found on the Career Programs Website:

<https://learningservices.sd33.bc.ca/sd33-youth-train-programs>

Contact: Heather Elliott –District Coordinator of Career Transitions

[Heather\\_Elliott@sd33.bc.ca](mailto:Heather_Elliott@sd33.bc.ca) 604-798-0347

## WORK EXPERIENCE

---

Elective Work Experience courses (WEX12A and WEX12B) are available to students in grades 11 and 12. Students interested in taking this course are required to complete a career programs application package. WEX12 courses are "off-timetable", which means that students must be able to "make time" to complete the course requirements, often outside of school hours.

WEX12A and WEX12B each require students to complete 100 hours of community-based and or Paid Work Experience placements, as well as several written forms and assignments. Students that complete a WEX12 course can earn up to 8 credits towards graduation.

Completion of WEX12A is a pre-requisite to enroll in WEX12B.

More information can be found on the Career Programs Website:

<https://learningservices.sd33.bc.ca/wex12a-and-wex12b>

\*Contact your school WEX Facilitator or School counsellor for more information. \*

## **YOUTH TRAIN IN TRADES**

---

The Youth Train in Trades program allows secondary school students to take technical training that gives them Dual Credit (up to 32 credits) for high school courses and trades training programs. This is an innovative partnership between the University of the Fraser Valley and School District No. 33.

At Chilliwack Secondary, students can apply to pursue an apprenticeship career path to obtain technical training in:

- Hairdressing, Level 1 Foundations
- Welding, Foundations

The eligibility criteria include:

- Completed career programs application form (hairdressing).
- Specific trades course pre-requisites (program specific).
- To be eligible to move to the UFV portion students must have completed their English 12 and Math 11 courses prior to Semester 2 of the Grade 12 year.

Hairdressing –Chilliwack Secondary

Welding Foundation – Chilliwack Secondary and Sardis Secondary

**Fees:** Tuition costs are covered by the school district. Ancillary fees, books, clothing & PPE range from \$300 – \$2400, depending on the program and are the responsibility of the student.

**\*\* Please Note:** Out of catchment students in these programs will be limited to spaces available. **\*\* Contact your school Counsellor for more information.**

### **HAIRDRESSING PROGRAM (TRITA2)**

This is a ten-month program at Chilliwack Secondary School. The program follows ITA standards taught throughout BC. Students will complete their Hairstylist Level 1 Foundations Program at CSS including 990 hours of technical training and 300 work-based training hours. A minimum of 70% is needed in order to be eligible to write the ITA Standardized written exam. After high school, they can enroll in a Hairstylist Level 2 program at a credited institution which consists of 150 hours. Once they achieve 3600 hours total, they will be recommended for the Interprovincial Red Seal Practical Exam.

There will be a nominal fee required before beginning the program. This fee provides the students with their professional kit of industry standard equipment. Successful applicants to this program must demonstrate the following:

- Be nineteen years of age or under at start of the program, not graduated from high school and under the age of 20 upon program completion.
- Successful completion of all mandatory grade 10 and 11 courses.
- Strong attendance record.
- Commitment to completing a rigorous program that will require time outside of the school day.
- Completed application form.



## **WELDING FOUNDATIONS CERTIFICATE PROGRAM (MWELD2)**

Prerequisite: Intro Metal

In partnership with UFV Trades & Technology, Chilliwack Secondary School is offering the British Columbia Welding Foundations ticket.

The program is open to all students starting in Grade 10, but only those who complete all of the required competencies will be guaranteed seats into UFV in the student's final semester of grade 12.

Students will need 4 periods of Train in Trades Welding at C.S.S to complete the first 16 credits of this program.

The students will work as a cohort while at CSS and then in their second semester of their grade 12 year both the Chilliwack and Sardis Secondary Cohorts will come together to complete their Foundations Welding program at the University of the Fraser Valley.

Students will attend UFV full time in their second semester of grade 12 to earn the last 16 credits of this 32-credit program.

Students successfully completing this program will be eligible to receive the British Columbia Welding Foundations certification.

**Students who wish to enter this program should contact Mr. Purych for an interview.**



## **YOUTH WORK IN TRADES PROGRAM**

---

Get on the job training as a youth apprentice.  
Is this the program for you? Do you have a job?

Any student currently employed with a qualified trades person is eligible for the **Youth Work in Trades** program. Students can earn up to 16 credits towards graduation if they are enrolled in the **Youth Work in Trades** program.

The eligibility criteria Include:

- Must be 14 years of age or older.
- Working in a paid position.
- Working under the guidance of a qualified Tradesperson.
- Enrolled in an SD#33 Secondary School.
- Completion of the Career programs application package.

With the completion of 900 hours worked and a C+ average in all Grade 12 courses, students may also qualify for a \$1000 award.

Application Forms are available online at:

<https://learningservices.sd33.bc.ca/forms-resources>

Contact: Heather Elliott –District Coordinator of Career Transitions

Heather\_Elliott@sd33.bc.ca or 604-798-0347

Check out the list of eligible trades at:

<https://www.itabc.ca/discover-apprenticeship-programs/search-programs>

# SD33 One Campus Overview

*The Chilliwack School District strives to provide equitable and accessible education for all students. To support this, we have created “One Campus”, a new choice option for our district. One Campus is the sharing of unique, secondary programming across the district.*

## What is One Campus?

With coordinated timetables across the district, One Campus provides students the opportunity to cross-enroll (move between) existing secondary campuses to pursue the programming that most engages them, or best prepares them for opportunities beyond graduation.

## How does One Campus Work?

A daily shuttle between CSS/IAT/KSS/SSS/GWG will be offered at the lunch hour. Students enrolled in a course or program at another school will attend that other school for half the day (every day for semester courses, every second day for linear courses). If a course or program is one block in duration, students will take other courses (unique or standard) to fill the rest of their time at that site before transferring. As is standard with choice programs, students beginning or ending their day at their non-homeschool will be responsible for their own transportation. Courtesy bussing may be available in some situations.

NOTE: Opportunities are available as space permits.

## Sample Timetable

<b>Student Name:</b> Suzie Student <b>Homeroom:</b> Ms. Teacher	<b>Student ID:</b> 12345 <b>Home Campus:</b> CSS	<b>YOG 2023</b>			
Course Code	Description	Campus/Room	Time	Teacher	Credits
XYZ-123	Architecture	SSS/205	8:30am – 10:00am	Mr. Crafty	4.0
123-XYZ	Mathematics	SSS/110	10:05am – 11:35am	Ms. Math	4.0
<b>Lunch</b>					
ABC-123	Intro Guitar	CSS/Band Room	12:30pm – 1:45pm	Mr. Music	4.0
123-ABC	Literature Studies	CSS/302	1:50pm – 3:00pm	Ms. Bronte	4.0





# Work Experience

The SD33 Work Experience program has been in operation for over 30 years and facilitates over 1000 community-based placements for students each year. We are committed to providing practical learning opportunities for our secondary school students. Work Experience is intended to prepare students for the transition from high school to the world of work or future training and education. Work Experience allows students to connect what they learn in the classroom with the skills and knowledge needed in the workplace and society.

Students will use Work Experience to explore careers, to earn credits toward graduation, and to apply for community bursaries and scholarships. Work Experience also helps young people build a strong network of community contacts and references.

Each secondary school in the Chilliwack School District has a dedicated Work Experience Facilitator on staff to connect directly with students who want to explore Work Experience opportunities in the community.

---

## **Elective Work Experience Courses (WEX12A & WEX12B)**

- Available to grade 11 and 12 students
- Requires an application
- Off-timetable
- 100 hours of community-based placements
- Written assignments
- Students may utilize paid work hours for credit

\* Students in Grades 10-12 do **NOT** need to be registered in a WEX12 course to receive a community-based Work Experience placement. Simply complete a *Work Experience Placement Request* form and submit to your school's Work Experience Facilitator.





# Career-Life Transitions Program

The Career-Life Transitions Program provides training and guidance for our students with diverse abilities, while they develop valuable career and life skills that will contribute directly to their transition pathway from Secondary School education to the Adult working world in their communities.

## Goals & Learning Outcomes

- Development of skills related to personal living and employability
- Career awareness and exploration
- Self-exploration and assessment
- Job readiness/understanding of the workplace
- Supported work experience
- Assist students to transition from secondary school to work, college and/or other adult life options
- Connection to Community partners
- Encourage a well-balanced lifestyle
- Portfolio Showcase through My Blueprint (transition to adult hood)

## Program Structure

1. In-School Instruction
  - Job readiness skill development
  - Choice electives
2. Community volunteer / customized employment placement
3. Connections to post-graduation opportunities & supports

## Career-Life Program

### Contact:

#### **Mr. Joey Balzer**

Work Experience Facilitator

**Cell:** 604.819.7607

**Email:** [joey\\_balzer@sd33.bc.ca](mailto:joey_balzer@sd33.bc.ca)





# Trades Sampler

The Trades Sampler program allows senior secondary students to dive deep into a variety of trades as they find their preferred career path. Thanks to this partnership between the Ministry of Education and Skilled Trades BC, students gain hands-on experience before they enroll in a high school apprenticeship program like *Youth TRAIN in Trades* or *Youth WORK in Trades*.

In partnership with University of the Fraser Valley, students receive workplace skills training around tools & equipment, workplace safety and job readiness skills, and receive a number of industry certifications. Students complete technical modules, covering four or more specific trades, including contact with at least one employer in each trade.

Students may also have the option to complete an embedded Work Experience course, where they will receive up to 100 hours of community-based Work Experience placements in a trade of their choice.

---

#### ALL Trades Sampler students should...

- Be able to handle the rigours of a university-level program
  - Have access to reliable transportation to U.F.V.
  - Have a keen interest in the skilled trades
  - Be considering a career in skilled trades
  - Have a good attendance record
- 



Trades Sampler programs are currently offered at:

- **G.W. Graham Secondary School** and
  - **Kw'íyeqel Secondary School**
- 

Contact your Counsellor or Dual Credit & Apprenticeship Facilitator for more information.





# Youth WORK in Trades

Over the last thirty years, the SD33 Trades Program has registered over two-thousand apprentices with Skilled Trades BC. There are nearly one-hundred different trades to choose from such as Carpenter to Electrician, from Cook to Welder, and many more!

---

## **Elective Youth WORK in Trades Courses** (YWIT 11A, 11B, 12A, 12B)

- Available to grade 9, 10, 11 and 12 students (14 yrs. old)
- Must be currently enrolled in Secondary School
- Must be working with a qualified tradesperson
- Must be employed in a Skilled Trades BC Apprenticeable trade
- Earn up to 16 graduation credits
- Requires an application
- Off-timetable

**Get on-the-job training as a  
Youth Apprentice!**

**Contact your Dual Credit and  
Apprenticeship Facilitator to  
start an application!**





# Chilliwack School District

## CAREER EDUCATION

# Youth TRAIN in Trades

The *Youth TRAIN in Trades* Program allows high school students to take pre-apprenticeship (technical) training that provides them with dual-credit (up to 32 credits) for high school courses and apprenticeship or industry training programs.

This is an innovative partnership between University of the Fraser Valley (UFV), Vancouver Community College (VCC), and the Chilliwack School District. Grade 11 students can apply to pursue an apprenticeship career path to obtain the first level of technical training in a particular trade in their grade 11/12 year.

*Youth TRAIN in Trades* programs are tuition sponsored by the school district, however students are required to pay ancillary fees and materials. Application process is competitive and space is limited.

**Who Attends:** Students in their grade-12 year

**Contact:** Dual Credit & Apprenticeship Facilitator

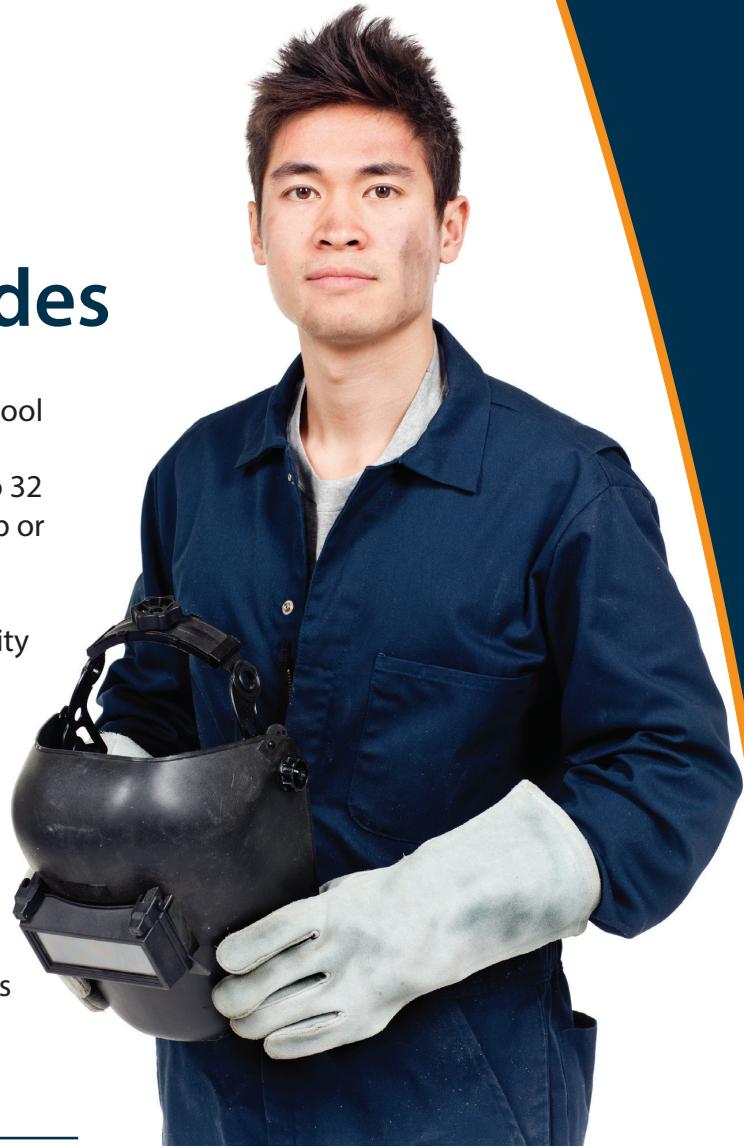
**Dates:** Grade 11/12 year (program dependent)

**Location:** UFV Trades and Tech, CSS, SSS, IHSS  
(depending on selected program)

**Fees:** Ancillary fees, books, clothes and tools range from \$1,800 - \$2,400 (depending on selected program)

### PROGRAMS OFFERED AT SD33 SCHOOL SITES:

- **Welding** at Sardis Secondary & Chilliwack Secondary, in partnership with University of the Fraser Valley
- **Hairstylist** at Chilliwack Secondary, in partnership with Vancouver Community College
- **Professional Cook** Level 1 at Imagine High, in partnership with Vancouver Community College



SKILLED TRADES BC  
**YOUTH**

UNIVERSITY  
OF THE FRASER VALLEY

VCC



# Regional Career Programs

Regional Career Program training is offered to academically capable secondary school students with an interest in the Trades and Technology sector. The training is designed for high school students who have met their graduation requirements for grade 11 and 12 in an accelerated manner to enroll in full time studies at University of the Fraser Valley in their Grade 12 year.

Students are required to meet University of the Fraser Valley's entrance requirements for the program, including any necessary entrance exams. UFV courses may qualify for DUAL CREDIT, giving students additional credits towards the high school completion certificate.

Regional Career Programs are tuition sponsored by the school district, however students are required to pay ancillary fees and materials. The application process is competitive and space is limited.

---

## REGIONAL CAREER PROGRAMS OFFERED AT UFV

- Architectural Drafting Technician Certificate
- Automotive Collision Repair and Refinishing Foundation
- Automotive Service Technician Foundation
- Carpentry Foundation
- Construction Electrician Foundation
- Electronics Technician Certificate
- Heavy Mechanical Foundation
- Professional Cook Foundation - Level 1 and 2
- Plumbing and Piping Foundation
- Welding Foundation





# Early Childhood Education Dual-Credit

ECE training is offered to Grade-12 students with an interest in Early Childhood Education. Early Childhood Assistants and Early Childhood Educators can find work in daycares, preschools, nursery schools, special needs centres, public schools, and infant or toddler centres.

Students must be enrolled and completing English 12, and have completed English 11, Math 11, English 10 and Math 10 with C+ average to enroll in part-time studies at the *University of the Fraser Valley* in their Grade 12 year. Students must have the intention to graduate with a Dogwood diploma (B.C. Graduation Certificate).

Tuition fees are covered by the School District. Ancillary fees, books and materials are the student's responsibility. Application process is competitive and space is limited.

---

#### **Fall Courses at U.F.V.**

ECE 100 - Human Development 1  
ECE 103 - Introduction to Observing and Recording Behaviour of Young Children

---

#### **Winter Courses at U.F.V.**

ECE 101 - Introduction to Early Childhood Education  
CMNS 125 - Communicating Professionally to Academic & Workplace Audiences

---



# Early Childhood Education Pathway for Dual Credit



## Dual Credit Entrance Requirements

- School District Application Form
- Letter of Intent
- Complete English 11 and Math 11 - with C+ or better
- Enrolled in English 12 - Must achieve C+ or better



## Fall Courses at UFV

- ECE 100 - Human Development 1
- ECE 103 - Introduction to Observing and Recording Behaviour of Young Children



## Winter Courses at UFV

- ECE 101 - Introduction to Early Childhood Education
- CMNS 125 - Communicating Professionally to Academic & Workplace Audiences



## Pathway Summary

- 12 of the 43 credits for the full ECE Certificate pathway
- Meets the requirement for the Early Childhood Education Assistant (ECAC) certificate



## Completing the ECEA Pathway

Students are eligible to apply for an *Early Childhood Education Assistant* certificate through the BC Government Early Childhood Educator Registry, after completing the Fall Semester Courses.



## Laddering your Dual Credit into the ECE Program

Once your Dual Credit courses are complete, you can apply to continue your studies at the University of the Fraser Valley to complete your full Early Childhood Education Certificate.



# **Inclusive Education Assistant Dual-Credit**

Inclusive Education Assistant training is offered to Grade-12 students with an interest in working with school-aged children and youth. IEA's can support students with diverse abilities in elementary, middle, and high schools in a variety of settings, including regular classrooms, learning support rooms, work experience sites, or in life-training settings.

Students must be enrolled and completing English 12, and have completed English 11, Math 11, English 10 and Math 10 with C+ average to enroll in part-time studies at *University of the Fraser Valley* in their Grade 12 year. Students must have the intention to graduate with a Dogwood diploma (B.C. Graduation Certificate).

Students will complete courses toward the Inclusive Education Assistant certificate. Tuition fees are sponsored by the School District. Ancillary fees, books and materials are the student's responsibility. Application process is competitive and space is limited.

---

#### **Fall Courses at U.F.V.**

EDAS 190 - Overview of Inclusive Schooling  
EDAS 192 -Strategies to Support Students in Schools

---

#### **Winter Courses at U.F.V.**

HSER 120 - Interpersonal Communications for Human Services  
EDAS 194 - Role of the EA in Inclusive Schools

---





# **Health Sciences**

## **Dual-Credit**

Health Sciences training is offered to Grade 12 students with an interest in working in the Health Sciences field. (Ex: Nursing, or Health Care Assistant.)

Students must be enrolled and completing Biology 12 in their first semester of Grade 12 and have completed Chemistry 11 with a 'B' or better.

As a student, you will earn both School based course credits and University level credits.

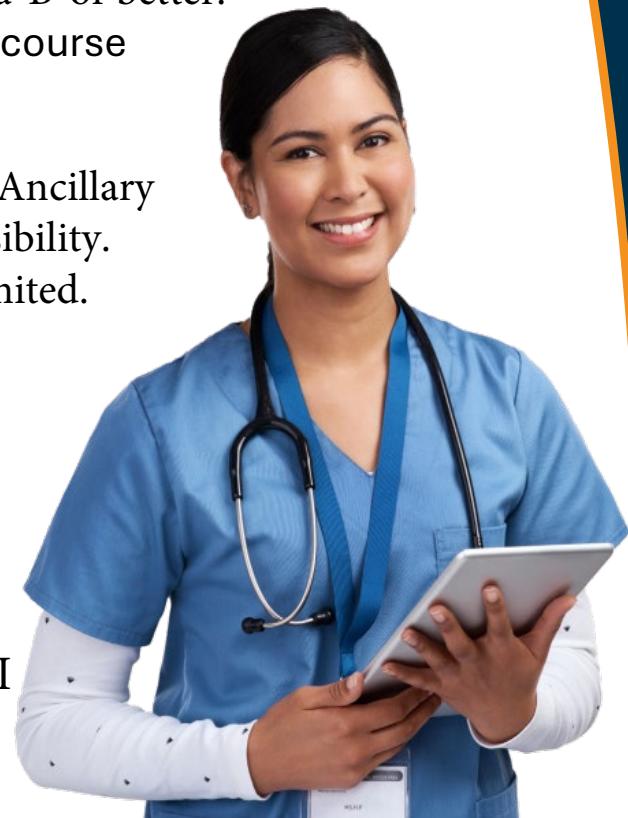
Tuition fees are sponsored by the School District. Ancillary fees, books and materials are the student's responsibility. Application process is competitive and space is limited.

### **Fall Courses at U.F.V.**

HSC 111 - Human Anatomy & Physiology I  
(2 classes per week)

### **Winter Courses at U.F.V.**

HSC 113 - Human Anatomy & Physiology II  
(2 classes per week)



Contact your Counsellor or Dual Credit Apprenticeship Facilitator for more information.



#### **Program Delivery:**

In person course delivery at the Chilliwack U.F.V. campus. Dates are subject to change.



# Emergency Medical Responder

## Dual-Credit

The Emergency Medical Responder (EMR) program is offered to students in grade 12 who are interested in entering the emergency medical services or healthcare fields. This program has been designed by the Justice Institute of BC (JIBC) and Columbia College and will be delivered by a specially-trained high school teacher.

The EMR Program will cover such topics as:

- Fundamentals of Emergency Medicine
- Assessments and Diagnostics
- Medical Conditions and Emergencies
- Traumatic Emergencies and Soft Tissue Injuries
- Diverse Populations and EMS Operations

It is recommended that students have completed minimum English 10, Life Sciences 11 and completing Anatomy & Physiology 12. Students must have the intention to graduate with a Dogwood diploma (B.C. Graduation Certificate). This program is rigorous, and student success requires full attendance in class and successful completion of all mandatory exams.

EMR graduates may gain employment with BC Ambulance Services, private ambulance services, fire departments, law enforcement, ski patrol and rescue, or remote industrial workplaces. Graduates may also choose to use their training toward further studies in the healthcare field.

