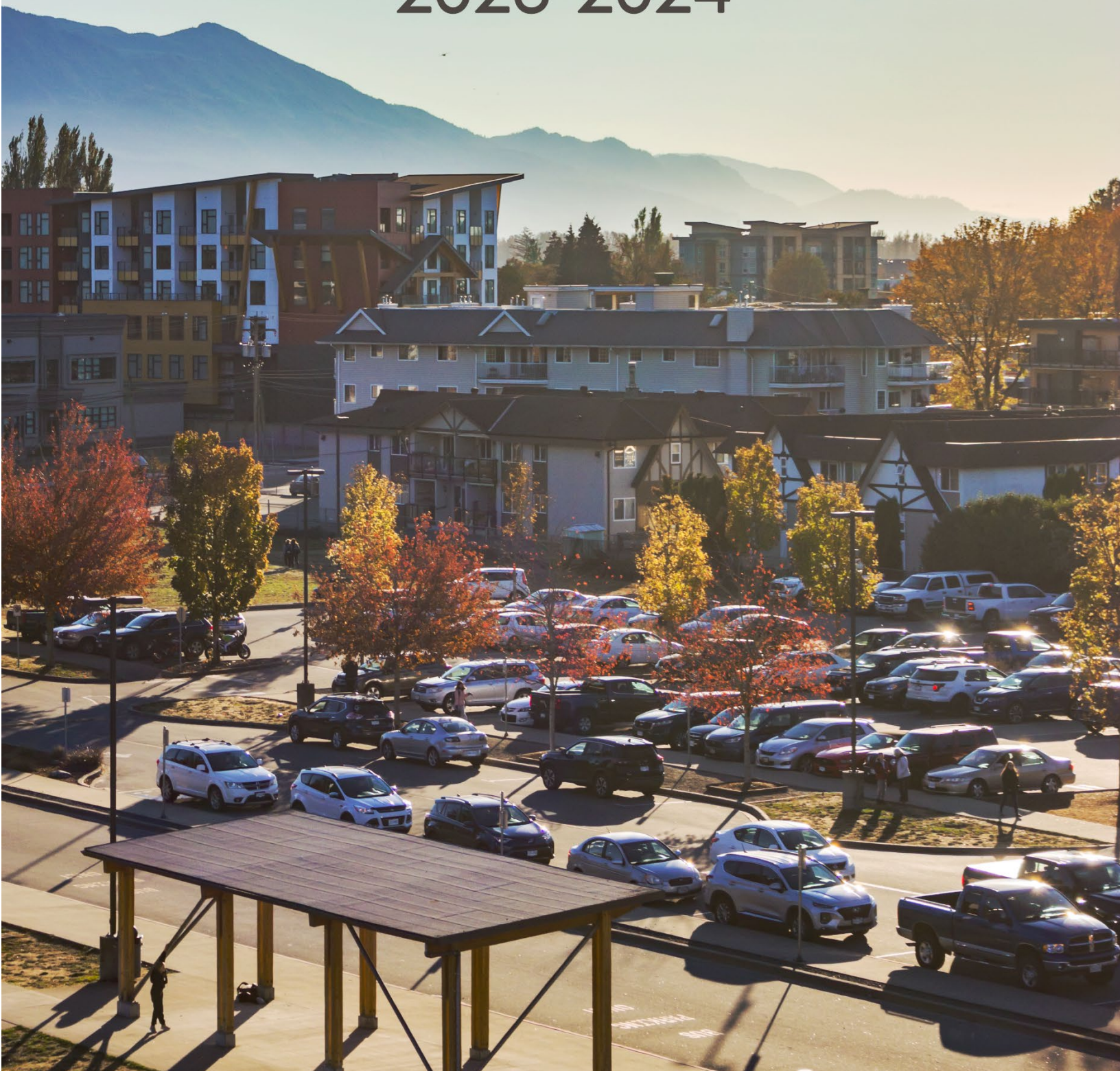




Course Selection Calendar 2023-2024



COURSE SELECTION CALENDAR 2023-2024



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**

Louis Abraham, **Vice Principal**

Devin Atkins, **Vice Principal**

Grant Kushniryk, **Vice Principal**

Parent Advisory Council Message

Parents, we cannot stress enough the importance of you being involved and giving guidance, to your children, during the course selection process.

Please feel free to visit the CSS Career Counselling room with your student, periodically throughout the year, as their life directions usually change. The next few years are exciting and important times for our children. Supporting them, by being involved and staying informed, is important for them.

~ Cherie-Lynn Wagar, Chairperson

COUNSELLING SERVICES

Last Name A to E:	Ms. S. Linau	stephanie_linau@sd33.bc.ca
Last Name F to L:	Mr. C. Olafson	chris_olafson@sd33.bc.ca
Last Name M to SH:	Mrs. S. Lee	sarah_lee@sd33.bc.ca
Last Name SI to Z:	Ms. J. Cornell	jodie_cornell@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
<p><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)</p> <p><input type="checkbox"/> Social Studies 10</p> <p><input type="checkbox"/> Science 10</p> <p><input type="checkbox"/> A Math 10 (Foundations of Mathematics and Pre-Calculus 10 or Workplace Math 10)</p> <p><input type="checkbox"/> Physical and Health Education 10</p> <p><input type="checkbox"/> Career Life Education</p> <p><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)</p> <p><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, Contemporary Indigenous Studies 12 *These courses meet the Indigenous grad requirement)</p> <p><input type="checkbox"/> A Science 11 and/or 12 (Anatomy and Physiology 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)</p> <p><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)</p> <p><input type="checkbox"/> Career Life Connections 2 credits in grade 10 & 2 credits Capstone</p> <p><input type="checkbox"/> English Studies 12 and/or English First Peoples 12 *This course meets the Indigenous grad requirement</p> <p><input type="checkbox"/> Indigenous Course Requirement English First Peoples Literary Studies & Writing 10, English First Peoples Literature Studies & Writing 11, BC First People 12, Contemporary Indigenous Studies 12, English First Peoples 12, Intro Halq'emeylem 11</p> <p>Electives _____</p> <p><input type="checkbox"/> _____ 12</p> <p><input type="checkbox"/> _____ 12</p> <p><input type="checkbox"/> _____ 12</p> <p><input type="checkbox"/> Art or Applied Skill _____ 10 / 11 / 12</p> <p><input type="checkbox"/> _____ 10 / 11 / 12</p> <p><input type="checkbox"/> _____ 10 / 11 / 12</p> <p><input type="checkbox"/> _____ 10 / 11 / 12</p> <p><input type="checkbox"/> _____ 10 / 11 / 12</p>		Each course is worth 4 credits
Total Credits		80
ADDITIONAL COURSES - PSI Entrance Requirements		
<p><input type="checkbox"/> _____ 10 / 11 / 12</p> <p><input type="checkbox"/> _____ 10 / 11 / 12</p> <p><input type="checkbox"/> _____ 10 / 11 / 12</p> <p><input type="checkbox"/> _____ 10 / 11 / 12</p> <p><input type="checkbox"/> _____ 10 / 11 / 12</p>		

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. Current scholarship information can be viewed online at 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	www.bcit.ca
Capilano University	North Vancouver, BC	www.capilanou.ca
Douglas College	New Westminster, BC	www.douglas.bc.ca
Kwantlen University	Surrey, BC	www.kwantlen.bc.ca
Trinity Western University	Langley, BC	www.twu.ca
University of British Columbia	Vancouver, BC	www.ubc.ca
Thompson River University	Kamloops, BC	www.tru.ca
University of the Fraser Valley	Abbotsford/Chilliwack, BC	www.ufv.ca
University of Northern BC	Prince George, BC	www.unbc.ca
University of Victoria	Victoria, BC	www.uvic.ca

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 2018 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
- Fulfill graduation requirements of the 2018 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 Skill Building, 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.

Life Skills 9-12 (XSIEP9G, XSIEP0G, XSIEP1G, XSIEP2G)

Non-credit course focusing on academic skills at student level as well as at-home skills and workplace skills.

Skill Building 9-12 (XSIEP9B, XSIEP0B, XSIEP1B, XSIEP2B)

Non-credit course focusing on academic skills at student level as well as workplace 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. For additional information regarding Learning Strategies, please contact Kelsey Edwards at 604-795-7295 or kelsey_edwards@sd33.bc.ca.

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.

2023/24 COURSES

ACTIVE LIVING

Pg. 8

PE Basketball 9/10/11/12
PE Volleyball 9/10/11/12
Physical & Health Education 9/10
Active Living 11/12
Fitness Conditioning 11/12
Mindfulness & Movement 11
Principals of Strength 11/12
PE Leadership 11/12
Outdoor Education 11

BUSINESS EDUCATION

Pg. 11

Introduction to Business 9
Accounting 11/12
Entrepreneurship & Marketing 10
Entrepreneurship 12
Marketing & Promotion 11

CAREER EDUCATION

Pg. 12

Career Education 9/10/11/12

COMPUTER COMMUNICATION INFORMATION

Pg. 13

Computer Studies 9/10
Web Development 10
Computer Programming 11/12
Media Design 11 Desktop Pub.
Self-Directed Computer Projects
AP Computer Science A

ENGLISH

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English 9
Composition & Creative Writing 10
Composition & Lit Studies 10
English First Peoples Lit Studies 10
Creative Writing 11
English First Peoples Lit. Studies 11
Literature Studies 11
Literature Studies 11 Honours
AP English: Literature & comp 12
English Studies 12
English First Peoples 12
Creative Writing 12

HOSPITALITY

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Culinary Arts 9/10/11/12
Foods 9/10 -Foods Studies Level 1
Foods 11 -Foods Studies Level 2
Foods 12 -Foods Studies Level 3

HUMAN SERVICES

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Child Development & Caregiving 12
Families & Society 10
Interpersonal & Family Relationships 11
Leadership Development 10/11/12
Peer Tutoring 11/12
Psychology 10
Psychology 11/12
Intro to Counselling Skills 11
Intro to Careers in Teaching 12

MATHEMATICS

Pg. 20

Math 9
Learning Strategies Math 9
Foundations of Mathematics &
Pre-Calculus 10
Foundations of Math 11/12
History of Math 11
Pre-Calculus 11/12
Workplace Math 10/11
AP Calculus 12
Apprenticeship Mathematics 12
Calculus 12

MODERN LANGUAGES

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French 9/10/11/12
Introductory German 11
German 11/12
Intro Halq'emeylem 11
Introductory Japanese 11
Japanese 11
Spanish Level 1/2/3/4

SCIENCE

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Science 9/10
Science 10 Honours
Chemistry 11
Chemistry 11 Honours
Chemistry 12
AP Chemistry 12
Earth Science 11
Geology 12
Environmental Science 11/12
Life Science 11
Life Science 11 Honours
Anatomy & Physiology 12
AP Biology
Physics 11/12
Physics 11 Honours
Science for Citizens 11

SOCIAL STUDIES

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Social Studies 9/10
Explorations in Social Studies 11
20th Century World History 12
AP European History 12
B.C First Peoples 12
Comparative Cultures 12
Contemporary Indigenous Studies 12
Genocide Studies 12
Legal Studies 12
Philosophy 12
Physical Geography 12
Social Justice 12

SPECIALTY PROGRAMS

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AP Programs
Guided Learning
Equestrian Program
Independent Directed Studies
Human Services Career Enrichment Program

TRADES & TECHNOLOGY EDUCATION

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Construction Electrical 10
Construction Electrical 11/12
Drafting 9/10/11/12
Electronics/Robotics 9/10
Metalwork 9/10/11/12
Art Metal & Jewelry 12
Machine & Welding 12
Powertech 9/10
Automotive Technology 11
Automotive Technology 12
Woodworking 9/10/11/12

VISUAL & PERFORMING ARTS

Fine Arts

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Art Studio 9/10/11/12
Dance Foundations 9/10/11/12
Studio Art 2D -Drawing & Painting 11/12
Graphic Arts 11/12
Media Arts 9/10
3D Computer Graphics 11/12
Photography 11/12
Studio Art 3D - Ceramics 11/12
Yearbook 10/11/12

Music

Pg. 42

Instrumental Concert Band 9-12
Rock School 9/10/11/12
Instrumental Music 9: Intro. Guitar
Instrumental Music 11: Intro. Guitar
Instrumental Music 12: Advanced Guitar
Instrumental Music: Jazz Band 9-12
Jazz Improvisation 9/10/11/12
Composition & Production 11/12
Small Ensemble Performance 9-12
Choral Music: Vocal Jazz 9-12
Concert Choir 9-12

Theatre

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Drama 9/10/11/12
Directing & Scriptwriting 12
Film Studies 12
Film & Television 10/11/12

UFV REGIONAL CAREER PROGRAMMING (RCP)

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WORK EXPERIENCE

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YOUTH TRAIN IN TRADES

Pg. 49

Hairdressing
Automotive Service Technician

YOUTH WORK IN TRADES

Pg. 50

ONE CAMPUS

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COURSE DESCRIPTIONS

ACTIVE LIVING

PE BASKETBALL 9-12 (MPHE-09BB, MPHE10BB, MACLV11BB, MACLV12BB)

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 9-12 (MPHE-09VB, MPHE10VB, MACLV11VB, MACLV12BVB)

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)

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.

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 (YHRA-1C)

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 (YHRA-2C)

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 (YLRA-1A/YLRA-2A)

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 11 (MODED11)

Outdoor Education 11 is a course available to students in grades 10, 11, 12.

The course is an alternative to the regular PHE 11 curriculum and will focus on participation in outdoor pursuits skill development and physical activity in the outdoors. Students will gain understanding of their natural environment while working as a team with classmates.

Many students in the Chilliwack School District have never had the opportunity to explore the outdoors. Backpacking, using back country stoves, and meal planning are new experiences. These experiences allow students to gain valuable social skills and develop confidence and self-esteem, while working as a team with classmates. Positive attitudes towards a healthy lifestyle, gaining skills necessary to safely enjoy the outdoors, and learning about outdoor pursuits around Chilliwack are benefits of Outdoor Education 11.

Possible course topics include:

- Camp craft (liquid-fuel stoves, tents, back packs, sleeping bags, knots, etc.)
- Trip Preparedness (wilderness safety/decision making/10 essentials
- Compass use/orienteering/map skills
- Local ecosystems/environmental ethics
- Meal planning
- Tarps/shelters
- Physical geography
- Disc golf/indoor climbing
- Fitness
- Bear/wildlife awareness
- Basic first aid

There is an initial fee of \$150 for this course. Field experience outings do have an additional fee to cover the cost of transportation, equipment, food, etc. (cost TBD).

Some equipment needed for outings will be provided by the Outdoor Education (backpacks/tents/sleeping bags).

Equipment and gear for field outings will be discussed prior to each outing.

Students will need the following basic gear to participate in the course:

- Top and bottom base layer
- Appropriate wind/waterproof shell jacket
- Trail/hiking boots
- Gear list will be supplied in class

BUSINESS EDUCATION

INTRODUCTION TO BUSINESS 9 (MADIT09-BUS)

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)

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 the grade 11 Career course and use this as evidence for 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 for three sessions, and will act as a guide through this process, with the final project being presented to a panel of teachers. Capstone is required for graduation.

COMPUTER COMMUNICATION INFORMATION

COMPUTER STUDIES 9 (MADIT09)

Prerequisite: None, Recommended for Grade 9.

This course is designed as an introductory computer class where students will learn the basics in word processing, photo and video editing, web page development and computer programming. No experience is necessary, and this course will give students a solid foundation of technical skills to use throughout their education.

COMPUTER STUDIES 10 (MCSTU10)

Prerequisite: None, Recommended for Grade 10.

This course is designed as a survey course that covers topics from both software and hardware realm, including internet principles, data interpretation, intro to web development, intro to programming, modular programming (arduino), basic networking concept, operating system shortcut, command line operation and more. This course covers 80% of AP CSP.

WEB DEVELOPMENT 10 (MWBDV10)

Prerequisite: None, Recommended for Grade 10/11

This course focuses on enabling student to express their ideas as web pages, by learning topics such HTML, CSS (media query), JavaScript framework, Bootstrap, CMS. This course also explores into packaging web application into native iOS and Android app via Cordova.

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.

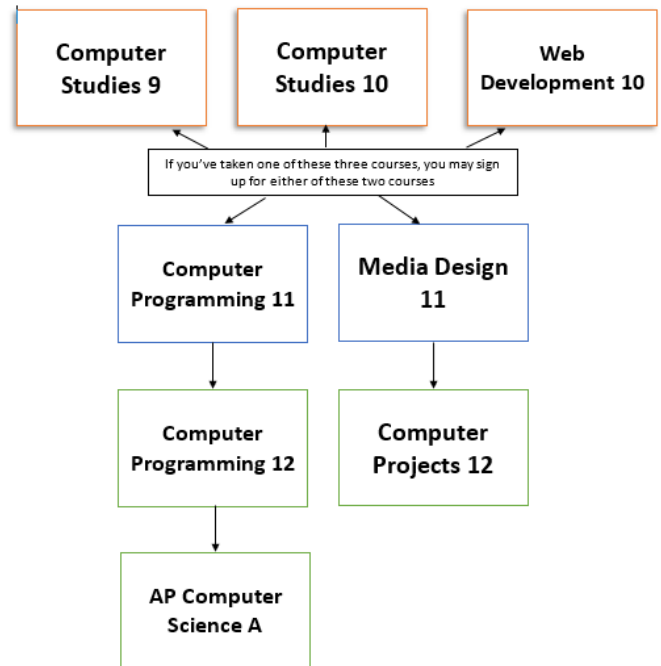
This is a sequel course of Computer Programming 11, the focus is to strengthen algorithmic ability in programming. The topics include data structure, algorithms and recursion, jsp, data-binding with js framework, unity3d development, app development and modular programming with arduino. This course covers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

MEDIA DESIGN 11 - Desktop Publishing 11 (MMEDD11)

Prerequisite: None

Processes and tools involved in digital video production. Processes and tools used in the production of 2D documents. Processes and software tools used in the production of digital animation files, web page files, and personal web sites.

- Desktop Digital Video (Adobe Premiere Pro)
- 2D Graphic Design and Publishing ((Adobe Photoshop)
- 3D Design and Animation (Blender)
- Web Pages and We Publishing (HTML, CSS, Adobe Dreamweaver)



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

Prerequisite: Computer Programming

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)

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.

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

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 ELECTIVE (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

CSS CULINARY ARTS OVERVIEW

At no time in history has the field of Culinary Arts been showcased as it is today! Through television, and social media, Chefs and Foodies from around the globe are re-inventing the ways in which we cook and eat. Our Multi-Cultural society is reflected in food offerings from around the world as well as inclusion of local Indigenous foods and recipes. Students enrolled in the Culinary Arts Program at Chilliwack Secondary have the opportunity to learn a wide variety of Culinary Skills in one of the fastest growing and rewarding careers in industry. Students completing Culinary Arts programs at the high school level receive an exceptional grounding with a future to post-secondary education in this ever-evolving field.

Students begin the program by completing FoodSafe Level 1 which teaches safe food handling practices. They are then introduced to our cafeteria kitchen, outfitted with a large variety of commercial equipment designed and used for large-scale food production for our cafeteria. Students will learn safe and efficient use of professional food service equipment, knife handling skills, as well as cooking terms and techniques, all while assisting in the daily operation of a professional kitchen. By the end of the course each student will be able to independently prepare and present a wide variety of culinary delights.

CULINARY ARTS 9 (MADFS09CA)

Prerequisite: None

Students begin the program by completing BC FoodSafe Level 1 that teaches safe food handling practices. Students are then introduced to our cafeteria kitchen, outfitted with a large variety of commercial equipment designed and used for large-scale food production for our cafeteria. Students will learn safe and efficient use of professional food service equipment, knife handling skills, as well as cooking terms and techniques, all while assisting in the daily operation of a professional kitchen.

- Safe food handling practices and personal safety in the kitchen
- Food service tools and equipment
- Units and types of measurement
- Professionalism in a food service kitchen
- Indigenous food culture and traditions

CULINARY ARTS 10 (MCUL-10)

Prerequisite: None

- Safe food handling practices and personal safety in the kitchen
- Food service tools and equipment
- Units and types of measurement
- Professionalism in a food service kitchen
- Indigenous food culture and traditions

CULINARY ARTS 11 (MCUL-11)

Prerequisite: Culinary Arts 10

- Principles of cooking methods
- Reading and conversion of culinary recipes
- Anatomy of meat, poultry, and seafood
- Identification and selection of culinary ingredients
- Dietary restrictions and food allergies

CULINARY ARTS 12 (MCUL-12)

Prerequisite: Culinary Arts 11

- Menu design, recipe factoring, ratios, and costing
- Methods and principle for seasoning and presentation
- Ethnic and multicultural ingredients and their cooking methodology
- Social, economic, and environmental effects of food procurement decisions
- Career exploration, social perception of chefs, food trend

FOODS 9/10 - FOOD STUDIES: Level 1 (MADFS09/MFOOD10)

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.

FOODS 11 - 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.

FOODS 12 - 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.

HUMAN SERVICES

CHILD DEVELOPMENT AND CAREGIVING 12 (MCDAC12)

Prerequisite: None

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.

FAMILY AND SOCIETY 10 (MFAMS10)

Prerequisite: None

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.

INTERPERSONAL AND FAMILY RELATIONSHIPS 11 (MIAFR11)

Prerequisite: None

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.

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-2)C

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 - Level 1 (YPSYC1A)

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 - Level 2 (YPSYC1B)

Prerequisite: Psychology 10 (Level 1)

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 - Level 3 (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 COUNSELLING SKILLS 11 (YIPS-1D)

Prerequisite: By application only

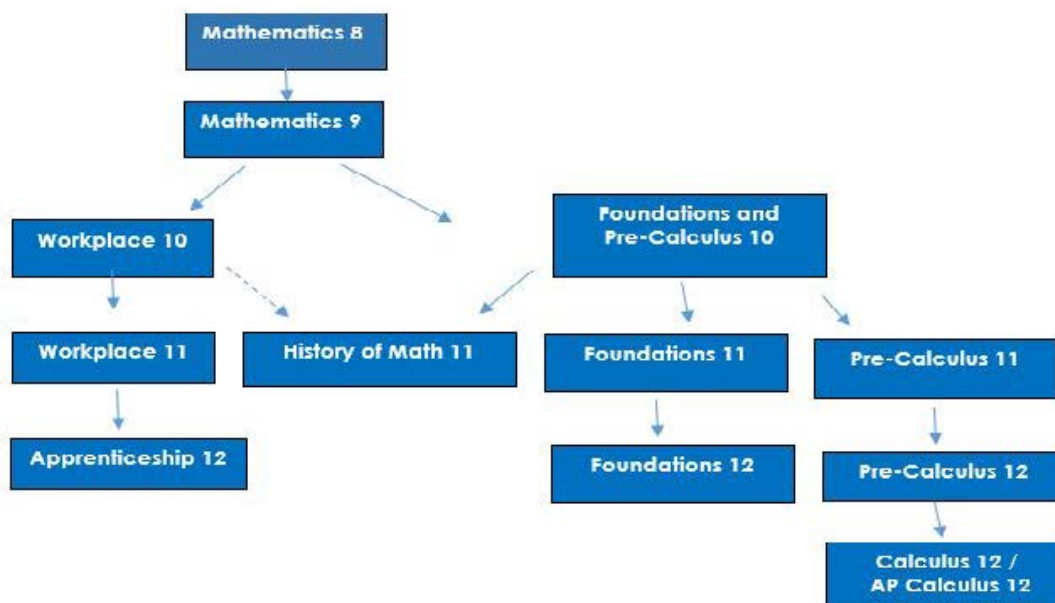
Intro to Counselling Skills 11 is a course open to grade 11 and 12 students interested in personal development and/or careers in education or human services. As the course is largely discussion-based, students are expected to work collaboratively with others and participate in class discussions and activities. Counselling Skills is designed to promote emotional intelligence and provide training in self-awareness, communication, assertiveness, problem-solving, and specific interpersonal skills. These skills enable students to be empathetic, non-judgmental listeners capable of basic mediation and conflict resolution. The course also provides students with an understanding of mindfulness, mental health, self-care, and healthy relationships. In addition, students will learn to identify barriers to wellbeing and recognize the signs and symptoms of a mental illness or disorder. Students may be expected to complete service hours working in a helping role in an elementary or middle school classroom.

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)

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.

LEARNING STRATEGIES MATH 9 (MMA--09R)

Prerequisite: Teacher recommendation

Students will be placed in Learning Strategies Mathematics 9 by the recommendation of their middle school teachers and counselors. **This course will not satisfy the math 9 course requirement.** It will help prepare students that struggled with mathematics in middle school for the common Mathematics 9 course. Students in this course will work on numeracy and number flexibility, estimation, algebra, and fraction operations. Upon successful completion of this course, students may enroll in Mathematics 9.

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.

HISTORY OF MATH 11 (MHOM-11)

Prerequisite: Math 10

Explore the beginnings of mathematics with this course that starts in Egypt with hieroglyphics to cryptography used in today's password protection. You will explore the different number systems that have been used throughout history, the beginnings of algebra, geometry, probability and statistics. You will examine how technology has evolved from the papyrus to the modern computer. You will learn the evolution of cryptography from Spartan military to the Enigma machine and much, much more. This course satisfies the Math 11 requirement for graduation.

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

Many universities and/or specific programs have a second language entrance requirement. To ensure that you meet the requirements for ANY university or program in BC it is recommended that you take a language 11 (this does NOT include Intro 11 courses, which are a prerequisite to the language 11 courses).

FRENCH 9 (MFR--09)

Prerequisite: French 8

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 both oral and written 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 or seeking employment.

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 both oral and written 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 or seeking employment.

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. 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. This course satisfies graduation requirements for UBC's B.A. programs.

INTRODUCTORY GERMAN 11 (MBGE-11)

Prerequisite: None. This course is ONLY offered for students in Grades 10, 11, or 12.

This is an academic course, which begins as 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, etc.

GERMAN 11 (MGE--11)

Prerequisite: Introductory German 11 ("B" standing or better is recommended), 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.

GERMAN 12 (MGE--12)

Prerequisite: German 11 ("B" standing or better is recommended), 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 UBC's B.A. programs.

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.

JAPANESE 11 (MJA--11)

Prerequisite: Introductory Japanese 11 (final grade of A recommended)

This course will build on the skills developed in Introductory Japanese 11 with an intense focus on communication through daily activities and exercises. Only students who are highly motivated to learn the Japanese language should take this course. 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.

SPANISH Level 1 (MSP—09 / MBSP--11))

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: Getting to know you, At school, Pastimes, and Family.

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.

SPANISH Level 3 (MSP--11)

Prerequisite: Spanish Level 2

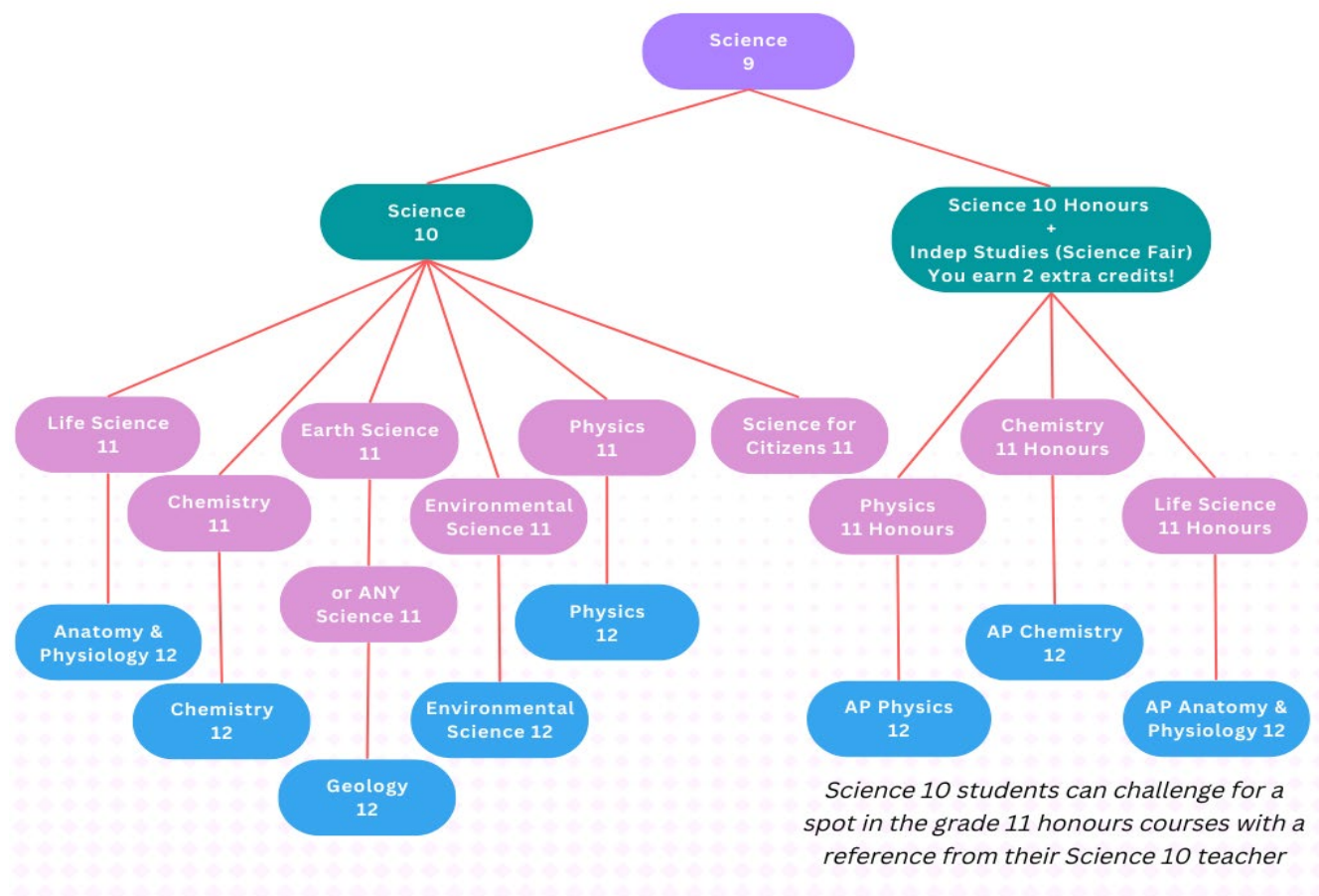
This is the academic level 3 course for Spanish. Students are expected to have a solid foundation of Spanish for this course. This course takes on a higher-level approach where students will be reading and engaging with novels and participate in inquiry projects to investigate regional and ethnic diversity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

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 UBC's B.A. programs.

SCIENCE



SCIENCE 9 (MSC--09)

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 apply for Science 10 Honours.

SCIENCE 10 (MSC--10)

Prerequisite: Science 9

Science 10 involves the study of the following topics: DNA and Genetics, Chemical Reactions and Nuclear Radiation, Energy Transfer, and Space Science. After the completion of Science 10, students may choose courses in specific science fields in grade 11. ***20% of the course mark is dependent on a final Assessment**

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 application.

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 in conjunction with Science Fair) as a part of this course. Science 10 Honours is recommended for students interested in potentially pursuing a career in sciences. ***20% of the course mark is dependent on a final assessment**

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. ***20% of the course mark is dependent on a school final exam.**

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. ***20% of the course mark is dependent on a school final exam.**

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. ***30% of the course mark is dependent on a school final exam.**

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. ***30% of the course mark is dependent on a school final exam.**

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. ***20% of the course mark is dependent on a school final assessment.**

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. ***30% of the course mark is dependent on a school final assessment.**

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 several lab investigations that test the health of our local ecosystems (water quality, soil composition, water turbidity, species inventory, etc.) and will carry out inquiry-based projects/investigations/& case studies that explore the application of this sort of data in a variety of settings.

***20% of the course mark is dependent on a school final assessment.** **The Equestrian Program students will also explore the impacts of agriculture (specifically the Equine Industry) on biodiversity, 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. ***30% of the course mark is dependent on a school final assessment.**

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. The topics are:

1. **Methods and Principles of Biology** – scientific method and classification.
2. **Cells** – cell types, organelles, cell processes, DNA, protein synthesis.
3. **Evolution** – adaptation, natural selection, speciation, and their genetic basis.
4. **Microbiology** – viruses, archaebacteria, eubacteria, and immunity.
5. **Botany** – non-vascular plants, gymnosperms, and angiosperms.
6. **Zoology** – invertebrates and vertebrates.
7. **Ecology** – community ecology, population dynamics, and energy.

Course work includes discussions, text and article readings, labs, case studies, microscope work, dissections, group work, research projects, videos and presentations. Daily homework and study are required as the course is heavily dependent on vocabulary acquisition. ***20% of the course mark is dependent on a school final assessment.**

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). It is intended to prepare students for Advanced Placement Biology. ***20% of the course mark is dependent on a school final exam.**

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 a highly academic course essential for students entering the life sciences and/or medical fields. This course is required for students entering the Faculty of Science in most universities. Anatomy & Physiology 12 involves mainly the study of life processes, the cell, and human body systems. The topics are:

1. **Cells and life processes** – cell structure, biological molecules, cell compounds, enzymes, cell membrane, cellular transport, DNA, and protein synthesis.
2. **Human biology** –body systems: digestion, circulation, respiration, excretion, coordination (nervous and some endocrine) and reproduction.

Course work includes discussions, notes, text and article readings, labs, case studies, videos, research projects, and the dissection of the fetal pig. Daily homework and study are required as this course is highly academic. ***30% of the course mark is dependent on a school final assessment.**

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 outcomes of the Provincial Anatomy & Physiology 12 course, students will learn about Cellular Energetics, Heredity & Evolution, Diversity in Organisms, Structure & Function of Plants and Ecology.

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, 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.

***20% of the course mark is dependent on a school final assessment.**

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 like Relativity. Greater emphasis will be placed on advanced math concepts, laboratory work and university level write-ups. This course is intended to prepare students for Advanced Placement Physics.

***20% of the course mark is dependent on a school final assessment.**

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 (vectors, motion in two dimensions and gravitation), Electromagnetism, Static and Current Electricity. The course will be taught in the form of lessons, problem solving and laboratory work. Students will be expected to have labs in on time and homework problems done on a daily basis. Note that different topics may be explored as we transition to a new curriculum. ***30% of the course mark is dependent on a school final assessment.**

SCIENCE FOR CITIZENS 11 (MSCCT11)

Prerequisite: Science 10

Science for Citizens is a course for students interested in how science informs our decisions and impacts our daily lives; for example, how home technology can improve our health, how it can improve energy use or how home safety alarms prevent accidents or injury. It is also a course that will help explain, how we as humans, affect natural changes in our environment and global systems. For example, the impact recycling has had on our world, the causes and effects of weather change and its impacts and the sustainability of resources to supply the world's energy needs. Students will have opportunities to research, practice and learn these ideas through various learning methods such as theory and hands on projects. They will also gain experience using common power tools in the classroom. Students will use theory-based information to work together in groups culminating with hands on projects to apply that information.

SOCIAL STUDIES

SOCIAL STUDIES 9 (MSS--09)

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.

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.

EXPLORATIONS IN SOCIAL STUDIES 11 (MEPSS11)

Prerequisite: Social Studies 10

Social Studies 11 Explorations develops student critical thinking by having students ask questions; gather, interpret, and analyze ideas; and communicate findings and decisions about various topics. The course is a survey course of various topics in History, Geography, Law, First Nations Culture, Economics, Politics and Social Justice. The course allows students to use critical thinking skills to understand the world, by examining, discussing, writing, and presenting their opinions on variety of topics. Social Studies 11 Exploration will be an inquiry project-based course that incorporates formative and summative assessment strategies.

20th 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: Any Language Arts 11 course

B.C. First Peoples 12 looks 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 will examine closely a number of cultures in a comparative format, realizing that understanding the cultural expressions of one culture enhances our understanding of other cultures as well. Students will consider how the interactions between belief systems, social organization and language influence artistic expression, and how value and belief systems shape the structures of power and authority within cultures. Thinking historically, students will examine how geographic and environmental factors have influenced settlement and the development of trade and agriculture in cultures worldwide.

CONTEMPORARY INDIGENOUS STUDIES 12 (MINST12)

Prerequisite: Social Studies 10

Contemporary Indigenous Studies 12 explores varied cultures and worldviews of different Indigenous Peoples in Canada and around the world. Students will consider the relationships and inequalities between different indigenous groups and governments around the world. Other topics considered will include the resilience and survival of indigenous people in the face of colonialism as well as economic development and community partnerships. Using First Peoples Principles of Learning (holistic, experiential, reflective, and relational) students will learn in a variety of ways, including the opportunity to engage with and learn from local knowledge keepers, and participate in various activities to encourage respectful consideration of various contemporary indigenous issues. In exploring the issues that face Indigenous peoples today we will unpack the history behind how these problems came to be in the first place and we will look at the various solutions that are being put in place to move us forward towards reconciliation. There is no tests or quizzes

This course satisfies the Indigenous Grad Requirement

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 21st century. ***No tests, quizzes, or exams**

LEGAL STUDIES 12 (MLST-12)

Prerequisite: Social Studies 10

The aim of this course is to encourage students to analyze the Canadian Legal System, focusing on criminal laws, civil laws, the Canadian Charter of Rights and Freedoms, and Indigenous Peoples governance. Students will investigate how laws are created, why laws exist, and demonstrate knowledge of how citizens can access and use laws. This course will require students to complete assignments using textbooks, videos, class discussions, class debates, mock cases, and internet searches. Students will use these assignments to analyze criminal case studies, civil case studies, and civil rights challenges to demonstrate critical thinking skills, writing skills, and acquisition of key core competencies. The focus of this course is to have students utilize acquired legal knowledge of Canadian Criminal Code, Youth Criminal Justice Act, contracts, wills, torts, employment laws, and Indigenous Peoples governance. Various guest speakers will provide insight into legal support networks found in Chilliwack and British Columbia. ***20% of the course mark is dependent on a final school exam.**

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 a project-based course where student work collaboratively using the affordances of interactive Web 2.0 technology. Geography 12 investigates the interactions of the lithosphere, hydrosphere, atmosphere and biosphere to gain an understanding of the Earth's physical environment. Student in Geography 12 students will construct lesson plans, do physical geography labs, monitor earthquakes on a global scale in conjunction with plate tectonics, present interactive presentations, plot and predict weather patterns, learn how glaciers move, study mass wasting, examine volcano types through case studies and interpret topographical maps. ***No tests, quizzes, or exams**

SOCIAL JUSTICE 12 (MSJ--12)

Prerequisite: Social Studies 10

Social Justice 12 examines and explores controversial social issues with the goal of raising awareness of social injustices, both past and present. Social Justice 12 develops skills necessary to examine the origins of values and beliefs, to challenge assumptions, and to broaden and enhance inclusion and diversity within our progressive democratic society. The course includes a student commitment to action. Students will be challenged to think and act ethically, empowering them to realize their capacity to effect positive change in the world. **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.

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 12 credits by taking the following courses:

- Equine Studies 10
- Environmental Science 11
- and either: Physical and Health Education 10/Active Living 11/or Active Living 12 (these are online courses with CSS)

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 manual for all our stable management instruction. We also emphasize effective goal setting strategies and journaling, in order to maximize the effectiveness of their time spent in the saddle, under the instruction of their coaches. Riding instruction will happen in small groups, with experienced coaches and lesson horses. Instruction 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 costs for the barn, 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 or email Avril Broekhuizen (Equestrian Program Teacher) at: avril_broekhuizen@sd33.bc.ca

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.

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></p> <p>on timetable: Psychology 10 (Foundations) – 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></p> <p>on timetable: Psychology 11 – 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></p> <p>on timetable: Psychology 12 – 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: Sessions in Applied Psychology 10</p> <p>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 & BBBS</p> <p><u>Supervision:</u> BBBS</p> <p><u>Placement Arrangement:</u> Mrs. Porter</p>	<p><u>Course Registration #2:</u> off-timetable: Sessions in Applied Psychology 11</p> <p>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 & BBBS</p> <p><u>Supervision:</u> BBBS</p> <p><u>Placement Arrangement:</u> Mrs. Porter</p>	<p><u>Course Registration #2:</u> off-timetable: Sessions in Applied Psychology 12</p> <p>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 & BBBS</p> <p><u>Supervision:</u> BBBS</p> <p><u>Placement Arrangement:</u> Mrs. Porter</p>

TRADES AND TECHNOLOGY EDUCATION

CONSTRUCTION ELECTRICAL

Get started on a career as an electrician while you earn your high school diploma. The following elective courses provide students with entry level electrical skills suitable for employment in residential, commercial and industrial electrical work. Students who have family or friends of family in the electrical trades are highly recommended for this program to build up the necessary skills as a potential career pathway.

CONSTRUCTION ELECTRICAL 10 (YCOT-0A) LAB COURSE, INTRODUCTION TO COMMERCIAL/INDUSTRIAL WIRING

Prerequisite: None

ALL STUDENTS, REGARDLESS OF GRADE LEVEL (10,11,12), ENTERING THE CONSTRUCTION ELECTRICAL PROGRAM MUST START WITH THIS INTRODUCTORY COURSE

Co-requisite: It is strongly recommended that students are also taking foundations math and physics (does not have to be in conjunction with construction electrical 10)

Construction Electrical 10 is an introductory course to ensure students apply electrical codes to wiring installations. Tools of the trade, safe practices, and electrical codes will be introduced through basic skills in wire splicing, cable termination, bonding, conduit bending and cutting, armoured and NMD cabling. This course is a daily hand on labwork where students work on their individual electrical panel for electrical installations, safety and tools of the trade, circuit and panel testing and troubleshooting skills. The focus of the course will be on commercial and industrial installation of EMT conduits, armoured cables, surface mounted gang boxes, and RW90 cabling. Basic 110 and 220 volt circuits for lighting, receptacles, split circuits, arc fault and ground fault interrupter circuits will be introduced.

CONSTRUCTION ELECTRICAL 11 & 12 (YOCT-1A/YCOT-2A) LAB COURSE, RESIDENTIAL WIRING

Prerequisite: Construction Electrical 10 (STUDENTS MUST HAVE BASIC SKILLS FROM ELECTRICAL 10 COURSE)

This program is highly recommended for students either already working in an electrical trade or immediately after high school, working towards electrical apprenticeship in residential wiring (construction electrical).

Construction Electrical 11 & 12 focuses more in depth of 110 and 220 volt installations. Students work on their own service panel and learn Electrical Wiring Code and theory through daily hands-on circuit installations. Students can expect to cover topics: Switch Controlled Lighting (single, 2 ways and 3 ways, switch loops), Switch Controlled and Multi-Location Receptacles, AFI and GFCI Single and Multi-Location Protection Circuits, Split Circuits, Combination Fan/Lighting/Sensor Circuits, CO and Smoke Detectors, 220 volt receptacle installation for ranges, dryers, welding plugs, rv plugs, sub panels, heaters, and low voltage Ethernet and Coax Cabling and Testing. Advanced students will gain more experience with surface mount installations with EMT conduits, pipe bending, and armoured cable installations.

DRAFTING 9 (MADD-09)

Prerequisite: None

The focus for the drafting 9 course is to provide preliminary drafting and design skills which will support further studies in the drafting / design 11 course. The course aim is to provide students with basic skills supporting the drafting / design field.

Topics include the following:

- Basic history of drafting / design
- Introductory 2D and 3D drawing skills
- Graphic design as it pertains to image development for architecture, interiors, and product design.
- Basic use of 3D CAD.
- Basic orthographic design principles
- Understanding dimensions and basic drafting symbols
- Perspective drawing
- Simple model making
- Careers avenues including design for entertainment and film set.

Skills:

- Understanding the design ideation process
- Sketching / Hand drawing skills development
- Reading plans
- CAD skills
- Conceptualization and thematic design
- Understanding detail drafting schematics

DRAFTING 10 (MTDRF10)

Prerequisite: None

To introduce basic design / drafting concepts and skills relevant to building critical skills for Drafting 11 / 12 courses. The Drafting 10 course is a pre-requisite course for those wishing to pursue advanced courses.

The introductory course offers basic assignments including orthographic drawing, 1, 2 and 3 point perspective. Students will complete a series of smaller projects focused on developing pertinent design skills. Projects are supported by a broad series of examples and documentary sources.

DRAFTING 11 (MTDRF11)

Prerequisite: Drafting 10

The focus of the drafting 11 course is aimed at more concentrated projects and design work. Students will cover aspects of residential home design, trends in modern housing, basic industrial design and product ideation.

Essential Skills:

- Advanced ideation including the design process and workflow.
- Advanced techniques
- Concept design based on client profile.
- Portfolio development
- The use of varied software applications in conjunction with scanning technology.
- Model building based from 3D CAD models.

DRAFTING 12 (MTDRF12)

Prerequisite: Drafting 11

The focus for drafting / design 12 aims to provide students with advanced commercially directed projects in areas such as architecture, interiors, product design and design for entertainment. Workflow and knowledge base expectations are included as part of the background information required for the course. Human factors and ergonomics form part of the frame work for industrial design aspects. 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 are expected to develop self-evaluative skills and the ability to work collaboratively as part of a team approach.

Students will develop:

- Intensified understanding of computer aided design technologies.
- Insight to the design process.
- Enhanced ideation drawing capabilities
- Improved ability to address client needs.
- 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.

ELECTRONICS/ROBOTICS 9 & 10 (MADER09/MTEAR10)

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 analytical skills in trouble shooting. (b) Students learn practical skills of 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. Students will be introduced to programming robotic movements on the Vex robot platform. 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: Electronics/Robotics 9 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.*

METALWORK 9/10 (MADM-09/MTMET10)

Prerequisite: None

This is the introductory metalwork course as well as the prerequisite for Metalwork 11 and Art Metal and Jewelry 12. Metalwork 9/10 explores and develops the basic concepts, skills and practices of metal trades including safety, measurement, drawing/drafting/design, welding, cutting, finishing and the use of hand tools, bench tools and machinery. After developing the foundational skills and knowledge through a series of smaller projects and processes students will build a project according to assigned plans and specifications. The aim of the course is to provide a diverse experience to those pursuing metalwork out of a personal interest as well as building a foundation for those considering a career in metal-related trades.

METALWORK 11 (MTMET11)

Prerequisite: Metalwork 9/10

Metalwork 11 is the opportunity to build on the foundation of Metalwork 9/10 to develop a greater skillset and pursue a more challenging project. Emphasis is placed on accuracy and the use of tools in an efficient and effective manner. Students will learn to plan the processes necessary to fabricate their project as well as how to set up equipment and machinery to carry out the necessary steps. This course is open to students who have successfully completed Metalwork 9/10.

METALWORK 12 (MTMET12)

Prerequisite: Metalwork 11

This course is intended for those with a definite interest in design, fabrication, and general metalworking processes as well as more advanced machining and welding. More advanced processes are available to Metalwork 12 students including CNC plasma cutting. Small side projects are possible with instructor approval and the submission of a full set of drawings, fabrication details and a cost sheet. This course is open to students who have successfully completed Metalwork 11.

ART METAL AND JEWELRY 12 (MTAMJ12)

Prerequisite: Metalwork 9/10

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 Metalwork 9/10.

MACHINING AND WELDING 12 (MTMAW12)

Prerequisite: Metalwork 11

Machining and Welding 12 focusses on more advanced machining and welding techniques and processes. The content is intended to provide more of the experiences that will benefit those intending to pursue metal related careers. While the development of skills is the focus some project work is possible if it contributes to building a skill set. This course is open to students who have successfully completed Metalwork 11.

POWERTECH 9/10 (MADPT09/MTPOW10)

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 will challenge, explore possibilities, and give opportunity for creativity in the principles of operation of internal combustion engines, power transmission for both mechanical and electrical energies, electric motors, airplane flight 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 9 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.*

AUTOMOTIVE TECHNOLOGY 11 (MTAUT11)

Prerequisite: None

Automotive service technician is 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 grade) enroll in this course. This course is available to students in grades 10-12. It is recommended to take powertech first, but not required.*

AUTOMOTIVE TECHNOLOGY 12 (MTAUT12)

Prerequisite: Automotive Technology 11

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, engine tuning, suspension design, transaxle rebuilding and maintenance, 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 grade).

WOODWORKING 9 (MADW-09)

Prerequisite: None

Students will be taught how to use hand tools and machinery and engage in all aspects of safety operations in the wood shop. Students will understand the appropriate use of specific wood in various projects and be made aware of the uses of softwoods versus hardwoods. They will have the opportunity of designing, drawing, and reading plans; apply different joinery and lamination and will be assessed on the assembly, workmanship, and creativity of their projects. The final assessment will include various joinery techniques, including lap, mitre, rabbets, dado, mortise/tenon, biscuit, and T-joints.

WOODWORKING 10 (MWWK-10)

Prerequisite: Woodworking 9

Students will be taught use of all hand tools and machinery and engage in all aspects of safety operations of hand tools/machinery in the wood shop. Students will understand the appropriate use of specific wood in various projects and be made aware of the uses of softwoods versus hardwoods. They will have the opportunity of designing, drawing, and reading plans; apply different joinery and lamination and will be assessed on the assembly, workmanship, and creativity of their projects. The final assessment will include various joinery techniques, including lap, mitre, rabbets, dado, mortise/tenon, biscuit, and T-joints.

WOODWORK 11 (MWWK-11)

Prerequisite: None

This course is designed for the student interested in woodwork. During the term of the course, the student will study in practice as well as in theory such topics as: personal safety and the safety of others, hand and stationary power tools and the use and care of hand tools and basic lathe turning. Students will have the opportunity to build a project of their own design once they have successfully completed the compulsory projects assigned.

WOODWORK 12 (MWWK-12)

Prerequisite: Carpentry & Joinery 11 OR Woodwork 11

During the course, the student will have practical and theoretical study in such topics as: personal safety and the safety of others, hand and stationary power tools and the use and care of hand tools and basic lathe turning. Once students have completed the compulsory projects they will have the opportunity to build a project of their own design.

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)

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 (MVA10)

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 (MVA11)

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 (MVA12)

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.

DANCE FOUNDATIONS 9/10 (MDNC-09/MDCF-10)

No experience necessary.

This foundational course introduces students to the elements of movement, allows students to explore a variety of dance genres and cultures and provides opportunities for specializations in technique, choreography, and performance. Students will increase their knowledge and develop skills in all stages of dance preparation and production.

DANCE FOUNDATIONS 11/12 (MDCF-11/MDCF-12)

No experience necessary.

This foundational course introduces students to the elements of movement, allows students to explore a variety of dance genres and cultures and provides opportunities for specializations in technique, choreography, and performance. Students will increase their knowledge and develop skills in all stages of dance preparation and production and will get a chance to work with various choreographers of different dance styles.

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

Prerequisite: Studio Art 10 or Studio Art 11

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 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 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)

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.

3D COMPUTER GRAPHICS 11 (MVAMT11)

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 work-flows, 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 graphics.

3D COMPUTER GRAPHICS 12 (MVAMT12)

Prerequisite: 3D Graphics 11 (or Media Arts 11).

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.

PHOTOGRAPHY 11 (MVAP11)

Prerequisite: Highly recommend completion of one of the following: Studio Art 10, Studio Art 11 or Media Art 10.

Open to grades 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

Grade 11 and 12 students 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)

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. Participation in a one-day music retreat in October is also mandatory for members of this ensemble. On a volunteer basis, participation in the Senior Concert Band is also available to advanced students. 4 credits (FA)

INSTRUMENTAL MUSIC: CONCERT BAND 10 (MMUCB10)

Prerequisite: Concert Band 9

Concert Band 10 allows students to study and experience music through performance in a wind and percussion ensemble. This course is designed to provide grade 10 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 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. All Concert Band students will be expected to perform in all school concerts and performances.

4 credits (FA)

INSTRUMENTAL MUSIC: CONCERT BAND 11/12 (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)

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)

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 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 the student 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)

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-0A/YVPA-1A/YVPA-2A)

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

Students will compose music from the outset using current abilities. This course will provide instruction in the basics of music including notation, theory, history, arranging, and transcribing. MCT 11 will include: physics of sound, instrumentation, arranging, composition, theory of music, history of music. MCT 12 will include: applying the knowledge of formal music to compositions for various instruments, analyzing the works of the masters, studying harmony, composing compositions using MIDI software and MIDI controlled musical devices. The use of MIDI equipment will allow students to pursue writing for film to combine their talents with those of the Drama department and the Computer Animation department. Digital recording possibilities will allow students to record, mix, master and print their own compact discs. The creative world of music composition is an integral part of multimedia productions, and there is a growing market for people with drive and ability with modern recording and production equipment. 4 credits (FA)

SMALL ENSEMBLE PERFORMANCE 9/10/11/12 (MMU--09SE/YVPA-0E/YVPA-1E/YVPA-2E)

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)

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)

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

DRAMA 9 (MDR--09)

Prerequisite: None

This is a course in creative/developmental drama that builds the skills necessary for successful performances in theatre. Students will be working on basic skills such as movement, mime, speech, improvisation, role playing and character development. Students will also be developing personal skills like concentration, trust and teamwork. Attendance and participation are crucial to success in Drama 9.

DRAMA 10 (MDRM-10)

Prerequisite: None

Drama 10 is a course where students transition from creative drama to theatre performance. Students should have an interest in theatre and in presenting and performing for others. It is a course where participation is essential. This course is designed to expose students to many different areas of theatre while increasing a student's confidence and skills at presenting in front of a group. Students generally complete units on character building, scripted scene work, radio plays, mime, mask, make-up, and story theatre and play building. Students will also participate in various theatre games, improvisations and theatre sports designed to sharpen concentration, observation, spontaneity, acting skills and constructive criticism, and to encourage mutual respect in the classroom. Assignments are both short and long term, with attendance being crucial to student success. Students are required to work on various assignments alone, in pairs, and in both small and large groups, and are required to memorize scripts.

DRAMA 11 (MDRM-11)

Prerequisite: Drama 10

Acting 11 continues the development of performance skills from Drama 10. Students will be asked to present their work in front of a variety of audiences. Students generally complete units on character building, scripted scene work, play building, and Shakespeare. Students will continue to build their skills at presenting in front of a group and ensemble building with theatre games, improvisation, and theatre sports. Emphasis is also put on refining acting technique and building higher quality performances. Assignments are both short and long term, with attendance being crucial to student success. Students are required to work on various assignments alone, in pairs, and in small and large groups, and are required to memorize scripts.

DRAMA 12 (MDRM-12)

Prerequisite: Drama 11

This course reviews theatre skills acquired in previous acting courses while challenging students to push themselves into more advanced roles and performances. Students should be able to demonstrate a greater depth of understanding in interpretation of character, stage business and the technical skills required to produce a play. Students at this level will develop into an acting company capable of producing a play. The course generally includes advanced study in character building, scene work, improvisation, and creating a Commedia Dell'arte performance/play.

DIRECTING AND SCRIPTWRITING 12 (MDRDS12)

Prerequisite: Acting 11 or teacher approval

This course is for students interested in expanding their knowledge and experience in theatre and production. Course work involves analyzing scripts, scriptwriting, and directing opportunities. Students will be working in leadership roles writing their own scripts and then directing other students in the performance of those scripts. Students will be working and acting alongside Drama 9 and 10 students in a leadership role.

FILM STUDIES 12 (YVPA-2I)

Prerequisite: None

Like movies? Most people do, but have you ever stopped to think about the films you watch? How did our main form of entertainment go from silent films to today's multi-million-dollar blockbusters? Through reviews, analysis, discussion, and projects Film Studies 12 will examine the important genres in film and look at how films are crafted to create a response in viewers, what themes and stories are told, and the style and techniques of certain directors such as Alfred Hitchcock and Steven Spielberg. Examples of possible films to be studied include Star Wars, Psycho and Jaws.

FILM & TELEVISION 10 (MDRTC10)

Prerequisite: None

Film and Television 10 is an introductory course which will expose students to some of the many facets of film and television performing and production. This course is a performance/participation-based course where students will be examining different styles and genres of film and television and learning basics of pre-production, on air performance, sound, cameras, and editing. Students will be performing in their own and other's videos. The course will include written and oral critical analysis of professional and amateur films and basic film study. Students taking this course should expect to be performing on camera and allow out of class time to work on projects. Students must be prepared to meet this requirement.

FILM & TELEVISION 11 (MDFT-11)

Prerequisite: None

Film and Television 11 continues the study of film and television started in Film and Television 10. Students will expand their knowledge of film genres and television production techniques started in Film and Television 10. Students can expect to be filming more complex projects that demonstrate more skills and film techniques and to be directing multiple camera productions in the television studio. Students will continue their written and oral critical analysis of films. Students taking this course should expect to be performing on camera and should allow out of class time to work on film projects. Students must be prepared to meet this requirement.

FILM & TELEVISION 12 (MDFT-12)

Prerequisite: Drama: Film and Television 11

Drama Film & Television 12 continues the study of film and television production started in Film & Television 10 and 11. Students will be continuing to refine and improve their video production techniques showing advanced filming and editing skills. Out of class time will be needed to work on 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
- Automotive Service Technician
- Carpentry
- Construction Electrician
- Electronics Technician –Common Core
- Heavy Mechanical Foundation
- Joinery
- Plumbing & Piping
- Professional Cook
- Welding Foundation

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 or 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.

Grade 11 students can apply to pursue an apprenticeship career path to obtain the first level of technical training during their Grade 12 school year.

- The eligibility criteria include:
- Completed career programs application form
- 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

Welding Foundation –Sardis Secondary

Automotive Service Technician –Sardis Secondary & Chilliwack Secondary

Hairdressing –Chilliwack Secondary

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.

**** Please Note:** Out of catchment students in these programs will be limited to spaces available. **

Contact your school Counsellor for more information.

AUTO SERVICE TECHNICIAN (YMR--2A/B)

The Youth TRAIN Automotive Service Technician program prepares you for entry into the automotive service and repair industry. This is a joint venture with the University of the Fraser Valley (UFV), the Industry Training Authority (ITA) and CSS to enable students to complete the first section of the Automotive Service Technician Foundations program at CSS. In the 2nd semester of their grade 12 year, these students attend UFV to complete the program. As well as achieving their AST level 1 certification, the students will earn 16 credits towards their high school grad requirements. Upon successful completion, you will receive credit for Level 1 Technical Training of the Automotive Service Technician apprenticeship program. Automotive Service Technician is a nationally designated trade under the Interprovincial Red Seal program.

HAIRDRESSING PROGRAM

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 course.
- Strong attendance record.
- Commitment to completing a rigorous program that will require time outside of the school day.
- Completed application form.

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>



**Chilliwack
School District**



One Campus

Rationale:

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?

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?

A daily shuttle between CSS/GWG/IAT/KSS/SSS 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:

Student Name: Suzie Student Homeroom: Ms. Teacher		Student ID: 12345 Home Campus: CSS		YOG 2023	
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
Lunch					
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

Learn More:

If you are interested in this option, please see your school counselor.

* CSS – Chilliwack Secondary School

* GWG – GW Graham Secondary

* IAT – Imagine High Integrated Arts & Technology School

* KSS – Kwiyeqel Secondary

* SSS – Sardis Secondary



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.





**Chilliwack
School District**
CAREER EDUCATION

Trades Sampler

The *Trades Sampler* program allows 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 ITA, 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 *U.F.V. Trades & Technology*, 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.

Trades Sampler is offered at G.W. Graham & Kw'iyeqel and is open to all students in the Chilliwack School District.

Trades Sampler students should...

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



ita | YOUTH

EXPLORE

TRADES SAMPLER





**Chilliwack
School District**
CAREER EDUCATION

Youth WORK in Trades

Over the last 30 years, the SD33 Trades Program has registered over 2000 apprentices with the Industry Training Authority (ITA). There are over 100 different trades to choose...from Carpenter to Hairstylist, 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)
- Earn up to 16 graduation credits
- Requires an application
- Off-timetable
- Must be employed in an ITA Apprenticeable trade
- Must be working with a qualified tradesperson
- Must be currently enrolled in Secondary School
- Students may qualify for a \$1000 cash award
 - Minimum 900 logged work hours
 - C+ average in all grade-12 courses

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

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WORK

IN TRADES





**Chilliwack
School District**
CAREER EDUCATION

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.

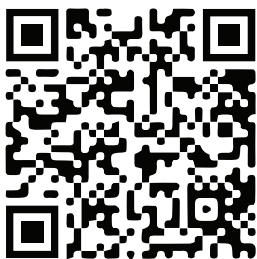
ECE 100 - Human Development 1

ECE 101 - Introduction to Early Childhood Education

Winter Courses at U.F.V.

ECE 102 - Introduction to Early Childhood Guidance

CMNS 125 - Communicating Professionally to
Academic & Workplace Audiences



UNIVERSITY
OF THE **FRASER VALLEY**

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 101 - Introduction to Early Childhood Education



Winter Courses at UFV

- ECE 102 - Introduction to Early Childhood Guidance
- CMNS 125 - Communicating Professionally to Academic & Workplace audiences



Pathway Summary

- 12 of the 43 credits for the full ECE Certificate Pathway
- Meets the requirements for the Early Childhood Assistant Certificate

Completing the ECAC Pathway

Students are eligible to apply for an Early Childhood 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.



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. 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-free, however students are required to pay ancillary fees and materials. Application process is competitive and space is limited. For more information check out the links below.

Hairstylist



Automotive



Welding



Who Attends: Students in their grade-12 year

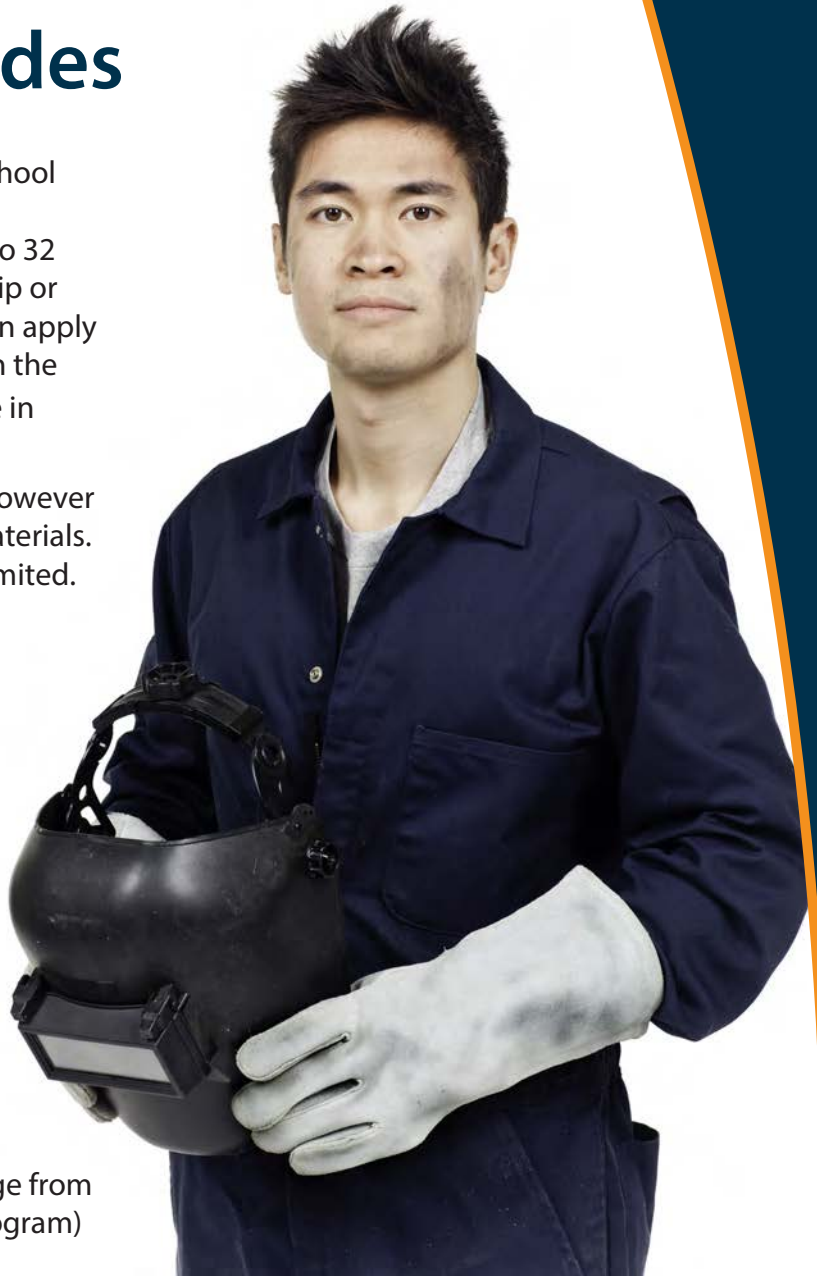
Facilitator: School Counsellor

Dates: Second Semester (February)

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

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

Application Date: March 1st of your grade-11 year.
See School Counsellor for Application.



PROGRAMS OFFERED AT SD33 SCHOOL SITES:

- Auto Service Technician @ Chilliwack Secondary & UFV
- Auto Service Technician @ Sardis Secondary & UFV
- Welding at Sardis Secondary, G.W. Graham & UFV
- Hairdressing at Chilliwack Secondary

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TRAIN

IN TRADES



Regional Career Programs

RCP 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 the University of the Fraser Valley in their Grade 12 year.

Students are required to meet the UFV 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-free, however students are required to pay ancillary fees and materials. Application process is competitive and space is limited.

REGIONAL CAREER PROGRAMS OFFERED AT U.F.V.

- Automotive Service Technician
- Auto Collision Repair and Refinishing
- Carpentry/Joinery
- Construction Electrician
- Heavy Mechanical Foundation
- Professional Cook
- Plumbing & Piping
- Welding
- Architectural Drafting Certificate
- Electronics Technician Certificate - Common Core





Rationale:

To support students' unique needs and programming requests, the Chilliwack School District has expanded their Online Learning program to provide two Online Learning choice options for our district.

Why?

Online Learning allows students the opportunity to:

- Work from home and learn at their own pace
- Make room in their timetable for the upcoming school year
- Complete a course required for graduation

What?

New for 2022-23! The Chilliwack School District is offering two options for Online Learning through FVDES and GWG and now has over 15 secondary courses to choose from.

FVDES Online Learning offers streamlined courses to accommodate and support at risk learners to earn course credits required for graduation.

Courses include:

- PHE 10
- CLE 10
- Social Studies 10
- Science 10
- Science for Citizens 11
- English First Peoples 12
- Social Justice 12

GWG Online Learning offers a variety of Grade 9-12 Mathematics and Sciences courses designed for mainstream students who require or desire these courses but may be unable to fit them into their timetable.

Courses include:

- Math 9
- Workplace Math 10
- Foundations of Math & Pre-Calculus 10
- Science 10
- Workplace Math 11
- Foundations of Math 11
- Pre-Calculus 11
- Life Sciences 11

How?

Students are encouraged to meet with their school counselor to ensure the online course fits their Graduation Plan and will meet their unique learning needs. Registrations for Online Learning can only be made by School Counselors.

Learn More:

For more information about Online Learning, please see your school Counselor, or check the Online Learning page under Programs on the School District Website (www.sd33.bc.ca).





Rationale:

The Chilliwack School District has expanded their Summer Learning Program for secondary students to provide a variety of learning opportunities, both academic and experiential, during the month of July and August.

Why?

The Secondary Summer Session allows students the opportunity to:

- Make room in their timetable for the upcoming school year
- Complete an outstanding course required for graduation
- Earn course credit over the summer

What?

Repair and Recovery Courses are intended for students with 35-49%, to obtain credit for courses they were unsuccessful in completing throughout the year.

Courses include:

- | | | |
|--------------------|---|---------------------------|
| • English 9 | • English 10 | • English 11 |
| • Science 9 | • Science 10 | • Life Sciences 11 |
| • Math 9 | • Workplace Math 10 | • Science for Citizens 11 |
| • Social Studies 9 | • Foundations of Math & Pre-Calculus 10 | • Workplace Math 11 |
| | • Social Studies 10 | |

Full Credit Courses are intended for students wishing to work ahead to earn credit over the summer or to complete an outstanding course required for graduation.

Courses include:

- | | |
|----------------------------|--|
| • Science 10 | • Outdoor Education 10-12 |
| • Social Studies 10 | • Culinary Arts 10-12 |
| • Life Sciences 11 | • Visual Arts 10-12 |
| • English Studies 12 | • Woodwork 10-12 |
| • Social Justice 12 | • Sustainable Agriculture Program 9-12 |
| • English First Peoples 12 | |

Learn More:

For more information about the Secondary Summer Session, including course descriptions and registration process, check the Summer Learning page under Programs on the School District Website (www.sd33.bc.ca).

