

Chilliwack Secondary School

Course Selection Calendar
2011-2012

Barbara Macfarlane

Cover Art by Brittany Matzek, Photography 12 Student 2010-2011

COURSE SELECTION CALENDAR 2011-2012



CHILLIWACK SECONDARY SCHOOL

46363 Yale Road, Chilliwack BC V2P 2P8

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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.

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 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 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

Rick Jones, *Principal*

Paula Gosal, *Vice Principal*

Dave Manuel, *Vice Principal*

Brian Fehlauer, *Vice Principal*

Counselling

At Chilliwack Secondary, each grade has a counsellor assigned who will remain with and monitor the students until graduation.

Counsellors for 2011-2012 :

Grade 10: Mr. C. Olafson

Mrs. Hill – Career Advisor

Grade 11: Ms. G. Beshara

Grade 12: Mr. J. Ogmundson

Counsellors are readily available to help you in all aspects of your time at Chilliwack Secondary and are especially resourceful during course planning. To assist you in making course choices, our counsellors will work with you from course selection in grade nine to graduation. Although each counsellor is responsible for a particular grade, all are available and prepared to work with all our students. The Career Advisor is also available to provide assistance with career exploration.

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Parent Advisory Council Message

Parents, we cannot stress enough the importance of being involved and giving guidance in the course selection process.

Keep this handbook and revisit it, along with visiting the CSS Career Counselling room with your student periodically throughout the year as their life directions almost always change. The next three years are exciting and important times for our children. Support them by being involved and staying informed.

Clara Hooper, President

GUIDE TO COURSE SELECTION

Planning for graduation and beyond begins well before grade 12.

In fact, it begins about the middle of your grade nine year as you begin the course selection process for grade 10. As you select your courses for grade 10 you must have in mind your educational goals and career aspirations for the future and choose your courses wisely.

In grades 10, 11 and 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.

If you require assistance with any aspect of your course planning, please seek assistance from parents, a teacher, grade counsellor or career advisor.

Consider the following when selecting your courses:

- Check the course index to become familiar with the course offerings.
- Read the course descriptions and highlight the courses which interest you.
- Use the GRADUATION REQUIREMENTS planning sheet.
- Plan ahead. Some colleges, technical school, and universities require that you have more than just a graduation certificate. Seek information from post-secondary institutions via publications and websites for admissions requirements.
- Make your course selections with prerequisites for future courses in mind. Some courses at CSS require that you take the introductory or lower level course first.
- Double check your plan to ensure you have met graduation and post-secondary requirements.
- Discuss your plan with a teacher, parents, and counsellor.
- Select your courses online during course selection week. Make sure you keep a paper copy of your selections for reference.

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 this sheet to plan your courses for graduation.

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

GRADUATION REQUIREMENTS	
GRADE 10 REQUIREMENTS	CREDITS
<input type="checkbox"/> English 10*	4
<input type="checkbox"/> Social Studies 10	4
<input type="checkbox"/> Science 10*	4
<input type="checkbox"/> a Math 10*	4
<input type="checkbox"/> PE 10	4
<input type="checkbox"/> PLANNING 10	
GRADE 11 REQUIREMENTS	
<input type="checkbox"/> English 11 or Communications 11	4
<input type="checkbox"/> Social Studies 11*, Civics 11* or BC First Nation Studies 12 *	4
<input type="checkbox"/> Bio 11, Chem 11, ESC 11, Phys 11, SCT 11	4
<input type="checkbox"/> a Math 11	4
GRADE 12 REQUIREMENTS	
<input type="checkbox"/> English 12 *or Communications 12 *	4
<input type="checkbox"/> _____ 12	4
<input type="checkbox"/> _____ 12	4
<input type="checkbox"/> _____ 12	4
<input type="checkbox"/> GRADUATION TRANSITIONS 12	4
FINE ARTS/APPLIED SKILLS REQUIREMENT	
<input type="checkbox"/> FINE ART _____ 10 / 11 / 12 OR	4
<input type="checkbox"/> APPLIED SKILLS _____ 10 / 11 / 12	
ELECTIVE COURSES	
It is recommended that a student takes an additional grade 12 class.	
<input type="checkbox"/> _____ 10 / 11 / 12	4
<input type="checkbox"/> _____ 10 / 11 / 12	4
<input type="checkbox"/> _____ 10 / 11 / 12	4
<input type="checkbox"/> _____ 10 / 11 / 12	4
ADDITIONAL COURSES	
<input type="checkbox"/> _____ 10 / 11 / 12	4
<input type="checkbox"/> _____ 10 / 11 / 12	4
<input type="checkbox"/> _____ 10 / 11 / 12	4
<input type="checkbox"/> _____ 10 / 11 / 12	4
<input type="checkbox"/> _____ 10 / 11 / 12	4
Total Credits	

* indicates that the class has a mandatory Provincial exam.

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

COURSE INDEX

BUSINESS EDUCATION

Accounting 11/12
Intro to Programming with Adobe Flash 11
Game Programming with Adobe Flash 12
Interactive Web Design with Adobe Flash
Catalyst 11
Business Computing with Microsoft Office
Entrepreneurship 12

HOSPITALITY

Culinary Arts: Cook Training 11/12
Tourism/Hospitality/Recreation 11/12

HUMAN SERVICES

Leadership Development 10/11/12
Family Studies 11/12
Psychology 11
Psychology 12

ENGLISH

English 10
English 10 Honours
English 10 (Literacy)
English 11
English 11 Honours
English 12
English 12 Honours
AP English 12: Literature and Composition
Writing 12
Communications 11
Communications 12

SOCIAL STUDIES

Social Studies 10
Social Studies 11
Social Studies 11: History Emphasis
Civic Studies 11
Geography 12
History 12
AP European History
Legal Studies 12
Comparative Civilizations 12
BC First Nations Studies 11/12
Global Studies /Social Justice 12

HUMANITIES OPTIONS

Media Studies 12
Philosophy 12
Journalism 12

INTERNATIONAL STUDIES

Introductory French 10
French 10
French 11
French 12
Beginner's Japanese 11
Japanese 11
Beginner's Spanish 11
Spanish 11
Spanish 12

MATHEMATICS

Apprenticeship and Workplace Math 10
Apprenticeship and Workplace Math 11
Foundations of Math 10 - Pre Calculus
Foundations of Math 11 – Pre Calculus
Applications of Mathematics 11/12
Principles of Mathematics 11/12

PHYSICAL EDUCATION

Physical Education 10/11/12
Physical Education 11A/12A Strength and
Conditioning
Athletic Leadership 11
Health and Fitness 11

SCIENCE

Science 10
Science 10 Honours
Biology 11
Biology 11 Honours
Biology 12
Biology 12 Honours & AP Biology
Chemistry 11
Chemistry 11 Honours
Chemistry 12
Chemistry 12 Honours & AP Chemistry
Earth Science 11
Geology 12
Physics 11
Physics 11 Honours
Physics 12
Physics 12 Honours & AP Physics
Science and Technology 11
Science Career Preparation 11/12
Health Sciences Academy/WEX Health Sciences
AP Environmental Science

COLLEGE PREPARATION (formerly AVID)

COLLEGE PREPARATION 10/11/12

TECHNOLOGY EDUCATION

Drafting and Design 11/12
Drafting 12: Architectural & Habitat Design
Electronics 11
Electronics 12
Metal Fabrication & Machining 11/12
Automotive Technology 11/12
Carpentry & Joinery 11/12

VISUAL AND PERFORMING ARTS

Art 10/11A/11B/12A
Drawing and Painting 11/12
Ceramics 11/12
Visual Arts: Media Arts 11/12 (Photography)
Studio Arts 11/12: Printmaking & Graphic Design
Studio Arts 11/12: Fabric and Fibre
Animation 11
Yearbook 11/12
Drama 10
Acting 11/12
Theatre Performance: Directing/Script Development 12
Drama: Film and Television 11/12
History of Film 12
Theatre Production 11
Theatre Production 12: Technical Theatre
Music 10: Concert Band
Instrumental Music: Concert Band 11/12
Instrumental Music: Jazz Band 11/12
Small Ensemble Performance 10/11/12
Choral Music: Vocal Jazz 11/12
Choral Music: Jubellation Handbells 11/12
Music Composition and Technology 11/12
Instrumental Music: Introductory Guitar 11
Instrumental Music: Advanced Guitar 12
Percussion Ensemble 10/11/12

OTHER LEARNING OPPORTUNITIES

Learning Assistance
Resource Program
Independent-Directed Studies 11A/12A
Guided Learning

Please note:

*AP – Advanced Placement Course

*Each course code has the prefix “M” which stands for “Ministry” authorized course. (i.e. English course code is MEN)

LEARNING OPPORTUNITIES

LEARNING ASSISTANCE/LEARNING STRATEGIES

LA

Learning Assistance at Chilliwack Secondary serves students with recognized learning disabilities or documented learning difficulties and seeks to develop school skills while assisting these students with their course work. Students enrolled in learning assistance classes, have a minimum of one class block in each two-day class cycle in a linear program, or one block each day for a semester program. Students are offered a learning assistance block based on the recommendation of counsellors or the School Based Team, and after careful review of their performance in school and results gathered from standardized tests. The learning assistance teaching staff prepares an Action Plan for Success for each student in the program. For additional information regarding Learning Assistance, please contact Shirley Dorish at 604-795-7295 or shirley_dorish@sd33.bc.ca.

RESOURCE PROGRAM

Students that attend the Resource Program at Chilliwack Secondary, have been identified by the Ministry as requiring a more specialized program than provided by Learning Assistance. Each student is provided with an Individual Education Plan prepared by a Special Needs teacher and other specialists in conjunction with parents or guardians. While the Resource Program focuses on Life Skills, all students are integrated into regular classes to the level of their capabilities. Funding is allocated on a graduated basis according to need in order to provide teacher assistant support for students. For additional information regarding the Resource Program, please contact Garth Buhr at 604-795-7295 or garth_buhr@sd33.bc.ca.

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 \$115.00 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. The following are Advanced Placement courses that are currently offered:

- **AP Calculus 12 (ACAL 12)**
- **AP English Literature & Composition 12 (AELC 12)**
- **AP Chemistry 12 (ACHE 12)**
- **AP Biology 12 (ABIO 12)**
- **AP Environmental Studies 12 (AENS 12)**
- **AP Physics 12 (APH 12)**
- **AP European History 12 (AHI 12)**
- **AP Physics (APH 12)**

GUIDED LEARNING

GRADE 12 STUDENTS ONLY

Prerequisite: By application, **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 government examinable courses, have good attendance and good behaviour. Students in Advanced Placement courses will be given priority. Grade 12 students may apply by completing an application available from their counsellor. They must also attach a letter to the Principal, Mr. Jones explaining reasons for this request and a commitment to use the time effectively. Students are required to develop a support plan in coordination with their teacher and maintain a log of their activities throughout the year. Please note that attendance is mandatory.

INDEPENDENT DIRECTED STUDIES

IDS 11A/IDS 12A (1 to 4 credits each)

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 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.

For example, outside of class time:

1. A student investigates more challenging aspects of calculus.
2. A student completes a study of the affect 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.

WORK EXPERIENCE 12

See your counsellor before enrolling in Work Experience 12.

This course will allow students to:

1. Explore a career of interest
2. Gain “on the job” experience
3. Network with professionals
4. Gain job readiness skills
5. Cover several components of Grad Transitions 12 to include :
 - 80 hours work experience
 - Resume writing
 - Interview skills

The course consists of:

- 30 hours of employment skills
- 90 to 100 hours of work experience

Work experience job placement possibilities include:

ART - Graphic artist, Mural painter, Animator, Brochure/poster designer, Community/city art work

BUSINESS (General & Applied) - Accounting, clerical, Marketing, Event planning, Banking

CARPENTRY and JOINERY - Construction worker, Cabinet maker

CHILDREN SERVICES - Daycare, Pre-school, School teacher

CULINARY ARTS - Cook

DRAFTING - Draftsman, Architect, Engineering firms

ENGINEERING FITNESS & RECREATION - Fitness Trainer, Recreation Worker

HEALTH SCIENCE - Nurse, Veterinarian, Dental assistant, Lab technician

JOURNALISM - Local newspaper writer

LAW - Police officer, Lawyer, Politician

MECHANICS (and COMPUTER SYSTEMS TECHNICIAN) - Mechanic, Auto body worker

MEDIA ARTS - Website designer, Animator

MUSIC

SCIENCE (General & Applied) - Dental office, Pharmacist, Physio-therapist, Vancouver Aquarium

TEACHING - Elementary school teacher

THEATRE - Local Theatre Company, Small television companies

TOURISM - Hotel management, Marketing, Tour Companies, Restaurants

SECONDARY SCHOOL APPRENTICESHIP & ACE-IT

(Accelerated Credit Enrollment in Industry Training)

If you are interested in a career in the trades you may be able to register in Apprenticeship or ACE-IT or both programs.

Secondary School Apprentice (SSA)

Earn while you learn and receive credit.

The Secondary School Apprentice program is designed for high school students who are currently employed or seeking a job in a trades that hires apprentices. (Examples include: construction workers, cooks, mechanics, and auto body)

This program will allow students to:

1. Gain high school credit (every 120 hour of work earns 4 credits to a maximum of 16 credits)
2. Get a head start in receiving apprenticeship credit towards the completion of the “on the job” component of the Industrial Training Program
3. Earn money and learn valuable skills doing a job you love
4. Be eligible for \$1000 scholarship upon completion
5. Complete Grad Transitions 80 hours work experience

ACE-IT

ACE-IT (Accelerated Credit Enrollment in Industry Training) is an industry training program for high school students. Through an ACE-IT program, students take courses that will give both high school credits and a head start towards completion of an apprenticeship program. ACE-IT programs are sponsored by the school district and post-secondary institutes. **Students may enroll in ACE-IT if they have NOT completed graduation requirements and are age 19 or under (must complete prior to 20th birthday)** ACE-IT courses are specifically designed to meet standards required to achieve level one certification of the technical training (in class) component of the Industrial Training Program.

This program will allow students to:

1. Specialize in an area of interest
2. Gain high school credit
3. Receive post secondary credit
4. Develop job readiness skills
5. Network with other professionals
6. Complete Grad Transitions 80 hours work experience

Presently in British Columbia there are nearly 200 apprenticeable vocations. More information can be obtained from Mr. Colin Mitchell, Apprenticeship Coordinator at 604-858-9424, or see **Chef McDougall regarding the ACE-IT Cooking program and see Mr. Priebe regarding the ACE-IT Welding program.**

CAREER INFORMATION CENTRE

(Located in the Counselling Centre)

The CSS Career Centre offers current information and on-line access to post-secondary institutes, careers, course planning and scholarships. Students and parents are encouraged to drop-in or make an appointment to research and explore options for graduation and beyond.

Please contact Mrs. Carol Hill
(Career Advisor) by phone (604)-795-7295 or email
carol_hill@sd33.bc.ca.
Current scholarship information can be viewed online at css.sd33.bc.ca.

CHALLENGE, EQUIVALENCY AND EXTERNAL CREDIT

Provision is now made for students to obtain credit for prior learning through Challenge, Equivalency and External Credentials.

CHALLENGE

Challenge is a process students can use to receive credit for Ministry-Authorized, Board/Authority Authorized Grade 10, 11 or 12 courses via an assessment of undocumented prior learning. It is appropriate in cases where documentation is not available for an equivalency review.

Only those students who can provide compelling evidence that they have already obtained the learning outcomes of a course, that they will succeed in the challenge, and that the challenge is in their best interest, will be permitted to challenge a course. The process of challenge will involve extensive and varied demonstrations that indicate that all learning outcomes of a course have been achieved. It is anticipated that only a very small number of students with particularly unique backgrounds will attempt a course challenge.

To challenge a course, students must apply by May 1 for courses beginning the following September, must meet with a counselor and be approved by the principal. If the course has an exam, students must write the exam as part of the challenge process.

COURSE EQUIVALENCY

Course equivalency is the process of receiving credit based on documentation indicating that the student has achieved the learning outcomes for an approved Grade 10, 11 or 12 course at an outside institution.

Conditions:

- Student must provide documentation of successful completion of course
- Course must match a minimum of 80% of the prescribed learning outcomes as described in the IRP document
- Course must be taken outside the regular BC school system
- Course satisfies different learning outcomes other than those for which the student has already received credit.

Note: Students who have been educated in one of 6 languages other than English, (French, German, Japanese, Punjabi, Spanish or Mandarin) and who have successfully completed one or more years of junior secondary education outside of Canada, usually have met or exceeded the learning outcomes of BC's second language course.

EXTERNAL COURSES

The Ministry will accept External courses, an organized set of learning activities developed or offered outside the British Columbia School System, as a Ministry authorized course. For more detailed information students should contact their counsellor. Some courses that may be of an equivalent standard to other Ministry authorized senior secondary courses include:

Music: BC Conservatory of Music, Conservatory Canada, Royal Conservatory Music, Victoria Conservatory Music, Trinity College-London

Dance: Jazz, Cecchetti, Tap, Modern Theatre Dance, Royal Academy of Dancing

Drama: Speech and Effective Communication: Trinity College: Drama, Effective Communication and Speech and Drama

Post Secondary: Various college and university courses.

Languages: challenge, equivalency and external language credit

Sports: Athlete, Coach, Official

Youth Development: Cadets, 4-H, Guides, Scouts

Industrial and Occupational: Tourism, Wood products, Lifesaving, Red Cross Water Safety Instructor, First Aid, Computer Certification, ICBC Driver Education, Canadian Private Pilot's License

For more information, please see a counsellor or the Principal.

http://www.bced.gov.bc.ca/exams/handbook/1011/handbook_of_procedures.pdf

BUSINESS EDUCATION

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.

4 credits (AS)

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.

4 credits (AS)

BUSINESS COMPUTER

WITH MICROSOFT OFFICE 2010

MBCA11 Prerequisite: None

This course is intended to equip students with fundamental knowledge of using the Microsoft Office 2010 Suite, which includes Word (word processing), Excel (spreadsheet), Power Point (slideshow), Access (database), and Outlook (email). This course also trains students to achieve employable keyboarding speed (50+wpm). This course is tailored for students who are pursuing careers in business, science and information technology fields.

4 credits (AS)

PROGRAMMING WITH ADOBE FLASH

MICTP 11 Prerequisite: Foundation Math10 (C+ or better) or BCA11 (B or better)

The course is focused on creating internet rich application using Adobe Flash, which includes creating flash animation of text and images with tween, bone tool, incorporating media files into flash project, and publish the project into different portable devices such as iPad, PSP or cellphone. This course is also emphasized on cultivating programming sense by developing logic and algorithmic processes using Actionscript3. With Industry standard material and certified instructor, students are expected to be able to pass Adobe Certified Expert exam at end of this course. This course is tailored for students who are pursuing career in art, science and information technology fields.

4 credits (AS)

INTERACTIVE WEB DESIGN WITH ADOBE FLASH CATALYST

MICTM 11 Prerequisite: None

This course is tailored for students with art, science and business affinity to explore and experience creation of internet rich application (interactive flash enabled website) via Adobe Flash Catalyst. This course enables students to turn their creative ideals into interactive application, to share and showcase their artwork (photograph/video) and business ideas with the world via internet, and create interactive digital portfolio for potential employers. This course also covers "common sense" of what is safe to publish to the internet, and how to respect copyrights.

4 credits (AS)

GAME PROGRAMMING WITH ADOBE FLASH

MICTP 12 Prerequisite: ICTP11 (C+ or better)

As a continuation of ICTP11, this course furthers students' knowledge of programming and animation by exploring modern programming concepts of Object Oriented Programming. Student will create games and applications for many purposes. Incorporation of physics behavior and 3D elements will also be discussed. This course is tailored for students who are pursuing careers in art and information technology.

4 credits (AS)

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.

4 credits (AS)

HOSPITALITY

CAFETERIA TRAINING 11/12

MCAFT 11/12 Prerequisite: None

This course is designed to give a basic overview of what it takes to work in a restaurant and banquet style kitchen. Areas of study include: basic cooking and baking skills, proper uses of a chef's knife, proper use and care of kitchen equipment, dish sanitation, etc. **Food Safe Level I** is covered and students will receive a certificate upon completion of a 3-month practicum. Students are required to participate in two banquets which combined with the class experience will provide the students with a well-rounded introduction to the world of cooking.

4 credits (AS)

CULINARY ARTS: COOK TRAINING 11

MCKT 11 A/B/C Prerequisite: Recommendation of instructor required.

This course runs simultaneously with CAFT 11/12. Students who excel in the Cafeteria program may wish to enroll in cook training to start the foundational work towards ACE-IT Level 1 Cook training certificate.

4 credits (AS)

MCOOK TRAINING LEVEL 1:

ACE IT DUAL CREDIT PROGRAM MCKT 11/12

Prerequisite: Cook Training 10 and approval

In partnership with Cascade Culinary School, Chilliwack Secondary is offering the Level 1 Cook Training Certificate. Upon successful completion, students will have:

- industry recognized certification
- 16 credits towards graduation
- additional 16 credits if registered in the Secondary School Apprenticeship Program
- basic food preparation skills required by industry.
- the job-ready skills required to enter the industry and to pursue further training in this area of specialization

Students wishing to enter this program must contact Mr. McDougall for more information.

4 credits (AS)

Tourism/Hospitality/Recreation 11

MTRM 11 Prerequisite: None

The focus of the tourism/hospitality course is to expose students to the rapidly expanding tourism industry in British Columbia as well as the extended global community. The course will include skill development in computers. Advertising and publication design combined with exposure to the

British Columbia industry. Students will focus on the 8 tourism sectors and create promotional campaigns for each along with development of corporate identity and branding. The course strives to assist students in preparing for an internet savvy, e-commerce focused society and to examine potential professional career fields within the tourism sector.

4 credits (AS)

Tourism/Hospitality/Recreation 12

MTRM 12 Prerequisite: Tourism 11

The course focus is to expand on skills and knowledge attained in the Tourism 11 course. Students will continue to develop computer and presentational skills pertinent to effective tourism marketing and brand development. This cohort will also have the opportunity to participate in 120 hours of Career Work Experience. Students will examine many key issues relevant to modern travel. Areas will include, security in a post 9/11 society, the role of travel agencies in a self-serve world, public relations concerns and possible reservations booking systems. Students will choose an area from the 8 sectors and produce a major project for a selected field – approval by instructor.

4 credits (AS)

HUMAN SERVICES

HUMAN SERVICES 11/12

MHS 11/12 Prerequisite: By application or by recommendation

Human Services is a practical application of peer tutoring skills. Students will receive training in peer tutoring skills. Students will be assigned to various classrooms throughout CSS and may be placed at Chilliwack Middle to assist classroom teachers. Students will be required to volunteer 10 hours of tutoring outside class time during Study Hall at lunch and after school. The evaluation will include a tutoring log, self-reflective journal, monthly assignments and self/teacher evaluation.

4 credits (AS)

LEADERSHIP DEVELOPMENT 10/11/12

YIPS 10/11/12 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.

4 credits

PSYCHOLOGY 11

YPSY 11 Prerequisite: None

Psychology 11 is a survey of the various factors influencing behaviour including biological foundation of behaviour, perception, learning and memory, motivation and emotion. The study of psychology will be based on social behaviour using the scientific method. This course will stress such topics as personality, motivation, emotions, growth and development, mental health, mental illness, and social behavior. This course is divided into three main sections:

1. Understanding human psychological development
2. How our behaviour impacts upon others.
3. A study of certain psychological disorders

4 credits

PSYCHOLOGY 12

YPSY 12 Prerequisite: Psychology 11

This course will provide you with a deeper study of the field of psychology. The course will review a number of the topics covered in Psych 11 including: gathering data on the causes and correlates of behaviour, key figures in psychology and their theories, examples of research findings from the major sub-areas of the field, and using psychological knowledge to improve the quality of our lives. You will be exposed to a greater number of major areas of psychology including, but not limited to, social, cognitive, developmental, and biological psychology. The goal is that students will gain an understanding of: 1) how psychologists think, 2) what psychology really is, 3) the basic areas with which psychology deals, and 4) the way psychology relevant in your own life. Psych 12 will look deeper into major concepts and terminologies of the discipline, and give you a better understanding of self and others. We'll continue to use a combination of lectures, video clips, demonstrations and games, and miscellaneous experiences to gain insight to our psyche (be on guard!).

4 credits

FAMILY STUDIES 11

MFM 11 Prerequisite: None

The Family Studies 11 course is designed to provide students with a better understanding of themselves and our society. Skills such as communication and decision-making will be developed as we explore a wide variety of topics ranging from Self Awareness to Human Physiology. Family Studies 11 focuses on human development from conception, through pregnancy and child development, to adolescence. This course also incorporates a wide range of current interest topics as they relate to the course content. Activities include assignments, individual and group projects, journal writing, "egg parenting" and play school planning.

4 credits (AS)

FAMILY STUDIES 12

MFM 12 Prerequisite: Family Studies 11

Family Studies 12 is a course designed to assist students in developing a greater understanding of themselves in relation to others. Throughout this course, students will examine how they communicate, make decisions, set goals and function in their relationships. Family Studies 12 explores human development from adolescence to old age, and includes units on families in various cultures, housing needs, space planning and interior design. Activities include assignments, individual and group projects, field studies and class discussions.

4 credits (AS)

IDS – Independent Directed Studies

BEYOND PSYCHOLOGY 12 Prerequisite: Psychology 12

This course was created to accommodate those students who (having completed both Psych 11 and 12) desire to continue studying the field of psychology. As an IDS this program will follow a university model of pods or cohorts as students work independently and together to cover the prescribed material. Completion of the course material will equal 4 credits (1 for every 30hrs of work). Topics to be covered in Beyond Psych 12 includes Brain Development, Therapy, Social Psychology: Social Thinking, Social Relations, Psychology in the Real World. Course will include four research/presentation study projects:

1. **Personality Theory:** research paper on one psychology theorist from the "Boeree" list.
2. **Biosocial Approach:** written paper on a topic from George Boeree's new Biosocial Approach book.
3. **Research Student choice:** research paper on approved psychology related topic
4. **Group Project** "pod or cohort" will do a book review of a contemporary psychology related book. Written paper and PowerPoint presentation.

4 credits

ENGLISH

ENGLISH 10

MEN 10 Prerequisite: None

Students will build on skills developed in the preceding year; investigate literary themes, techniques and terminology; and develop insight about literature. Short stories, novels, essays, poetry, modern drama, and a Shakespearean play make up the literature component of the grade 10 course. Teachers will organize the material to suit the needs of various classes. Activities will be employed in fashioning the course so as to suit a wide range of student abilities. Students will undertake a considerable amount of writing: some personal, some in response to the literature, some creative. In addition to improving their writing skills, students will develop expertise in editing and in improving their critical and analytical thinking.

20% of the course mark is dependent on a final Provincial Exam.* **4 credits

ENGLISH 10 HONOURS

MEN 10 H Prerequisite: B minimum in Hum 9, strong commitment to Language Arts

The Honours English 10 course is for students in grade 10 who have an avid interest in English Literature and Language Arts. The primary focus of the course is not to overload the student with work, but to complement the grade 10 curriculum with elevated class discussions, projects, writing assignments, and literature. Specifically, there will be an even greater emphasis on enhancing students' critical thinking, synthesis, and writing skills, thus enhancing a students' success across the curriculum. Students considering entering this course should show a certain level of maturity in the classroom and beyond. See Mr. Pink or Ms. Morris for details.

20% of the course mark is dependent on a final Provincial Exam.* **4 credits

ENGLISH 10 (LITERACY)

MEN 10L Prerequisite: Placement is based on the recommendation of counsellors, on the student's grades and performance in Grade 9 English and their performance on a standardized test of reading ability.

English 10 (LITERACY) is an adapted English Language program designed to prepare students to enter Communications 11. This course focuses on developing and improving language skills through reading, writing, and working with the structure of the English language. Course content is designed within the framework of the regular English 10 program; using materials appropriate to the students placed in EN 10L. Some students may be ready to move onto Communications 11 on completion of En 10L. Students who reveal potential for attempting a regular English program will be encouraged to enroll in the EN10 program after completion of EN 10L. **20% of the course mark is dependent on a final Provincial Exam.* **4 credits**

ENGLISH 11

MEN 11 Prerequisite: English 10

Students will build on skills developed in the preceding year. Students will investigate literary themes, techniques and terminology in greater depth. A more mature insight of literature will be expected. Short stories, novels, essays, poetry, modern drama, and a Shakespearean play make up the literature component of the grade 11 course. Activities will be employed in fashioning the course so as to suit a wide range of student abilities. Students will undertake a considerable amount of writing: some personal, some in response to the literature, some creative. In addition to improving their writing skills, students will develop expertise in editing and in improving their critical and analytical thinking.

4 credits

ENGLISH 11 HONOURS

MEN 11 H Prerequisite: English 10

If you can write a decent essay, know what an adjective is and would like to spend more of your time in class discussing and writing about challenging ideas, then consider taking English 11 Honours. We will study works like the Nobel Prize winning novel Lord of the Flies, Shakespeare's play Macbeth, John Knowles' classic A Separate Peace, poetry that needs a second reading and short stories that make you think. Our goal is not to do more work, but to do the work in greater depth so that you might choose to go on to either Advanced Placement Literature and Composition/En 12 or Literature 12/En 12.

4 credits

ENGLISH 12

MEN 12 Prerequisite: English 11

Students will build on skills developed in the preceding year. Students will develop a thorough understanding of literary themes, techniques and terminology. Short stories, novels, essays, poetry, modern drama, and a Shakespearean play (should time permit) make up the literature component of the grade 12 course. Teachers will organize the material to suit the needs of various classes. Activities will be employed in fashioning the course so as to suit a wide range of student abilities and to build skills for the world of work, to instill in students a life-long love of and appreciation for literature, and to prepare students for the requirements of the government examination. Students will undertake a considerable amount of writing: some personal, some in response to the literature, some creative. In addition to improving their writing skills, students will develop expertise in editing and in improving their critical and analytical thinking.

40% of the course mark is dependent on a final Provincial Exam.* **4 credits

AP ENGLISH LITERATURE AND COMPOSITION/

MENGLISH 12

AP EN LIT & COMP/EN 12 (AELC 12)

Prerequisite: EN11

AP English is a university course given in a high school setting. You will be required to read and write in greater depth than a regular English 12 student, to write more but not do more homework. You will do reading and some writing outside of class (there is a summer reading assignment, for instance); however, most of the writing will be done in class. Students will be expected to read several novels outside of class time. Students contemplating taking AP English/English 12 should be "A" or "B" students in English 11, preferably Honours English 11. In-class assignments and discussion, projects, and formal literacy analysis form the basis of 100% of the Advanced Placement English 12 mark and 60% of the EN 12 mark (the other 40% comes from the Provincial Exam). The EN 12/AP course has two formal exams. The first is written in May and results in credit or advanced placement in participating colleges and universities. The second exam, written in June, is the provincial English 12 exam which all academic students are required to write. **You will have to write both the AP exam in May and the English 12 exam in June.** This course is a **linear** course and, there is a fee which covers the external exam from College Board.

8 credits

HONOURS LITERATURE 12/ENGLISH 12

MLIT 12H/EN 12 Prerequisite: En11

For students who do not want the expense, stress and more formal academic rigor of the AP English course, but still want to take a course which deals primarily with literature, we offer Honours Literature 12/English 12. This course follows English literature chronologically, from Beowulf to Margaret Atwood, encountering greats like Chaucer, Shakespeare and Jane Austen on the way. Students should already have the ability to write an effective essay, as the course concentrates primarily on literature. Students will be required to write **both** the Literature 12 and English 12 provincial exams.

8 credits

WRITING 12

MWR 12 Prerequisite: English 11 or Communications 11 or special permission from Instructor.

This course is designed for students who have demonstrated above-average ability in creative writing (prose, poetry, drama). Students should be able to demonstrate mastery both of the mechanical skills required for writing and an understanding of the conventions of the language. This course will allow students to enhance and embellish their skills in writing in various genres. Students will be expected to revise and polish their work to a level suitable for publication. Students are also required to submit a minimum of 4 works for publications. Writing 12 utilizes a “portfolio assessment” approach. Evaluation is based on a student-developed criterion using “creative writing units” as a basis for measurement. **4 credits**

HUMANITIES OPTIONS

MEDIA STUDIES 12

YMES 12 Prerequisite: Gr. 11 and 12 students

This course will investigate, in creative ways, issues in media that affect you and your world. Topics will include music, videos, movies, the net (including blogs) and print media. Students will be asked to look at various media in order to discover how they feel media, in all its forms, impacts on their world. Due to the interactive nature of the subject matter, the emphasis for marking will be on group presentations, using a variety of methods, including dramatizations and videos. Group/class discussions and debates will also play a central role in course outcomes. You may be asked to start your own blog. There will be a written component to each unit.

4 credits

Note: Course is only offered in alternating years. The next Media Studies offering is tentatively scheduled for the 11/12 school year.

COMMUNICATIONS 11

MCOM 11 Prerequisite: EN 10 or EN 10 Literacy and Teacher Recommendation.

*This course will **not** qualify students for entry into academic post-secondary institutions. It does qualify the student for high school graduation and for entry into vocational-training/career programs at regional colleges.*

This course continues the skill-building approach. Emphasis is placed on communications in the work place and on reading for information. Students are required to write three to four multi-paragraph compositions and to demonstrate competence in reading, listening, and speaking. These skills will be built around projects in applied communications such as solving problems, giving directions, and networking in the work place. **4 credits**

COMMUNICATIONS 12

MCOM 12 Prerequisite: Communications 11 or English 11 and Teacher Recommendation.

*This course will **not** qualify students for entry into academic post-secondary institutions. It does qualify the student for high school graduation and for entry into vocational-training/career programs at regional colleges.*

This course continues a skill-building approach to English. Emphasis is now placed on writing for the world of work. A significant proportion of the course is review and coaching for government exam standards and reading for information and its application to the real world. Students are required to write a minimum of four multi-paragraph compositions and to demonstrate competence in reading, listening, and speaking. Individual and group projects will be designed around career change, retraining, and upgrading during a lifetime of learning. ***40% of the course mark is dependent on a final Provincial Exam.** **4 credits**

PHILOSOPHY 12

YPHIL 12 Prerequisite: Open to Grade 11 and 12. It is recommended that students have at least a “B” in English and Social Studies to be successful.

Are you a person who likes to ask “why” rather than simply “when”? Philosophy 12 may be for you! This course examines the nature of reality and answers questions such as the following: What is true? How do we know? and What is right? Activities include debates, seminar discussions, and personal research. **4 credits**

Note: Course is only offered in alternating years. The next Philosophy offering is tentatively scheduled for the 12/13 school year.

JOURNALISM 12

YCCT-1D 12 Prerequisite: C+ or higher in English 10 or permission of the instructor.

Journalism will introduce students to the study of journalism, with attending to writing, photography, newspaper design, current events, computer skills, business and ethics. This full-year course will provide the students the opportunity to produce a professional-quality, student-directed newspaper covering issues that relate specifically to Chilliwack Secondary School, neighboring schools, and to teenagers in general. Journalism 11 will acquaint the students with the types and effects of mass media, the attributes of quality journalism, and the technical processes involved in the publication of a local newspaper. Students will learn the basic principles of researching, writing, and editing news for the public. They will develop their skills of writing and editing by checking for conventions of diction, punctuation, and spelling. **4 credits**

SOCIAL STUDIES

SOCIAL STUDIES 10

MSS 10 *Prerequisite:* Social Studies 9

The aim of this course is to examine British North America and Canada from 1815-1914. Social Studies 10 themes will enhance student understandings of how politics and laws evolved, society and culture changed, economics and technology expanded, and present geography/environmental concerns. Students will improve their reading and writing skills, critical thinking skills, map reading skills and apply their knowledge of social issues. Students are expected to complete daily homework and be prepared to participate and contribute in class discussions.

20% of the course mark is dependent on a final school exam.* **4 credits

SOCIAL STUDIES 11

MSS 11 *Prerequisite:* Social Studies 10

The aim of this course is to examine Canada's evolving domestic and foreign policies as a multicultural nation from 1914-2007. Social Studies 11 themes will examine the interrelations of society and culture with governments, Canadian Laws, fluctuating economics, technological advancements and global environmental concerns. Canada's present interaction in world affairs will also be interpreted to predict our potential participation in future world events. Students will develop reading and writing skills and critical thinking skills using a variety of resources to understand causal relationships. Other skills to be improved include map reading, daily homework and analysis of video materials and photo images.

20% of the course mark is dependent on a final Provincial Exam.* **4 credits

SOCIAL STUDIES 11 (History Emphasis)

MSS 11H *Prerequisite:* Social Studies 10

The aim of this Social Studies 11 course is to prepare students who are interested in pursuing History 12 or Advanced Placement European History. Students study Canada's role in international affairs, from World War I to the post-Cold War world, important domestic issues, such as the Great Depression and its impact on government policy, and the Constitutional Crisis and Quebec's place in Confederation. Guest speakers, projects and presentations enable students to focus on their role as individuals in society and their impact on the global community. Enriched skills and content will include historiography, different approaches to history, historical context and interpretation of primary, secondary and visual sources.

20% of the course mark is dependent on a final Provincial Exam.* **4 credits

CIVIC STUDIES 11

MCIV 11 *Prerequisite:* Social Studies 10

The aim of this course is to examine the evolution of government ideologies found globally and government structures and political parties found nationally. Students will analyze Canadian political history, electoral systems, and Canada's Legal System. Students will evaluate how political decisions are made and how their applications affect its citizens. Students will develop reading and writing skills and critical thinking skills using a variety of resources. Civic Studies 11 will analyze and interpret Canada's role in global issues including human rights, world environments, world trade and foreign aid. This course will identify civic duties and potential opportunities for students to apply their knowledge as informed decision-makers to relevant issues that exist for Canadians as citizens of the world.

20% of the course mark is dependent on a final Provincial Exam* **4 credits

GLOBAL STUDIES/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.

20% of the course mark is dependent on an Action project. There is no final exam.* **4 credits

GEOGRAPHY 12

MGE0 12 *Prerequisite:* Civic Studies 11, Social Studies 11 or BC First Nations Studies 12

Geography 12 investigates the interactions of the lithosphere, hydrosphere, atmosphere and biosphere. This is through an examination of the living Earth's physical and human landscapes, spaces and environments. As an ever-increasing world population puts more and more demands on the planet's resources, students need to be able to make informed decisions about the sustainability of the earth's resources and the future of the planet. Stewards of the planet are needed. Making many of these decisions requires the acquisition of knowledge and skills acquired when studying the earth's economic, social and physical systems. Additional skills learned include interpreting topographical maps, designing lessons, and creating interactive presentations.

20% of the final course mark dependent on a case study project.* **4 credits

HISTORY 12

MHI 12

Prerequisite: Civic Studies 11 or Social Studies 11

This is a global history of the twentieth century in which students will analyze the political, economic and social issues within and between various regions of the world. The course begins with the aftermath of the Great War, including the Russian Revolutionary period and the repercussions of the Paris peace treaties. We then examine the salient events of the inter-war years, especially neocolonial movements and the Great Depression, which give way to World War II. This is followed by in-depth coverage of the Cold War as well as the predominant domestic and foreign policies of the world powers. The course concludes with a detailed study of the New World Order created by the dissolution of the USSR, including recent crises, and what they suggest about political, economic and social policies today. 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.

40% of the course mark is dependent on a school final exam or a final Provincial Exam* **4 credits

AP European History

AHI *Prerequisites:* Socials 11, or Civics 11, or BC First Nations Studies 12

Students who take Advanced Placement European History will be able to get double credit for this course because it meets the requirements of History 12. Advanced Placement European History is a challenging course that 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 presents a challenge to students who are well-motivated. Students study the period from the Renaissance to the French Revolution, followed by the dramatic events of the nineteenth century, including prominent social and political forces, 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 I and World War II 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. **8 credits**

LEGAL STUDIES 12

MLAW 12 Prerequisite: Socials 10

The aim of this course is to encourage students to analyze the Canadian Legal System. Students will study and interpret civil and criminal laws with support of a textbook, videos, class discussions, debates, mock trials and internet research. Students will develop reading and writing skills and critical thinking skills using a variety of resources to understand casual relationships and position papers. Law 12 topics include the Canadian Criminal Code, Youth Criminal Justice Act, Constitution, contracts, wills, torts and employment laws. Various guest speakers and a courthouse visit 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.* **4 credits

BC FIRST NATIONS STUDIES 12

MFNS 12 Prerequisite: Social Studies 10

BC First Nations 12 examines the impact of contact, religion, and colonialism on the social structures, economies, and education of BC First Nations. Students will examine the significance of the oral tradition in First Nations society. The course also reads and interprets literature written by Aboriginal authors. This is to gain an understanding of the importance for Aboriginal people to control the development of their artistic traditions and examine the significance of Aboriginal identity and self-determination. Approximately 30% of the course will focus on the Sto:lo whose traditional territory that has included the Chilliwack area for thousands of years.

4 credits for FNS 12 or SS 11 or Civics 11

4 credits

PLANNING

PLANNING 10

MPLAN Prerequisite: None

As a graduation requirement, this course incorporates the following topics:

- Preparing for Takeoff: skills for success in school, graduation Program (course requirements, exams, focus areas)
- Education and Careers: post-secondary education and training, exploring possible careers, employment standards and workplace safety, school, family, and community resources
- Money, Money, Money: costs of education and career options, personal finances, budgeting, credit and debt
- Alive and Well: lifestyle and wellness, nutrition, substance abuse awareness, healthy relationships/sexual decision making, driving safety

4 credits

NOTE: Planning 10 may be offered as a hybrid course in conjunction with FVDES. Two credits are allocated to a course "ConnectEd", a pre-requisite course for any FVDES courses. ConnectEd offers fundamental understanding of using browser, working with files in an operating system, email system, and navigating FVDES course pages. The remaining four credits are allocated for Planning 10 topics. **2 credits + 4 credits (6)**

COLLEGE PREPARATION

(Formerly known as AVID)

College Preparation is a program designed to help underachieving students with high academic potential prepare for entrance into colleges, trades programs, and universities. The program features rigorous academic elective courses with a sequential curriculum for grades 10 – 12 that focus on writing, inquiry, reading and collaboration as methodologies to accelerate student progress. Tutorials are also included throughout the course to allow students to work on difficult questions for other courses they are in. Organization, study strategies, and time management skills are developed throughout the College Preparation program. Students will go on at least one field trip each year to colleges or career fairs help them make decisions about their future. Typical students in the program have a C - B average, and have a strong desire to do better.

College Preparation 10

Prerequisite: Application form or teacher recommendation

At the grade ten level this course replaces Planning 10. It focuses on students that want to be successful in high school, but have some difficulty doing so. In addition to the Planning 10 curriculum, students also do tutorials, focus on writing and reading, and learn to get more organized. **4 credits**

College Preparation 11

Prerequisite: College Preparation 10 or teacher recommendation

Students will focus on academic success as well as start making decisions about post-secondary. The course is dedicated to finding careers and colleges of interest to the students. It also focuses on improving writing skills and continues the use of tutorials.

INTERNATIONAL STUDIES

INTRODUCTORY FRENCH

MBFR 11 *Prerequisite:* None

Introductory French is designed for students who may not have taken French in Middle School. Successful completion of this course should provide students with a level of competence that will allow them to successfully communicate in French, learn basic grammatical structures and common vocabulary. There will also be opportunities throughout the course for students to learn about the values and customs of French speaking people. This course is valuable for anyone wishing to travel to French speaking regions or work in French environments. Introductory French is a four credit Grade 11 course and will allow students to proceed into either French 10 or French 11. **4 credits**

FRENCH 10

MFR 10 *Prerequisite:* French 9 or Introductory French

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 it will be invaluable to them when traveling or seeking employment. **4 credits**

FRENCH 11

MFR 11 *Prerequisite:* French 10 or (or Introductory French with permission of teacher).

This program further develops second language learning by providing students with opportunities to enhance their speaking and writing skills. *French 11 meets university entrance language requirements.* **4 credits**

FRENCH 12 -Conversation, Culture and Media

MFR 12 *Prerequisite:* French 11

This course is largely geared towards conversation and interaction in a multimedia context. Against the backdrop of French culture, film, television and other media, students will develop their French speaking abilities applicable to a variety of situations. Whether pursuing a career where a second language is required, wishing to travel or just wanting to speak another language, taking this course is a great step toward your goals. This is a provincial exam course. **4 credits**

INTRODUCTORY SPANISH 11

MBSP 11 *Prerequisite:* None

Spanish is now considered to be the second most important commercial language in the world and third in terms of actual numbers of speakers. Students will learn the basic grammatical structures and common vocabulary 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. **4 credits**

SPANISH 11

MSP 11 *Prerequisite:* Introductory Spanish 11 or Written Exam

This course is largely geared towards spoken production and interaction. Against the backdrop of Spanish culture, students will develop their Spanish 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 Spanish language skills and understanding of Spanish culture through various forms of media. **4 credits**

SPANISH 12

MSP 12 *Prerequisite:* Spanish 11

This course offers students meaningful second language learning on a higher level and is largely geared towards conversation and interaction in a multimedia context. Against the backdrop of Spanish culture and current affairs, students will develop Spanish speaking abilities applicable to a variety of situations as they examine Spanish literature and printed media sources. The students will also develop advanced reading and writing skills. Whether pursuing a career where a second language is required, wishing to travel or just wanting to speak another language, taking this course is a great step toward your goals.

Optional provincial exam worth 40% of the course mark. Spanish 12 meets university entrance language requirements. **4 credits**

INTRODUCTORY JAPANESE 11

MBJA 11 *Prerequisite:* None

Serious students will gain much from this course. The majority of class time will be spent learning to read and write hiragana and katakana (two of the three writing systems used in Japan) and developing oral and aural abilities while building a vocabulary and grammar base. Some class time will also be devoted to learning about the history, culture, and customs of Japan. **4 credits**

JAPANESE 11

MJA 11 *Prerequisite:* Introductory Japanese 11
This course will build on the skills developed in Introductory Japanese 11 with an additional emphasis on learning to read and write kanji characters (the third Japanese writing system). Further aspects of Japanese culture and customs will be explored. *Japanese 11 meets university entrance language requirements.* **4 credits**

COMPARATIVE CIVILIZATIONS 12

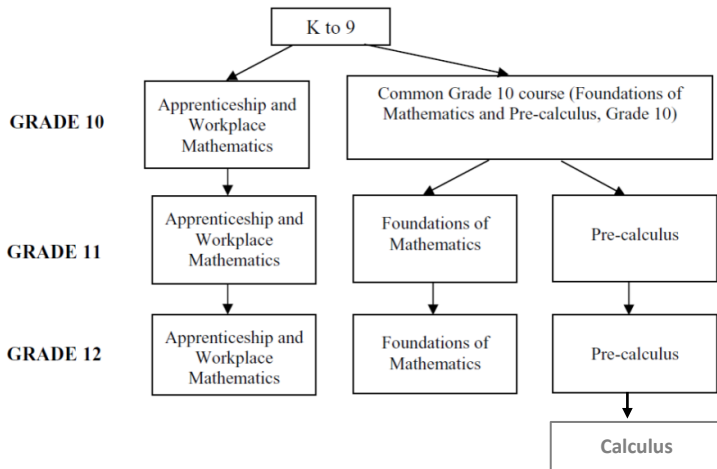
MCCN 12 *Prerequisite:* Open to Grade 11 and 12 students with an interest in the Humanities and Languages.

This course will focus on a number of different ancient civilizations and their contributions to our world. Partly a project based course, students will examine various civilizations globally and then *specialize* in one or more of the following areas: Art and Architecture, Literature, Military and Political Studies, Society and Culture, Technology, Philosophy and Religion. Areas of study will include Ancient Egypt, Greece, Rome, India, China, the Islamic World and Medieval Europe. **4 credits**

MATHEMATICS

Grade 10 and 11 Mathematics

Students entering grade 10 or grade 11 in September 2011 will have new Math Pathways and new Math courses to choose from.



Although there are three new Math Pathways there are only two grade 10 courses to choose from (see diagram to the left.) Both of these courses have a Provincial Exam that includes a “non-calculator” section. Grade 11 Math students have three new courses to choose from. There will be final examinations in all three courses.

The New Pathways:

Apprenticeship and Workplace Mathematics:

MAWN 10

MAWN 11

This pathway is specifically designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades at post secondary and for direct entry into the work force. Topics include algebra, geometry, measurement, number, statistics and probability.

Foundations of Mathematics:

MFMP 10

MFMP 11

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus like Geography, Arts or Humanities. Topics include financial mathematics, geometry, measurement, number, logical reasoning, relations and functions, and statistics and

probability. Most students will choose this pathway.

Pre-calculus:

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus like Sciences or Engineering. Topics include algebra and number, measurement, relations and functions, trigonometry, permutations, combinations and binomial theorem. A small number of students will choose this pathway.

Sample Future Plans	Most Relevant Course Work
<ul style="list-style-type: none"> Technical college Trade school Direct entry to workforce 	Apprenticeship and Workplace Mathematics 10 - 12
<ul style="list-style-type: none"> Math Science Engineering Medicine Commerce 	Foundations of Mathematics and Pre-Calculus 10 followed by Pre-Calculus 11 and 12
<ul style="list-style-type: none"> Social sciences Humanities Fine arts Undecided 	Foundations of Mathematics and Pre-Calculus 10 followed by Foundations 11 and 12

To check which pathway is right for your post-secondary plans, visit the Education Planner website: <http://www.educationplanner.ca>

Grade 12 Mathematics

The Math courses at the Grade 12 level will continue with the ‘old’ Math Pathways. Provincial Exams are optional at the grade 12 level. Grade 12 Mathematics courses are not required for graduation but are required for entry into some post- secondary programs. The following chart provides guidelines for course selection:

	Applications of Math 12 (AMath)	Principles of Math 12 (PMath)	Calculus 12 Calc 12 and AP Calc 12
Course Description	This practical, academic pathway is intended for students who would prefer to use technology rather than algebra. A TI 83 graphing calculator is required for this course.	This academic pathway is intended for students who are proficient in multiple step problems and algebra. A TI 83 graphing calculator is required for this course. This course is a prerequisite for Calculus 12.	This program has two options: Calculus 12 is a provincially approved course with no provincial exam. Advanced Placement Calculus 12 involves an optional exam in May (\$115 fee)
Who should take this course?	Students with an AMath 11 final mark of C+ or higher or a PMath 11 final mark of C or higher.	Students with a PMath 11 final mark of C+ or higher.	Students with a PMath 12 final mark of C+ or higher and good work habits.
Who is the program designed for?	Students planning on taking many post-secondary programs (except the programs listed to the right.)*	Students planning on taking math, sciences, engineering, or business at the college or university level or some other *post-secondary programs.	Students planning on taking math, sciences, engineering or economics at the post-secondary level.
What type of student excels in this program?	Students who prefer a hands on, investigative approach to mathematics using technology.	Students who are proficient with most branches of mathematics (including fractions, algebra, and graphing)	Students who have excelled at the thinking skills involved in PMath 12.
Credits	4 credits	4 credits	4 credits

*Please check with your counsellor for the latest information on entrance and program requirements at post-secondary institutions.

PHYSICAL EDUCATION

PHYSICAL EDUCATION 10/11/12

MPE 10/MPE 11/MPE 12

The objective of our Physical Education program is to provide a development framework which will assist in accomplishing the goals and learning outcomes of the curriculum. The course content is divided into six major activity categories to provide a balance between the more traditional team activities and the leisure-oriented activities. Emphasis is always placed on the student's fitness level. A student in Physical Education course will have achieved a degree of appreciation, understanding, and proficiency in a variety of activities. Each activity takes approximately 12 to 18 hours of instruction.

4 credits

STRENGTH AND CONDITIONING

YSCD 11/12 Prerequisite: PE 10, Application

This course focuses on the following: cardiovascular endurance, muscular endurance, muscular strength, muscular mass, muscular tone and diet. Weight training can also be used to maintain and develop an overall level of fitness, or to assist in training for a specific sport. Therefore, this PE option will appeal to a broad base of students Strength and Conditioning 11 addresses goal setting and goal achievement giving students tools for healthy living. **4 credits**

HEALTH AND FITNESS

YSCD 11/YSCD12 Prerequisite: PE 10, Application

This course focuses on improving overall fitness and health. The emphasis for this course will focus on improving cardiovascular endurance and core body strength. This course is for those students interested in exploring cardio, core, yoga, pilates and other types of fitness activities. There will be a written component about health. This PE 11/12 option will appeal to a group of students looking to improve their fitness as well as learn more about health. **4 credits**

ATHLETIC LEADERSHIP 11

YPELE 11 Prerequisite: PE 10 with a "C+" or higher

This course is an excellent elective for students planning to pursue a teaching career in Physical Education or a Recreation oriented occupation. Involvement in the officiating and organizing side of extra-curricular and intramural sports. Students must be willing and be able to spend 30 hours per term outside the classroom completing leadership activities. This course will focus on the following aspects: Coaching, Teaching and Officiating. **4 credits**

SCIENCE

SCIENCE 10

MSC 10 Prerequisite: Science 9

Science 10 involves the study of the following topics: Sustainability of Ecosystems, Chemical Reactions and Radioactivity, Motion, Energy Transfer in Natural Systems, and Plate Tectonics. After the completion of Science 10, the students may choose courses in specific science fields in grade 11.

20% of the course mark is dependent on a final Provincial Exam.* **4 credits

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.

Science 10 Honours course is an extended version of regular Science 10. There is a special emphasis on breadth and depth of topics that are discussed. Study skills, critical thinking skills, analytical skills and integration of mathematics will be incorporated into the course. Science 10 Honours is a course recommended for students interested in studying and pursuing a career in sciences.

20% of the course mark is dependent on a final Provincial Exam.* **4 credits

BIOLOGY 11

MBI 11 Prerequisite: Science 10 (C+ or better recommended)

Biology 11 introduces the students to the study of major life forms. The topics are:

1. **Methods and Principles of Biology** – scientific method, classification, adaptation and evolution.
2. **Cells** – cell types, organelles, cell processes, DNA, protein synthesis.
3. **Microbiology** – viruses, monerans, protists, immunity.
4. **Botany** – non-vascular, gymnosperms, angiosperms.
5. **Zoology** - invertebrates and vertebrates.

Course work includes lectures, text and article readings, labs, microscope work, dissections, group work, research projects, videos and presentations. Daily homework and study are recommended since the course is heavily dependent on vocabulary.

20% of the course mark is dependent on a school final exam.* **4 credits

BIOLOGY 11 HONOURS

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

Biology 11 Honours covers all of the topics found in Biology 11 but examines a number of areas in greater detail. Biology 11 Honours will examine many topics not found in the regular Biology 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.* **4 credits

BIOLOGY 12

MBI 12 Prerequisite: Biology 11 (C+ or better recommended), Chemistry 11 strongly recommended.

Biology 12 is a highly academic course essential for students entering life sciences and medical fields. Biology 12 is required for students entering faculty of science in universities. Biology 12 involves mainly the study of the life processes, the cell and the human body. The topics are:

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

Course work includes lectures, notes, text and article readings, labs, videos, research projects and the dissection of the fetal pig. Daily homework and study are required for students since the course is highly academic.

40% of the course mark is dependent on a final Provincial Exam.* **4 credits

BIOLOGY 12 HONOURS & AP BIOLOGY

MBI 12H & ABIO 12

Prerequisite: Biology 11 Honours (or Biology 11 with Special Teacher Permission) and Chemistry 11 with 80% minimum mark.

Advanced Placement Biology will be offered in combination with Biology 12 Honours. In addition to the outcomes of the Provincial Biology 12 course, students will learn about Cellular Energetics, Heredity & Evolution, Diversity in Organisms, Structure & Function of Plants and Ecology. **8 credits**

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. Core topics include the scientific method, the description, classification and theory of matter, the mole concept, the periodic table, and organic chemistry. This course is very laboratory oriented requiring numerous formal 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.* **4 credits

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 Principles of 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 Gases (Ideal Gas Law), Nuclear Chemistry, Redox reactions, and Equilibrium. 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.

30% of the course mark is dependent on a school final exam.* **4 credits

CHEMISTRY 12

MCH 12 Prerequisite: Chemistry 11, Math11 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 thermo 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.

40% of the course mark is dependent on a school final exam.* **4 credits

CHEMISTRY 12 HONOURS & AP CHEMISTRY

MCH 12H & ACHE 12

Prerequisite: Chemistry Honours (or Chemistry 11 with Special Teacher Permission) with 80% minimum mark.

Advanced Placement will be offered in combination with Chemistry 12 Honours. In addition to the outcomes of the Provincial Chemistry 12 course, students will learn about Thermo chemistry and more details regarding Chemical Kinetics, Solutions & Solubility and Electrochemistry. **8 credits**

EARTH SCIENCE 11

MESC 11 Prerequisite: Science 10

Earth Science 11 is recognized as a Science 11 course by universities and colleges. It 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 neighbourhood beyond Earth. Topics include the solar system, stars, exotic objects such as black holes and pulsars. Several research and lab reports will be assigned throughout the course. Class work will include lectures, discussions, videos, and new development ("Earth Science News") as they occur. Homework will be assigned daily.

20% of the course mark is dependent on a school final exam.* **4 credits

GEOLOGY 12

MGEOL 12 *Prerequisite:* At least one of Earth Science 11 (recommended), Biology 11, Chemistry 11 or Physics 11.

Geology 12 is an academic science course recognized by all 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 exploration and petroleum development. 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.
4. **Comparative Planetology** – how Earth's features are similar and/or different from other bodies in the solar system.

Several research and lab reports will be assigned throughout the course. Class work will include lectures, discussions, videos, and new development ("Geology News") as they occur. Homework will be assigned daily.

40% of the course mark is dependent on a final Provincial Exam.* **4 credits

PHYSICS 11

MPH 11 *Prerequisite:* Science 10, Math 10, Math11 (generally taken concurrently).

Physics 11 is essential for students entering the fields of engineering, many medical fields and the physical sciences. The course includes topics like Dynamics and Kinematics (the study of motion), Relativity, Energy (including electrical, mechanical and heat) and Wave Motion, with emphasis on light. Extensive use is made of the laboratory approach to learning, coupled with reports and problem solving in related areas of study.

20% of the course mark is dependent on a school final exam* **4 credits

PHYSICS 11 HONOURS

MPH 11H *Prerequisite:* Minimum of "B" or better in Science 10 Honours or an "A" in Science 10 with teacher permission, Principles of Math 10, Principles of Math 11 (taken concurrently, if possible).

Physics 11 Honours helps prepare the student for the rigorous Physics 12 and AP Physics 12 curriculum. The course will include all aspects of Physics 11 and include additional material on pressure and thermal expansion, diffraction and inference, and thin films. In addition, some one-dimensional problems will be extended into two dimensions.

20% of the course mark is dependent on a school final exam* **4 credits

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 lectures, problem solving and laboratory work. Students will be expected to have labs in on time and homework problems done on a daily basis.

40% of the course mark is dependent on a final Provincial Exam.* **4 credits

PHYSICS 12 HONOURS & AP PHYSICS

MPH 12H & APH 12 *Prerequisite:* Physics 11 Honours (or Physics 11 with Special Teacher Permission) with 80% minimum mark.

Advanced Placement Physics will be offered in combination with Physics 12 Honours. In addition to the outcomes of the Provincial Physics 12 course, students will learn about Angular Momentum, Simple Harmonics Motion, Fluid Mechanics and Thermodynamics.

40% of the course mark is dependent on a final Provincial Exam.* **8 credits

SCIENCE AND TECHNOLOGY 11

MSCT 11 *Prerequisite:* Science 10

This course is designed to acquaint the student with the influence of science on society. Since technological growth is increasing rapidly, this course will emphasize learning outcomes related to:

1. **Introduction to Science and Technology in Society**
2. **Computers in the workplace**
3. **The future**
4. **Recreational Technology**
5. **Telecommunications**

Specific topics include Medical Technologies, Resource Management, Transportation, Shelter Technology, Forestry, and Waste Technology. Through the use of video, worksheets, discussions, newspapers, and magazines, the students will learn that there is no simple answer or single answer to any of these questions, and that their judgment is as good as most others. **4 credits**

AP ENVIRONMENTAL SCIENCE

APES *Prerequisite:* Biology 11 Honours OR Chemistry 11 Honours with a minimum grade of 75%. (Biology 11 and Chemistry 11 with a minimum grade of 80% and permission by the teacher).

The goal of APES is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Students will learn:

- Environmental Problems
- Earth Science, Geology, Minerals and Energy Resources
- Climate, Weather, Global Climate & Ozone Depletion
- Ecosystems, Ecology & Evolution
- Population Dynamics & Human Demography
- Sustaining Biodiversity as a Natural Resource
- Food Resources, Soil and Pest Management
- Toxicology, Air Pollution, Solid & Hazardous Waste
- Environment & Society

Note: This course will be offered pending AP approval. **8 credits**

CP WORK EXPERIENCE

Science Career Preparation

SCIENCE CAREER PREPARATION 11 **6 credits**

WEX 11A SN *Prerequisite:* Science 10 with Science Career Aspirations.

This course is offered off the regular time schedule. The students will use this class to start to get the 100 hours of work experience. It is recommended that students enrolled in this class also choose three or more of the following courses:

Bi 11 Ch 11 Ph 11 Earth Science 11 Math 11
Bi 11 Honours Ch 11 Honours Ph 11 Honours

SCIENCE CAREER PREPARATION 12 **6 credits**

WEX 12A SN *Prerequisite:* Science Career Prep 11 (CPWE 11). See Mr. Reilly for details.

This course is designed to help students explore career options in science related fields. Students will be involved in work experience while enrolled in this course. They will also participate in University and College field trips as well as have the opportunity to listen to guest speakers. Other topics: resumes, interviewing skills, leadership, group work and scholarship applications. This course is worth .Required courses: Two grade 12 Science Courses and WEX 12 (Science Career Prep). It is recommended that you choose three or more of the following courses:

Bi 12 Ch 12 Ph 12 Geol 12 AP Calc 12
AP Bi 12 AP Ch 12 AP Ph 12

HEALTH SCIENCES ACADEMY/WEX HEALTH SCIENCES PROGRAM

The Health Sciences Academy has been designed to help students pursue healthcare related careers after graduation. Students graduating from this program will have the opportunity to explore healthcare related careers which suit their individual needs, aptitudes, abilities and career objectives. Students will develop a pre-professional or pre-technical foundation that supports successful pursuit of post-secondary education.

Grade 10- Semester 1

1. **Science 10 Honours**
2. **Planning 10** with a Health Science Focus
3. **Health and Human Services WEX Program** off timetable

*This academy will be divided into two streams:
University bound and college bound*

Grade 10- Semester 2

University Bound Stream	College Bound Stream
Biology 11 Honours	Biology 11

Grade 11

University Bound Stream	College Bound Stream
Biology 12 AP (linear)	Biology 11

Chemistry 11 or
Chemistry 11 Honours
Physics 11 or
Physics 11 Honours

Grade 12

University Bound Stream	College Bound Stream
Chem 12 or Chem12 AP	Biology 11

Physics 12 or Physics 12
AP Calc 12 or Calculus 12

TECHNOLOGY EDUCATION

DRAFTING 11

MDFT 11

Prerequisite: None

The course provides introduction to Drafting/Design and an opportunity to explore the diverse world of design and also incorporates a broad range of skills in computer and manual drafting skills and acquire knowledge relative to varied design career paths. The course places a focus on Architecture, Interior Design, and Industrial Design. Students will produce both hand drawn work and computer based projects. Students are encouraged to view a number of exciting web resources and to sign up for free newsletters from leading design sites. Other areas of study include design for film, automotive design, ergonomics, theme park design and gaming industry. Excellent attendance is mandatory for this course due to the diversity of instruction. Students will have access to the latest in professional level design and CAD software programs including: Bonzai 3D, FormZ, SketchUp 3D and the Microsoft Office suite. Students may download the design programs at home for additional design exploration at no charge. **4 credits (AS)**

DRAFTING DESIGN 12

MDDF 12

Prerequisite: Drafting 11 or similar course background.

Drafting 12 provides students an opportunity to explore more advanced topic areas. Students should have a basic understanding of CAD/Design software programs and some background/respective to design drawing production. Topics generally focus on Industrial Design and Architecturally specific work, although special interest projects may be permitted with the permission of the instructor. Students will have access to the same software programs as noted in the Drafting 11 curriculum, however, will also have access to CNC software and cutting technology run out of the school metal shop. Students enrolling in this program are encouraged to produce a portfolio of work which may be presented for employment or post secondary school admission. **Skills Canada:** Each year Skills Canada, offers students an opportunity to compete in design competition. Students who become competent in design and drafting are encouraged to consider this option. **4 credits (AS)**

DRAFTING / DESIGN 12 –INDEPENDENT DIRECTED STUDY

Prerequisites: Drafting 11 or similar;

The Drafting Independent studies course is open to students who have completed the drafting 12 course and wish to pursue specific areas of study toward post-secondary study. Students are encouraged to present a proposal for an area they wish to pursue at a higher level. Topics may include areas such as: Architecture, Engineering, Ergonomics, Interior, Industrial, Landscape, Aeronautical Naval and Set Thematic Design. All proposals will be assigned a series of projects by the instructor to fulfill course requirements. **4 credits (AS)**

ELECTRONICS/ROBOTICS PROGRAM

Student Expectations: As per industry requirement and future referral to the electrical field or labour force, students must demonstrate the following: a commitment to regular attendance, a mature and respectful conduct, exceptional interpersonal and communication skills, a positive attitude and respect for learning and teaching, diligence in rigorous design and troubleshooting systems, quality work ethics and workmanship is expected at all times. **As this course contains very challenging content, it is recommended that only students who meet these expectations select this option.**

Transferable Skills: The program is a design oriented course. Each project is unique to the individual's ingenuity. The computer-based design aspect, the daily hands on lab work, the problem solving, logical thinking, team approach and troubleshooting aptitudes are all transferable skills toward many career fields. The electronics/robotics program is highly recommended for aspiring students pursuing careers in automotive technician, automotive concept designs, residential interior/commercial space design and drafting, engineering, computer science, movie special effects and electrical trades. Students pursuing career fields above should consider enrolling into the Work Experience Placement Program (WEX-Electrical) for additional graduation credits.

ELECTRONICS 11

MEL 11 Prerequisite: Open to grade 10

The overall goal of the Electronics/Robotics Program is to enrich student learning opportunities by providing daily hands-on applications of electrical and engineering fundamentals through lab work and through design challenges. All activities aim to operate with a creative results-oriented approach; students in automotive, computing science, science, drafting, metal and wood technology, will benefit from theory to practice of electronics theory to mechanical and engineering designs and fabrication. This program is set up into two components: Electronic Theory Lab Work and Robotics Design/Build Team Challenges. The Theory Component will ultimately prepare students with skills in reading schematic diagrams and prototype circuits for testing. Students can also expect to extend their knowledge in testing electronic components, use industry software to design and manufacture printed circuit boards, program and write codes onto micro-controller chips. The Robotics Design/Build Component focuses on competitive team effort to meet and exceed design criteria for robotic obstacle challenges; students design functional radio controlled robotics to accomplish tasks competing against other design teams and robots. Students can expect to broaden their knowledge of robotic systems, explore the design process working collaboratively towards common goals, and demonstrate safe use of equipment, tools, and materials. **4 credits (AS)**

ELECTRONICS 12

MEL 12 Prerequisite: Successful completion of Electronics 11 and recommendation from teacher.

Further in-depth theory work on micro-controllers and robotic designs. See course overview above.

4 credits (AS)

METAL FABRICATION & MACHINING 11

MMFM 11 Prerequisite: None

Instruction in, and development of, hand and machine tool skills and an introduction to welding processes through completion of a series of mandatory projects. Safety awareness is stressed.

Note: Successful completion of this course is required for enrollment in all other metalwork, machining, fabrication and welding courses.

4 credits (AS)

METAL FABRICATION & MACHINING 12

MMFM 12

Prerequisite: Metal Fabrication & Machining 11

Continued instruction in, and development of, hand and machine tool skills and welding processes. Student may choose to participate in major class projects or may elect to produce a complete set of plans for a project of choice. Safety awareness is stressed. **4 credits (AS)**

ACE IT WELDING PW--

2AWLD/2BWLD/2CWLD/2DWLD/2EWLD/2FWLD/2GWLD/2HWLD

Prerequisite: To be eligible for acceptance students must successfully complete:

- Metal Fabrication & Machining 11 with C+ minimum final letter grade
- The application form
- A Math and Reading comprehension entrance exam
- A formal interview with the instructor

Students are required to obtain their own personal safety and protective gear, as per the course list, as well as a complete set of course books.

Ace-IT Welding is divided into four separate courses; Ace-IT Welding 1, 2, 3 & 4. These courses may be taken one or more per semester, or all in one semester, as scheduling allows. This group of courses consists of half of the post-secondary C-level Welding trades training program. The student will learn the various skills, processes and knowledge used in industry to cut, join and form metal. These will be built upon a solid foundation of safety, math, measurement, metallurgy and material handling. Good attendance, attitudes and work ethic are essential and are required for success. Self-motivation will be necessary to complete the required assignments and homework. Successful completion of all four Ace-IT Welding courses allows the student to apply for acceptance into the second half of the UFV C-level welding program. Further information is available from Colin Mitchell (colin_mitchell@sd33.bc.ca or Mr. Priebe (chad_priebe@sd33.bc.ca))

OTHER METAL FABRICATION & MACHINING 12 OPTIONS

Students who successfully complete Metal Fabrication and Machining 11 and 12 may apply to the instructor to take advanced Metal and Fabrication Courses in the areas of:

- Advanced Welding
- Art Metal & Jewelry
- Advanced Fabrication
- Advanced Machining
- Sheet Metal
- ACE IT Welding

Students require instructor permission and should schedule themselves in the appropriate number of MFM 12 blocks to accommodate advanced courses.

AUTOMOTIVE TECHNOLOGY 11

MAT 11 Prerequisite: None

The course consists of 16 units covering all aspects of the modern automobile from fastenings to electricity and hydraulics. Each unit has a reading requirement which is enhanced by question periods and some lectures requiring note taking. Once a unit is mastered, a quiz is written followed by practical work in which the theory is made relevant. The serious mechanics students will find this prerequisite to Automotive Technology 12 invaluable. **4 credits (AS)**

AUTOMOTIVE TECHNOLOGY 12

MAT 12 Prerequisite: Automotive Technology 11

This course offers the student an opportunity to acquire the knowledge and develop the necessary skills to enable them to repair their own automobiles after graduation. The course emphasizes the good work habits and demands of professional workmanship. To be successful, students must shoulder the responsibility of completing delegated jobs to the instructor's satisfaction. **4 credits (AS)**

CARPENTRY & JOINERY 11/12

MCJ 11/MJ 12 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. **4 credits (AS)**

VISUAL AND PERFORMING ARTS

FINE ARTS PROGRAM

To meet graduation program requirements, all students must complete a minimum of 2 credits in the fine arts and/or applied skills subject areas from grades 10 to 12.

ART 10

MVAG 10 Prerequisite: None

Course Content: Art 10 is a general art course designed to introduce a broad range of experiences in 2D and 3D visual arts. This foundation course is designed to provide a balanced program of study in both traditional and contemporary art forms, such as drawing, painting, printmaking, design and ceramics. This course offers students an opportunity to experience a wide variety of media. This Art 10 course may be used as a prerequisite for Studio Art Drawing and Painting 11 and for Animation 11. **4 credits (FA)**

ART 11A – Art Foundations 11

MAF 11 Prerequisite: For students in Grade 11 and 12 who have not taken Art 10.

Art 11A is a general art course designed to introduce a broad range of experiences in 2D and 3D visual arts. This foundation course is designed to provide a balanced program of study in both traditional and contemporary art forms, such as drawing, painting, printmaking, design and ceramics. This course offers students an opportunity to experience a wide variety of media. This Art 11A course may be used as a prerequisite for Studio Art Drawing and Painting 11 and for Animation 11. **4 credits (FA)**

ART 11B – Art Foundations 11

MAF11 Prerequisite: Students must have completed Art 10 or Art 11A

Art 11B is a general art course designed to continue to build a broad range of experiences in 2D and 3D visual arts. This foundation course is designed to provide a balanced program of study in both traditional and contemporary art forms, such as drawing, painting, sculpture, printmaking, design, and digital imaging. This Art 11B course may be used as a prerequisite for Studio Art Drawing and Painting 12 and for Animation 11. **4 credits (FA)**

ART FOUNDATIONS 12

MAF 12 Prerequisite: Art 11

Art 12 is an art course designed as a continuation of a broad range of experiences in 2D and 3D visual arts. This course is designed to provide a balanced program of study in both traditional and contemporary art forms, such as drawing, painting, sculpture, printmaking, design, and digital imaging. This course demands that students be able to work independently and are able to develop unique and personal imagery. The Art 12 course is recommended as a complimentary course for students who are completing grade 12 levels in other Studio Art courses. **4 credits (FA)**

DRAWING AND PAINTING 11

MSADP 11 Prerequisite: Art 10 or 11A

This is a studio art course that provides opportunities for students to engage in a focused and in-depth study of drawing and painting. Students will study image development, context, elements and principles of design, while developing specific knowledge and skill in the materials and techniques of drawing and painting. The Drawing and Painting 11 is a prerequisite for Drawing and Painting 12. **4 credits (FA)**

DRAWING AND PAINTING 12

MSADP 12 Prerequisite: Drawing and Painting 11 or Art 11B Art Foundations

This course provides advanced studies of drawing and painting for further personal development. Students will be 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. Students will be expected to exhibit at least one of their works at the annual student art show. Students will be assisted with the development of a portfolio for admission to post-secondary institutions. Students wishing to use better quality materials will be able to purchase such supplies from the teacher. **4 credits (FA)**

STUDIO ARTS: CERAMICS & SCULPTURE 11

MSACS 11 Prerequisite: Grade 11 and 12 students only

This is a basic course in ceramic design. Emphasis is on hand building slab and coil projects: progressing from stamps and tiles, through to boxes and mugs, as well as one figural piece. Wheel throwing and glazing techniques will be demonstrated. It is highly recommended to those students wishing to continue in art. Ceramics 11 is a pre-requisite for Ceramics 12. Evaluation will be based on a notebook of image research and planning, safe use of materials, and projects (evaluated by student and teacher) showing evidence of skill, design, and creative growth. Emphasis is on quality rather than quantity. Students will be supplied with one box of clay. Students wishing to make more or bigger projects than those assigned may purchase materials from the teacher, as can students wishing to glaze projects. Students wishing to use better quality materials will be able to purchase such supplies from the teacher. **4 credits (FA)**

STUDIO ARTS: CERAMICS & SCULPTURE 12

MSACS 12 Prerequisite: Ceramics 11

This course is a continuation of Ceramics 11, using advanced ceramic techniques for further development of three-dimensional visual art skills. Ceramics 12 students will specialize in wheel, hand building, or sculpture, using stoneware and low firing clays. Ceramics 12 is particularly useful to those students wishing to continue in the arts. *Evaluation* will be based on a notebook of image research and planning, safe use of materials, and projects (evaluated by student and teacher) showing evidence of skill design, and creative growth. **4 credits (FA)**

VISUAL ARTS: MEDIA ARTS 11 (PHOTOGRAPHY)

MVAMT 11 Prerequisite: Open to Grade 11 and 12 only

This course will be of interest to students who want to learn how to use a camera and darkroom to make quality black and white photographs as well as learn the basics for digital photography. Photograph 11 is a prerequisite for Photography 12.

Facility: Students have the use of a complete darkroom and a computer lab. Cameras, tripods, flashes, and lenses are supplied as are chemicals, film and paper. Extra supplies used will require additional payment by students. **4 credits (FA)**

VISUAL ARTS: MEDIA ARTS 12 (PHOTOGRAPHY)

MVAMT 12 *Prerequisite:* Photography Media Arts 11
(Past achievement and behaviour are a consideration)

This course will extend beyond the content studied in Photography 11 with advanced skill development in both black and white and digital imaging. Projects will be based on creative strategies and the analysis of various image formats. This course is recommended for students pursuing careers in commercial photography and related areas such as graphics, film, and art. **Facility:** Students will have overnight equipment sign-out privileges. This includes all equipment used in VAMT 11 as well as medium format cameras.

4 credits (FA)

STUDIO ARTS 11: PRINTMAKING AND GRAPHIC DESIGN

MSAPG 11 *Prerequisite:* Open to Grade 11 and 12 only

This course is concerned with the design elements, tools, and production processes used in the advertising and media industry. Areas studied will include drawing, illustration, layout, lettering, and printing techniques, including their application on computers. **Facility:** Students have the use of a complete lab of computers with industry standard software for graphics, publication, and digital imaging.

4 credits (FA)

STUDIO ARTS 12: PRINTMAKING AND GRAPHIC DESIGN

MSAPG 12 *Prerequisite:* Graphic Design 11

This course continues the content studied in Graphics Design 11 with advanced skill development and emphasis on creative strategies. Analysis of various graphic formats and the mechanics of print processes will be the foundation of commercially based projects. Projects may include small publications, packaging, and display. Students completing Graphics 12 have the opportunity to produce a portfolio for application to post-secondary schools in graphic design.

4 credits (FA)

STUDIO ART 11 – FABRIC AND FIBRE

MSAFF 11 *Prerequisite:* None

Fabric and Fibre is a course for those students who have an interest in textile design, fiber arts production and fabric based crafts. Students will gain experience in techniques of fabric construction (weaving), dyeing, surface design, knitting, quilting, embroidery and felt-making. Students who choose to do a large final project will be required to provide their own materials (ie. a quilt).

4 credits (FA)

STUDIO ART 12 – FABRIC AND FIBRE

MSAFF12 *Prerequisite:* Studio Art 11 - Fabric and Fibre
This course builds upon the course content and skills learned in Fabric and Fibre 11, with additional emphasis placed on skill development and design imagery. Students will explore areas of interest, such as: weaving, dyeing, surface design, knitting, quilting, embroidery, felt-making, and 3D fabric projects such as bowls. Students will have the opportunity to elect and focus on one area or do a larger project. No special projects are required but if students choose to do a special project, they must pay for materials.

4 credits (FA)

ANIMATION 11

MVAMT 11 *Prerequisite:* Art 10 or Art 11.

Open to Grade 11 and 12 students only.
Past achievement and behaviour are considerations.

This course is an introduction to the art form of animation. Areas studies will include figure drawing, illustration, setting and perspective, story planning, and animation techniques, including their application on computers. **Facility:** Students have the use of a complete lab of computers with industry standard software for animation in 3D.

4 credits (FA)

ANIMATION 12

MVAMT 12 *Prerequisite:* Animation 11.

Past achievement and work effort are a consideration.

This course continues to provide students with challenges in cartooning and animation. Students need to be able to work independently as they will be given the opportunity to develop a major project as animation or as a graphic novel. Students will also have the opportunity to develop projects using 3D animation software.

4 credits (FA)

YEARBOOK 11/12

YCCT 11A/12B

Prerequisite: B in English10, Art 10, ICTM11, BCA11 or Leadership.

Yearbook 11 is open to Grade 10 students.

This course is dedicated to the production of a school yearbook. Students will be involved in writing, photographing, and publishing on computer. Besides completing the yearbook, students are expected to solicit businesses for Ads, planning and organizing picture event and write-ups, as well as learning industry standard software used in any major publisher. Students must be able to work within strict deadlines.

4 credits (FA)

DRAMA 10

MDRG 10 *Prerequisite:* None

Drama 10 is a course for students who 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 work, 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. 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.

4 credits (FA)

THEATRE PERFORMANCE 11: ACTING

MTPA 11 *Prerequisite:* None – but students entering this course should have a strong interest in theatre.

Acting 11 continues the development of performance skills from Drama 10. 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.

4 credits (FA)

THEATRE PERFORMANCE 12: ACTING

MTPA 12 *Prerequisite:* Acting 11

This course reviews and develops theatre skills acquired in previous acting courses. 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 theatre history.

4 credits (FA)

THEATRE PERFORM 12: DIRECTING AND SCRIPT DEVELOPMENT

MTPDS 12 *Prerequisite:* Acting 11 or teacher approval
This course is for students interested in expanding their knowledge of 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.

4 credits (FA)

DRAMA: FILM AND TELEVISION 11

MDFT 11 *Prerequisite:* None

Film and Television 11, is an introductory course which will expose students to some of the many facets of film and television performing and production. DFT 11 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, acting, sound, cameras, and editing. Students will be performing in their own and other's videos. The course will include written 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. Success in this course requires out of class time to work on projects. Students **must** be prepared to meet this requirement. Due to demand on facilities, course enrollment will be limited. participation in all aspects of the course.

4 credits (FA)

DRAMA: FILM AND TELEVISION 12

MDFT 12 *Prerequisite:* Drama: Film and Television 11
Drama Film & Television 12 continues the study of film and television production started in DFT 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. **4 credits (FA)**

FILM STUDIES 12

YHAF 12 *Prerequisite:* C+ average in English
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 made, what themes and stories are told, and the visual style of certain directors to films such as Alfred Hitchcock and Steven Spielberg. Examples of possible films to be studied include *Star Wars, Psycho* and *Jaws*. **4 credits (FA)**

THEATRE PRODUCTION 11

MTPR 11 *Prerequisite:* None
Stagecraft is called the "all encompassing art form" and in this introductory course students will try their hand at many areas of backstage theatre. Areas of study may include set design, set modeling, basic set construction, colour, scene painting, prop construction, costuming, lighting basics and design. This is a "hands on" course where participation in daily activities are crucial to student success. **4 credits (FA)**

THEATRE PRODUCTION 12: TECHNICAL THEATRE

MTPRT 12 *Prerequisite:* Theatre Production 11
Theatre Production 12: Technical Theatre will involve the study of lighting, design, set construction, costuming, special effects, sound, and production management. Stagecraft 12 will also study television and movie set design and special effects. **4 credits (FA)**

MUSIC 10: CONCERT BAND

MMCB 10 *Prerequisite:* 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, 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 members must attend one 7:15 a.m. rehearsal per week as well as perform in all concerts. 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: JAZZ BAND 11/12

MIMJB11/MIMJB12 *Prerequisite:* Audition and interview (May)
Jazz Band performs extensively through the year in the school, the community and at competitions. An audition is required to gain entrance to Jazz Band 11 and 12. Instruments required are saxophones (alto/tenor/bar), 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. *All members of Jazz Band must attend one 7:15 a.m. concert band rehearsal and perform with the Concert Band. 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)**

MUSIC COMPOSITION AND TECHNOLOGY 11/12

MMCT 11/MCT 12 *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)**

INSTRUMENTAL MUSIC 11 –INTRODUCTORY GUITAR

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 for home practice students purchase their own guitar, which may be used in class instead of one supplied by the school. **4 credits(FA)**

INSTRUMENTAL MUSIC 12 – ADVANCED GUITAR

MIMG 12 *Prerequisite:* Successful completion of IMG 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 in lieu of rental: storage will be provided. **4 credits (FA)**

CHORAL MUSIC 11/12: VOCAL JAZZ

MCMJV 11/MCMJV 12 *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)**

The following Music Department courses are offered outside the regular school hours (before or after school).

Students who select any of the following courses will need to ensure that they have also selected 8 courses which are offered during school hours – which will result in a total of 9 courses on a student's timetable.

SMALL ENSEMBLE PERFORMANCE 10/11/12

YSEP 10/YSEP 11/YSEP 12

Prerequisite: Audition and personal interview. Students are expected to participate in another music department course.

Classes for this course will be offered outside the regular school schedule. 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. Attendance and degree of participation at the job will be recorded.

4 credits (FA)

CHORAL MUSIC 11/12: JUBELLATION HANDBELLS

MCMCC11/MCMCC12

Prerequisite: Orientation/Audition in September, plus Piano or Band instrument training and good knowledge of notes and rhythms. Enrollment in a second music course is *not* required.

This is a full credit, extended day course. Jubellation allows students to study, experience and perform music in a wide variety of styles through a unique medium – handbells. Styles will include Classical, Pop, Traditional, Sacred, Folk, Gospel, Jazz, Show and Contemporary. All the various handbell ringing techniques will be learned and displayed in performance.

Note: Jubellation meets on Wednesdays from 3:00 – 5:00 p.m. September to June.

4 credits (FA)

INSTRUMENTAL MUSIC: CONCERT BAND 11/12

MIMCB 11/MIMCB 12 *Prerequisite:* Band 10, Band 11; Band 12: 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. This requires attendance once a week at a morning rehearsal (7:15 – 8:15 a.m.)* *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 must stores or purchased.*

4 credits (FA)

PERCUSSION ENSEMBLE 10/11/12

YPREN 10, YPREN 11, YPREN 12

Prerequisite: Audition and interview (September)

This is a full credit, extended day course. This board approved course is very unique in that it's the only course of its kind offered in high school in Western Canada. This 22 person ensemble is actually two ensembles: a Latin percussion ensemble and a 32 pan steel drum ensemble (Caribbean Style). Students will learn the proper techniques of playing non-tuned percussion instruments and will learn to play a wide variety of ensemble arrangements as applied to playing soprano, alto, tenor and bass pan steel drums. Students will perform at assemblies, school concerts, banquets, competitions, and festivals. *Supplies and Equipment:* One pair of drumsticks (size 5A – 8A recommended) and a practice pad.

4 credits (FA)

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 B.C. UNIVERSITY ADMISSION REQUIREMENTS

Research online at the following websites or see Mrs. Hill, 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

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

GRADE 12 ACADEMIC EXAMINABLE COURSES

(Universities accept these courses, but further research is required)

- Biology 12
- Geology 12
- Chemistry 12
- Physics 12
- French 12
- Spanish 12
- Mathematics 12
- History 12
- Geography 12
- English Literature 12
- Français Language 12 or another approved Second Language

Commonly Used Post-Secondary Terms

Prerequisite:

Courses or a grade point average (GPA required getting 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).

