EQUIPPING STUDENTS FOR LIFE AND FOREVER

Course Calendar

2026-2027

MEI Secondary is a Christ-centered school which provides a broad spectrum of educational opportunities for the purpose of building community and preparing our students for a life of service.

ACADEMICS

ATHLETICS

MUSIC

MISSIONS

APPLIED SKILLS

AND MUCH MORE...

MEI Secondary
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www.meischools.com

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GENERAL

Introduction

The MEI Secondary Course Calendar provides information to students from grades 9 to 12, and to their parents/guardians, regarding the course planning and selection process. Students, in collaboration with their parents/guardians, are encouraged to use the Course Calendar to plan their next school year. The Course Calendar contains resources, descriptions of courses and their prerequisites, as well as the specific Graduation Program requirements. Students will select courses to fulfill their graduation requirements and to meet prerequisites for their future educational program and career interests.

It is our prayer and desire that God will guide and encourage you in this exciting and rewarding educational experience offered at MEI. If any questions arise, please do not hesitate to contact our Student Services Department.

Contact Us

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Principal: Mr. M. Thiessen

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Student Services: Career Programs
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Mrs. L. Grauman
Room 226B
lgrauman@meischools.com

Mrs. J. Neufeld
Room 226A
jneufeld@meischools.com

Factors to Consider in Course Planning

Students are encouraged to consider the following factors in selecting courses:

1. Personal wellness: Having time and resources to live a balanced life (mentally, emotionally, intellectually, physically, socially, spiritually)
2. MEI grade promotion criteria
3. MEI Graduation Program requirements
4. MEI course pre & co-requisites
5. Individual academic strengths & weaknesses
6. Individual interest, ability and spiritual giftedness
7. Exploration of a variety of life / educational experiences
8. Future life & realistic career goals
9. Post-secondary options (with the consideration of personal wellness, goals, educational experiences, individual personality and strengths)
10. University / College entrance requirements

Helpful Resources

Parents

Discuss course selection options with your parents/guardians. Consider the factors listed above.

Course Calendar

This Calendar contains valuable information regarding course descriptions, post-secondary education and post-secondary scholarship and bursary awards.

Teachers

Talk to teachers, department heads, and coordinators to get more details about specific courses.

Counsellors

Work with a counsellor to clarify information or to help with overall course planning. Check out the post-secondary and career-related information available in Student Services.

Prayer

We encourage you to consider your choices prayerfully, seeking God's direction for you today and for the future.

Websites

Valuable information is available on the websites listed below. Click the title/hyperlink to access the website directly (online version).

Learning Tool

https://schoology.com

Learning management system acquired by PowerSchool (Nov. 2019) used by MEI Secondary to supplement instruction, provide resources, and report on progress (gradebook) as well as to communicate between students and teachers/school personnel.

BC Ministry of Education

https://curriculum.gov.bc.ca/

This site provides important information on the details of the BC Ministry of Education curriculum.

http://studenttranscripts.gov.bc.ca

Grade 12 students can set up their BCeID account to access the *Student Transcripts Service* to view final marks for courses taken in Gr. 10 & 11, to send transcripts to post-secondary institutions and also to authorize some schools to see their final and/or interim marks. Students cannot access this service without first setting up their BCeID account.

Career & Post-Secondary Planning

https://global.act.org/

For registering and preparing for the American College Testing Assessment (ACT) exam, including test dates and registration deadlines. The MEI school number is **821068**.

www.bccat.bc.ca

The BC Transfer System provides information on transferring credits between post-secondary institutions.

www.collegeboard.org

Registering and preparing for Standardized Aptitude Testing (SAT) exam – The completion of SAT is usually required in the admission process to many American post-secondary institutions. You can register online. The College Board high school code number for MEI is **821068**.

www.educationplannerbc.ca

This useful site provides valuable information to help students plan their vocational journey, search programs and apply to multiple undergraduate post-secondary institutions throughout BC.

www.internationalstudent.com

This website **helps international** (Non-US citizens) **students** who **want to study in the USA, US students** who **want to study abroad, and anyone interested in international education**.

www.myblueprint.ca

This comprehensive education and career planner is used by MEI to help students explore, reflect and plan their vocational journey. For username and password, please see a CLE / CLC teacher, or a school counsellor.

www.schoolfinder.com

Wide-ranging information on college and university tuition, facilities, programs, admission requirements and deadlines across North America. Students will also find information on scholarships and financial aid, events and careers. Students can create an account and get a personalized dashboard with all their information saved for future explorations.

www.workbc.ca

All-inclusive website created by the BC provincial government for job seekers and employers. Students will be able to find out jobs available in BC, explore careers, access employment services and find out about required training and education including market information and industry.

www.jobbank.gc.ca/home

Portal created by the federal government linking you to jobs available throughout Canada, information regarding career planning and trend analysis.

BC Post-Secondary Institutions

www.bcit.ca

British Columbia Institute of Technology, Burnaby, Richmond

www.capilanou.ca

Capilano University, North Vancouver

www.douglascollege.ca
Douglas College, New Westminster, Coquitlam

www.ecuad.ca
Emily Carr University of Art + Design, Vancouver

www.kpu.ca
Kwantlen Polytechnic University, Langley, Surrey, Richmond

www.sfu.ca
Simon Fraser University, Burnaby, Surrey and Vancouver

www.twu.ca
Trinity Western University, Langley

www.tru.ca
Thompson River University, Kamloops

www.ubc.ca
University of British Columbia, Vancouver, Okanagan and Robson Square campus

www.ufv.ca
University of the Fraser Valley, Chilliwack, Abbotsford

www.uvic.ca
University of Victoria, Victoria

Tutorial Assistance*

* The tutoring agencies listed here do not constitute an endorsement by MEI about their quality and reliability. Parents and students must judge the suitability of their services. Tutors coming to MEI to tutor a student must have a criminal record check on file with the school and wear a visitor's pass from the General Office.

www.abbytutors.com
www.schooliseasy.com
www.clubztutoring.com
www.tutor.bc.ca
www.tutordoctor.com

MEI Student Math Help: Our math department has a list of current senior MEI students willing to tutor junior math students at school for a fee. Please contact Mr. Balzer (Room 206) rbalzer@meischools.com for more information.

Definitions

Academic Grade 12 Courses: Specific Grade 12 courses involving academic rigor that certain post-secondary institutions (PSI) require for general or program admission. Students must verify with the PSI which courses are considered "academic". Such courses may include: *Anatomy and Physiology 12, Calculus 12, Chemistry 12, English Studies 12, Foundations of Math 12, French 12, Physical Geography 12, 20th Century World History 12, Law Studies 12, Physics 12, Pre-calculus 12, and Spanish 12.* MEI academic grade 12 courses have a final assessment worth a substantial portion of the final grade.

Applied Design, Skills and Technologies (ADST): Courses that are recognized by the BC Ministry of Education have a practical, "hands-on" approach to learning. The Ministry of Education requires students to take a minimum of 4 credits of courses that qualify as ADST and/or Art Education. Courses that qualify as ADST have the symbol 🛠 beside their name on the course selection sheet as well as in this calendar.

Arts Education: The Arts Education courses strive to encourage and develop fine, musical and dramatic arts skills through engaged arts learning. The Ministry of Education requires students to take a minimum of 4 credits of courses that qualify as ADST and/or AE. Courses that qualify as AE have the symbol 🎨 beside their name on the course selection sheet.

Assessments: Assessments involve a wide variety of methods or tools that MEI teachers use to identify learning needs, measure competency acquisition, and evaluate students' progress toward meeting provincial learning standards.

Co-requisite: A course that must be taken concurrently to enroll in a similar course at a more advanced level.

Credit: A unit of measurement assigned to courses. A full semester course usually receives four credits (*110-120 hours of instruction*) and a half-semester (or term) course usually receives two credits (*55 to 60 hours of instruction*).

Extra-Curricular: Non-credited activities in which students can participate.

Graduation Program: Grade 10-12 MEI graduation and the New (2018) Ministry of Education requirements that apply to students who plan to graduate with a Dogwood Certificate.

Graduation Assessments: Assessments created by the Ministry of Education to evaluate numeracy and literacy competency. These are required assessments for graduation. There are three assessments:

- Grade 10 Literacy Assessment
- Grade 10 Numeracy Assessment
- Grade 12 Literacy Assessment

Upon completion and evaluation, a proficiency level will be indicated on the student's transcript but no credit value or percentage mark assigned.

Find more information on p. 8 in this calendar, as well in the B.C. Graduation Program Policy Guide.

Personal Education Number (PEN): A nine-digit number assigned to each student by the BC Ministry of Education. This number is on the student's report card. Please do not confuse this number with the *Student / Pupil #* – a six or seven digit number assigned for each student by our data management system (MyEdBC).

Post-Secondary Education: Education pursued after high school at a college, university, institute, trades program, Bible school, etc...

Prerequisite(s): Particular criteria (grade level or specific course completion or minimum final percentage in a course) that must be achieved prior to enrolling in a similar course at a more advanced level.

Pro-D: A Professional Development day when teachers attend seminars, conferences or workshops. Students do not attend school on Pro-D days.

Pupil Number: A six or seven-digit number assigned for each student by our data management system.

Student Services: Different locations in our school where students have access to academic, post-secondary, career, personal and mental health-related information and help. The Student Services department includes personnel providing counselling and academic guidance (room 226), learning assistance (room 208) and learning support (rooms 210 and 201).

Study Block: A non-credited period that students may qualify for. Students are encouraged to do homework during that time in their respective lounges or in the library.

Support Block: A block of time provided to some designated students during a semester in order to receive additional support from Learning Assistance and Learning Support at MEI. It is abbreviated **XSPBK** or **XSIEP-LD** 10, 11 or 12 on the timetable. Do not confuse this abbreviation with study block **XAT--12STU**.

List of Symbols

- *Applied Design, Skills and Technologies Course*
- *Arts Education Course*
- *Application Form Required (Limited Enrollment)*
- *Audition, Tryout **or** Interview Required*
- *Course Permission Slip from Instructor Required*
- *Board/Authority Authorized Courses (Gr. 10, 11, 12) or Grade 9 Locally Developed Courses*
- *Graduation Assessment*

Course Classifications

Academic Courses: Courses that have an academic rigor providing a solid foundation of learning that students can build on in post-secondary such as language arts, mathematics, modern languages, sciences and social studies.

Board/Authority Authorized Courses (BAA): Courses offered and developed by School Boards or Independent School Authorities to meet local needs and student interests. An unlimited number of BAA courses may be taken. A BAA course is identified by the code "**Y**" in front of its abbreviation, e.g., **YPHR-1A** Philosophy of Religion 11 known at MEI as Bible 11.

Elective Courses: Courses which a student will choose to complete their graduation requirements.

Extended Day Courses: Courses offered outside of the regular timetable (usually 7:00 am or 3:00 p.), e.g. Razzberry Jam, Leadership, etc.

External Credentials: Provincially authorized courses approved by the Ministry of Education and taught outside the regular school system. Examples include External Lifesaving 11 for Bronze Cross certification, Athlete 10, 11 or 12 for participating in a provincial or national team sport championship, Royal Conservatory of Music 10, 11 or 12 for a grade level achievement with a particular musical instrument, and ICBC Driver Education Course 11 for completing an ICBC-approved driver training course. Students receive external credits by submitting original documentation (such as a certificate) issued by the external organization to Mrs. Grauman in Student Services. For more information of qualifying programs see: https://www2.gov.bc.ca/gov/content/education-training/k-12/support/graduation/getting-credit-to-graduate/external-credentials

Ministry (of Education) Authorized Courses: Curriculum that is developed by the Ministry of Education and is consistent throughout British Columbia. If the course code begins with the letter "M" it is a Ministry-Authorized course. E.g. Literary Studies 10 (MLTST-10), Food Studies 11 (MFOOD-11).

Required Courses: Specific grade 10, 11 and 12 courses which must be successfully completed to fulfill the Ministry of Education and MEI graduation requirements.

Grade Promotion

- Required courses that are not completed satisfactorily will normally be repeated in summer school or the following year/semester or through other distributed learning means.
- Students must pass Bible in order to return to MEI the following year.
- Students are permitted to take courses at their grade level only. The core subject offerings and elective classes at these grade levels are designed to give students the required courses they need and additional explorations in areas in which they may not have experience.

- Because our ultimate academic goal is to graduate our students, MEI Secondary School reserves the right to hold all graduation-requirement courses within the timetable of the student until they can prove they have completed the online version of the course.

Course Changes – Drop / Add Policy

The timetable is created based on students' original choices in February. Course changes may be possible, due to timetable conflicts and student/course suitability, during the first week of each semester.

- Course changes – drop/add will be possible up to and including the first Friday of Semester 1, and up to and including the first Wednesday of Semester 2.
- These changes may be possible provided classes are not being overloaded and there is minimal disruption to the rest of the student's timetable.
- Course changes requested after the deadline will be evaluated by Student Services and Administration on a case by case basis.

Study Block

- Study blocks are not permitted for Grade 9 and 10 students.
- Study blocks will not be given in lieu of online courses. If students, or their families, choose to enroll in an online course, that course will be in addition to the courses they are taking at the school, not in place of.

Study block eligibility for Grade 11 students:

- students taking an MEI extended day course totaling 4 credits.
- students who have 5 or more of the following grade 11 or 12 academic MEI courses in their current timetable: 20th Century History, B.C. First Peoples, Chemistry, Environmental Science, Foundations of Math, French, Law, Life Sciences, Literary Studies (English), Physical Geography, Physics, Pre-Calculus, Spanish and Workplace Math.

Study block eligibility for Grade 12 students:

- Any students in grade 12, who have a study class and would like to leave the school campus, must have formal permission from their parents signed at the beginning of the year. An MEI Study Block - ***Parental Consent to be Excused*** form is available at the Secondary office.
- Students do not decide which block their study block will be.

Study 11 (XAT--11STU) 0 credits
Prerequisite(s)/Co-requisite(s): This study block is only for grade 11 students who have 5 or more of the following grade 11 or 12 academic MEI courses in their current timetable: 20th Century History, B.C. First Peoples, Chemistry, Environmental Science, Foundations of Math, French, Law, Life Sciences, Literary Studies (English), Physical Geography, Physics, Pre-Calculus, and Spanish.

Study 12 (XAT--12STU) 0 credits
Co-requisite: Grade 12 students meeting MEI Graduation Requirements are entitled to take one study block in their grade 12 year. Students needing an additional study for exceptional circumstances must submit their request to the Principal for approval using an application form available from a school counsellor.

BC Second Language Information

As you are considering whether or not to carry on your education with a second language beyond grade 8, it is important to take into account the following information:

High School Graduation Requirement

A second language is **optional in grades 9 – 12** and is not required for high school graduation.

In order to take French or Spanish 10, 11 or 12 at MEI, students must have successfully completed French 9 or Spanish 9. Students can switch from French 8 to Spanish 9 without prior Spanish knowledge.

University Admission Requirements of a Second Language

At this time a second language is **not** required for general admission to:

- ✓ British Columbia Institute of Technology
- ✓ Kwantlen Polytechnic University
- ✓ Simon Fraser University
- ✓ Trinity Western University
- ✓ University of the Fraser Valley
- ✓ University of British Columbia (Okanagan Campus only)
- ✓ University of Northern British Columbia
- ✓ University of Victoria
- ✓ Most other BC Colleges and Bible Schools.

A second language may be required for specific programs. For example, a grade 11 second language, or equivalent, is required for **all** students planning to complete a **Bachelor of Arts degree** at the **University of the Fraser Valley.** Students without an

additional grade 11 language will need to complete a first year modern language course as part of their university studies.
Students and parents are encouraged to complete their own research regarding second language requirements of specific post-secondary programs, as they change from year to year.

Language Challenge Exams

Students can challenge a grade 11 or 12 modern language through our partnership with the Delta School District. Registration begins in November and the test is usually written during the last weekend of January in Delta, BC. The cost of this exam is approximately $200.00. If you have any questions see the International program coordinator, Brenda Hansum. For more information please visit the following website:
https://www.deltasd.bc.ca/schools/secondary/challenge-exams/

Extra-Curricular Activities

Students are encouraged to get involved in extra-curricular activities. Getting involved is a great way to meet people, make friends and feel part of the MEI community. See the list of some of the extra-curricular activities MEI hopes to offer this year.

Athletic teams

MEI is dedicated to the purpose of providing a sound athletic program integrated with a Christian view of God, the world and competition. Our teams include basketball, cross-country, golf, hockey, soccer, swimming, tennis, and volleyball. For details regarding applications, try-outs and scheduling, please contact our Athletic Director, Mrs. Sarah Neufeld. For more information about the Hockey Academy, please contact Mr. Peter Hay.
For new students transferring from another school who are interested in joining an athletic program regulated under *BC School Sports*, they must contact the MEI Secondary Athletic Director for an interview to evaluate eligibility.

Other Clubs and Opportunities

These can vary from year to year.

- Art Club
- Audio Visual Assistants
- Debate Club
- Grad Committee
- Key Club
- Missions Teams
- Prayer Meetings
- Spring Production– Stage and Make-up Crew, ushering

MEI Graduation Requirements

Every student enrolled in Grade 10, 11 or 12 at MEI should attempt to meet the MEI graduation requirements below. By doing so, students will receive the ***Dogwood Diploma*** from the BC Ministry of Education. MEI Students must complete a minimum of **80** credits in grades 10, 11 and 12 credits. Below is the breakdown of required and elective credit requirements. Students should prepare well to ensure they get the credits they need to achieve their goals.

Required Courses (62 credits)

Bible 10 – Exploring The New Testament ..... (2 credits)

Bible 11 – Exploring Theology..... (4 credits)

Bible 12 – Exploring The Christian Life ..... (4 credits)

B.C. First Peoples 12* ..... (4 credits)

Career-Life Education (CLE) ..... (4 credits)

Career-Life Connections (CLC) ..... (4 credits)

Literary Studies 10 (2 cr.) and

Composition 10 (2 cr.) ..... (4 credits)

Literary Studies 11 ..... (4 credits)

English Studies 12 ..... (4 credits)

A Mathematics 10 ..... (4 credits)

A Mathematics 11 **or** 12 ..... (4 credits)

An Arts Education **or** An Applied Design,

Skills, and Technologies 10, 11 or 12 ..... (4 credits)

Social Studies 10..... (4 credits)

Science 10..... (4 credits)

A Science 11 **or** 12..... (4 credits)

Physical Health Education 10 ..... (4 credits)

TOTAL ..... **(62 credits)**

Elective Credits (18 credits)

Additional Grade 10, 11 or 12 courses ..... (18 credits)

Overall Total (62 required cr. + 18 elective cr.) ..... **(80 credits)**

*B.C. First Peoples 12 meets the Ministry of Education Graduation requirements for: a Socials Studies 11 or 12 course; an Indigenous Studies course; and an additional Grade 12 course.

Graduation Assessments

As part of the graduation requirements, students in the B.C. Graduation Program will complete three provincial assessments. These assessments focus on the demonstration and application of **numeracy** and **literacy.** Upon the completion and evaluation

of each assessment, a proficiency level will be indicated on the student's transcript but no credit value or % mark will be assigned.

More information about the B.C. graduation assessments can be found at: https://curriculum.gov.bc.ca/provincial-assessment

Numeracy Assessment

The Grade 10 Numeracy Assessment is a provincial assessment that assesses student proficiency in numeracy. It is a graduation requirement and students take the assessment after completing a grade 10 math. This Assessment focuses on the application of mathematical concepts learned across multiple subjects from kindergarten to Grade 10. It requires students to solve problems by using five numeracy processes (different ways of thinking and working): interpret, apply, solve, analyze and communicate. The numeracy processes are described in the pre-assessment activities and in the specifications.

Literacy Assessments

The Grade 10 Literacy Assessment is a provincial assessment that assesses student proficiency in literacy. It is a graduation requirement and students take the assessment in their Grade 10 year. This assessment evaluates student ability to use critical thinking and analysis to make meaning from a diverse array of texts. It also assesses the ability of students to communicate their ideas. The Grade 10 Literacy Assessment is not based on a particular course, but on learning across multiple subjects, from kindergarten to Grade 10.

The Grade 12 Literacy Assessment is a provincial assessment that assesses student proficiency in literacy. It is a graduation requirement and students take the assessment in their Grade 12 year.

COURSE OFFERINGS

Grade 9

Grade 9 Required Courses

A Bible and Career Education Course
- Bible 9 – Exploring the Biblical Story

A Language Arts 9 Course
- English Language Arts 9 **OR**
- English Language Arts 9 Honours

A Physical and Health Education Course
- Physical and Health Education 9 Boys **OR**
- Physical and Health Education 9 Girls

A Science 9 Course
- Science 9 **OR**
- Science 9 Honours

A Social Studies 9 Course
- Social Studies 9

A Mathematics Course
- Mathematics 9 **OR**
- Workplace Mathematics 9

Grade 9 Elective Course Options

Applied, Design Skills and Technologies
- Entrepreneurship and Marketing 9
- Food Studies 9
- Information and Communications Technologies 9
- Textiles 9
- Woodwork 9

Art Education
- Drama 9
- Music 9 (Band)
- Choir 9
- Visual Arts 9

A Modern Language Course
- Core French 9
- Spanish 9

Extended Day Course –Optional

Optional course offered outside of the regular timetable (early morning or after school). Application form required (not for Drumline 9).

- APEX: Student Leadership 9
- Drumline 9
- Junior Worship Leadership 9
- Junior Chamber Singers 9

Grade 10

Required Courses

A Bible Course
- Bible10 – Exploring The New Testament……(2 cr.)

A Social Studies Course
- Social Studies 10……(4 cr.)

A Career Life Education Course……(4 cr.)
- Career Life Education 10

A Physical and Health Education Course …… (4 cr.)
- Physical and Health Education 10 Boys **OR**
- Physical and Health Education 10 Girls

A Mathematics 10 Course.....(4 cr.)

- Foundations of Math & Pre-calculus 10 **OR**
- Workplace Mathematics 10

An English Language Arts 10 Course .....(4 cr.)

- Literary Studies 10 (2 Cr.) & Composition 10 (2 cr.) **OR**
- Literary Studies 10 (2 Cr.) & Composition 10 (2 cr.) Honours

A Science 10 Course .....(4 cr.)

- Science 10 **OR**
- Science 10 Honours

Elective Course Options

Applied Design, Skills and Technologies (ADST) Courses

- Entrepreneurship and Marketing 10 ..... (4 cr.)
- Foods Studies 10 ..... (4 cr.)
- Textiles 10..... (4 cr.)
- Web Development 10 ..... (4 cr.)
- Woodwork 10 ..... (4 cr.)

Arts Education Courses

- Art Studio 10 ..... (4 cr.)
- Choral Music: Concert Choir 10 ..... (4 cr.)
- Drama 10 ..... (4 cr.)
- Instrumental Music: Concert Band 10 ..... (4 cr.)

Other Courses

- Advanced Performance PE 10 ..... (4 cr.)
- Core French 10 ..... (4 cr.)
- Spanish 10 ..... (4 cr.)

Extended Day Courses Options

Optional courses offered outside of the regular timetable (early morning or after school). Application form required.

- Apex: Student Leadership 10 ..... (2 cr.)
- Computational Thinking and Information Systems 12 ..... (4 cr.)
- Outdoor Education 11 ..... (4 cr.)
- Student Athlete Captain's Course + Committee 10 (2 cr.)
- Work Experience 12A, 12B ..... (4 cr.)
- Yearbook 10 ..... (4 cr.)
- Youth Work in Trades 11 or 12 ..... (up to 16 cr.)

Optional courses offered outside of the regular timetable (early morning or after school). Application form not required; auditions in September.

- Bluesberry Jam (Jazz Band) 10 ..... (2 cr.)
- Drumline 10 ..... (2cr.)
- Junior Chamber Singers 10 ..... (2 cr.)
- Junior Worship Leadership 10 .....(0 cr.)

Grade 11

Required Courses

A Bible 11 Course

- Bible 11- Exploring the New Testament ..... (4 cr.)

An English Language Arts 11 Course

- Literary Studies 11 or
- Literary Studies 11 Honours .....(4 cr.)

An Indigenous Studies course

- BC First Peoples 12 .....(4 cr.)

A Mathematics 11 Course

- Foundations of Math 11 **OR**
- Pre-Calculus 11 **OR**
- Workplace Mathematics 11 .....(4 cr.)

A Science 11 or 12 Course

- Chemistry 11 or
- Chemistry 11 Honours .....(4 cr.)
- Environmental Science 11.....(4 cr.)
- Life Sciences 11 .....(4 cr.)
- Physics 11 .....(4 cr.)
- Specialized Science 12-Agriculture Stewardship (4 cr.)

Elective Course Options:

Applied Design, Skills and Technologies Courses

- Child Development and Caregiving 12 (2027-28)(4 cr.)
- Drafting 11 .....(4 cr.)
- Food Studies 11 ..... (4 cr.)
- Interpersonal and Family Relationships 11 (2026-27) ..... (4 cr.)
- Marketing and Promotion 11 ..... (4 cr.)
- Robotics 11.....(4 cr.)
- Textiles 11 .....(4 cr.)
- Woodwork 11 .....(4 cr.)

Arts Education Courses

- Art Studio 11 ..... (4 cr.)
- Choral Music: Concert Choir 11 ..... (4 cr.)
- Drama 11.....(4 cr.)
- Film & Television 11 .....(4 cr.)
- Instrumental Music: Concert Band 11 .....(4 cr.)

Other Courses

- 20th Century World History 12 .....(4 cr.)
- Active Living 11 Boys ..... (4 cr.)
- Active Living 11 Girls ..... (4 cr.)
- Advanced Performance PE 11 ..... (4 cr.)

- Core French 11 ..... (4 cr.)
- Internet Applications11 ..... (4 cr.)
- Law Studies 12 ..... (4 cr.)
- Physical Geography 12 ..... (4 cr.)
- Spanish 11 ..... (4 cr.)
- Study 11(must have 5 academics to qualify) ..... (0 cr.)

Extended Day Courses Options

Optional courses offered outside of the regular timetable (early morning or after school). Application form required.

- Apex: Student Leadership 11 ..... (2 cr.)
- Computational Thinking and Information Systems 12 ..... (4 cr.)
- Outdoor Education 11 ..... (4 cr.)
- Secondary Teacher Assistant 12 ..... (4 cr.)
- Student Athlete Captain's Course + Committee 11 (2 cr.)
- Work Experience 12A, 12B ..... (4 cr.)
- Yearbook 11 ..... (4 cr.)
- Youth Work In Trades 11 or 12 ..... (up to 16 cr.)

Optional courses offered outside of the regular timetable (early morning or after school). Application form not required; auditions in September.

- Drumline 11 ..... (2 cr.)
- Razzberry Jam (Jazz Band) 11 ..... (2 cr.)
- Senior Chambers Singers 11 ..... (2 cr.)
- Senior Worship Leadership 11 ..... (0 cr.)

Grade 12

Required Courses

A Bible 12 Course

- Bible 12- Exploring the Christian Life ..... (4 cr.)

A Career Education Course

- Career Life Connections ..... (4 cr.)

An English Language Arts 12 Course

- English Studies 12 **OR**
- Advanced Placement (AP) English Literature and Composition 12 * ..... (4 cr.)

* Students taking AP will also meet requirement for English Studies 12

Elective Course Options:

Applied Design, Skills and Technologies Courses

- Child Development and Caregiving 12 (2027-28) (4 cr.)
- Drafting 12 ..... (4 cr.)
- Entrepreneurship 12 ..... (4 cr.)
- Food Studies 12 ..... (4 cr.)
- Interpersonal and Family Relationships 11 (2026-27) ..... (4 cr.)
- Textiles 12 ..... (4 cr.)
- Woodwork 12 ..... (4 cr.)

Arts Education Courses

- Art Studio 12 ..... (4 cr.)
- Choral Music: Concert Choir 12 ..... (4 cr.)
- Drama 12 ..... (4 cr.)
- Film & Television 12 ..... (4 cr.)
- Instrumental Music: Concert Band 12 ..... (4 cr.)
- Studio Arts 2D 12 ..... (4 cr.)

Other Courses

- 20th Century World History 12 ..... (4 cr.)
- Active Living 12 Boys ..... (4 cr.)
- Active Living 12 Girls ..... (4 cr.)
- Advanced Performance PE 12 ..... (4 cr.)
- Anatomy and Physiology 12 ..... (4 cr.)
- Calculus 12 ..... (4 cr.)
- Chemistry 12 **OR** Chemistry 12 Honours ..... (4 cr.)
- Core French 12 ..... (4 cr.)
- Foundations of Math 12 ..... (4 cr.)
- Internet Applications12 ..... (4 cr.)
- Introduction to Psychology 12 ..... (4 cr.)
- Law Studies 12 ..... (4 cr.)
- Physical Geography 12 ..... (4 cr.)
- Physics 12 ..... (4 cr.)
- Pre-Calculus 12 ..... (4 cr.)
- Spanish 12 ..... (4 cr.)
- Specialized Science 12-Agriculture Stewardship (4 cr.)
- Study 12 ..... (0 cr.)

Extended Day Courses Options

Optional courses offered outside of the regular timetable (early morning or after school). Application form required.

- Apex: Senior Leadership 12 ..... (2 cr.)
- Computational Thinking and Information Systems 12 ..... (4 cr.)
- Outdoor Education 12 ..... (4 cr.)
- Secondary Teacher Assistant 12 ..... (4 cr.)
- Student Athlete Captain's Course + Committee 12 (2 cr.)
- Work Experience 12 ..... (4 cr.)
- Yearbook 12 ..... (4 cr.)
- Youth Work In Trades 11 & 12 ..... (up to 16 cr.)

Optional courses offered outside of the regular timetable (early morning or after school). Application form not required; auditions in September.

- Drumline 12 ..... (2 cr.)
- Razzberry Jam (Jazz Band) 12 ..... (2 cr.)
- Senior Chamber Singers 12 ..... (2 cr.)
- Senior Worship Leadership 12 ..... (0 cr.

COURSE DESCRIPTIONS

Applied, Design Skills and Technologies (ADST) Education

🛠This symbol means that a course is recognized by the Ministry of Education as an Applied Design, Skills and Technology (ADST) Course and meets or contributes to the 4-credit ADST/Arts Education graduation program requirement.

Business Education

Entrepreneurship and Marketing 9 (MADEM09)
Prerequisite(s): None

In this course, students will understand the role of marketing in business, including research methods and product development. Students will also gain a working knowledge of accounting, for both business and personal use. Students will be encouraged to consider establishing their own business as a viable option in the future. The content will help develop the curricular competencies of defining success and what it means to be successful in the business world. Students will begin to understand the risks involved in the different stages of business development. As well, students will be exposed to various career opportunities available to them, as well as the general spectrum of courses in the Business Education Department.

Entrepreneurship and Marketing 10 (MADEM10) 4 credits 🛠
Prerequisite(s): None

In this course, students will be introduced to the opportunities for entrepreneurship. They will be challenged to look at their own traits and compare them to the characteristics of entrepreneurs. Students will develop the competency of examining the barriers that entrepreneurs face in introducing a product or service. In addition, we will explore the life cycle of a product or service from invention/innovation to the marketplace and ways to add value to an existing product or service. While being challenged to look at entrepreneurship as a career path, students will develop the competencies of researching different businesses while being able to define the goals of a business and to identify their target market.

Entrepreneurship 12 (MENT-12) 4 credits 🛠 🗎🗣
Prerequisite(s): Completion of grade 11. Marketing and Promotion 11 preferred. Applicants must submit a completed application through Microsoft Forms; link also available on MEI Schools website. Interview required. Limited enrollment.

This course gives students real, hands-on experience in running a business. Through roles in human resources, finance, marketing, and operations, students learn teamwork, leadership, and what it takes to manage a business day-to-day. Students also run the school café and hot lunch program, applying their skills in a real setting while mentoring new members of the marketing program. By the end of the course, students gain practical entrepreneurial experience and confidence working with others.

Marketing and Promotion 11 (MMAP-11) 4 credits 🛠 🗎🗣
Prerequisite(s): Applicants must submit a completed Application through Microsoft Forms; link also available on MEI Schools website. Interview required. Limited enrollment.

This course is a practical, activity-based course that provides a framework for creative application of marketing concepts, operations and techniques applied to retailing and selling. Students will have the opportunity to learn how to be productive and motivate employees, including themselves. Students will be given not only the opportunity to come up with new promotional ideas but will also be given the support and resources as well. Other competencies that will be developed will be to define and understand their target market while receiving and reacting to feedback on their ideas through consumer response. A major part of this course is the operation of the school café and cafeteria.

Home Economics and Culinary Arts Education

Child Development and Caregiving 12 (MCDAC12)
4 credits 🛠
Prerequisite(s): completion of Grade 11

This course focuses on child development from the prenatal stage to teenage years. Students will learn about the various stages of baby and child development, physically, mentally, emotionally, and spiritually. Students will explore various child development theories, looking into major theorists in the area of study. We will read newspaper articles and research articles that focus on pertinent baby and child development topics. Students will become familiar with different parenting styles, and learn about childcare options in Canada and around the world. Baby simulators will be used for a 24-hour period to demonstrate the demands and responsibilities placed on a parent. Observations of pre-school children will authenticate theories of development as students interact with students of the MEI Pre-School. Along with these activities, communication skills, critical thinking, and personal and social responsibilities are developed. Everyone can benefit from this practical course.

NOTE: There is no final exam for this course, and no additional costs. CDAC 12 is offered every other year, alternating with IAFR 11 (Interpersonal and Family Relationships 11). IAFR is offered in the 2026-2027 school year and CDAC 12 is scheduled to be

offered in the 2027-2028 school year. Both courses are open to gr. 11 and 12 students.

Food Studies 9 (MADFS09)
Prerequisite(s): None

This Grade 9 Foods course develops essential kitchen skills through hands-on meal planning, food preparation, and basic baking methods. Students learn food safety, proper use of kitchen equipment, and a variety of cooking techniques while gaining confidence in preparing meals. They have opportunities to experiment with recipes and create their own dishes while exploring cultural food studies, the Canadian Food Guide, and First Peoples perspectives on food.

Food Studies 10 (MFOOD10) 4 credits
Prerequisite(s): None (Foods Studies 9 is an asset)

This course deepens students' knowledge of food preparation and techniques while expanding their understanding of nutrition and healthy living. Students learn kitchen safety and sanitation, proper use of tools, equipment, and specialty appliances, and principles of sustainability within the food system. They apply design thinking by planning, creating, and testing recipes, experimenting with ingredients and techniques, and reflecting on the results. Students prepare a variety of food products, including snacks, meals, and baked goods, and build confidence in cooking safely, using equipment correctly, and making thoughtful, creative food choices.

Food Studies 11 (MFOOD-11) 4 credits
Prerequisite(s): None (Foods Studies 9 or 10 are an asset)

This hands-on course helps students build cooking and baking skills while exploring creativity and design in food. They work with a variety of ingredients—fruits, vegetables, grains, meats, and specialty items—to plan and prepare complete meals, participate in fun cooking challenges, and create projects like gingerbread houses that combine structure and style. Students also learn to use resources wisely, develop meal-planning strategies, and explore the food system, including sustainability and community connections through field trips.

NOTE: Additional cost of $25 lab fee.

Food Studies 12 (MFOOD12) 4 credits
Prerequisite(s): None (previous Foods Studies courses are an asset)

This course builds on Food Studies 11, focusing on advanced cooking, baking, and food presentation, as well as planning complete meals. Students develop confidence and creativity while preparing a variety of healthy dishes and explore food design, menu planning, and entrepreneurship through a project where they create and "run" their own Food Truck concept. The course also covers food careers, current food issues, and the economic, environmental, and cultural impacts of food—preparing students for independent living.

NOTE: Additional Costs: $25.00 lab fee.

Interpersonal and Family Relationships 11 (MIAFR11)
4 credits
Prerequisite(s): Completion of Grade 10

This course explores the dynamics of relationships with all kinds of people: family members, peers, coworkers, employers, teammates, coaches, friends, and romantic partners. It is a practical course focusing on communication with others. Students will learn about a variety of relationship topics: body language, communication styles, conflict resolution, apologies, forgiveness, healthy relationships, and unhealthy relationships. This is an extremely useful course for developing positive communication skills for life. Students will design a service opportunity that could help individuals and families with their relationships. Students will grow in maturity and understanding regarding creating and maintaining positive relationships.

NOTE: There are no additional costs, and there is no final exam except life itself. This course will be offered in the 2026-2027 school year, and is offered every other year, alternating with CDAC 12 (Child Development and Caregiving 12, offered in 2027-2028). IAFR is open to gr. 11 and 12 students.

Textiles 9 (MADT-09)
Prerequisite(s): None

This course introduces students to the world of sewing and textile design. Students will begin with a pencil case and then a stuffy, learning basic sewing principles and techniques. Students will make pajama shorts or pants. After that, students will design and make their own textiles product and make other projects of their choice. Students will have the chance to explore, design and create sewing projects, learning many practical skills along the way.

NOTE: While the teacher has many patterns, fabrics, and supplies in class, students may be required to purchase some of their own sewing supplies and fabrics, depending on what they choose to make.

Textiles 10 (MTXT-10-2) 4 credits
Prerequisite(s): None

This course provides an interactive environment where students combine creativity with sewing skills. It is for students who have some or no previous sewing courses. The students' first project will be a hoody where they will learn to sew more efficiently, successfully and creatively as they construct a professional-looking garment. A self-directed design project will allow students to explore and express their creative side as they produce custom-made clothing or other unique DIY textiles items.

NOTE: While the teacher has many patterns, fabrics, and supplies in class, students may be required to purchase some of their own sewing supplies and fabrics, depending on what they choose to make.

Textiles 11 (MTXT-11) 4 credits
Prerequisite(s): None

In this course, students will deepen competencies learned in previous clothing classes, or develop new skills if they have not yet taken textiles courses. Textiles 11 is open for registration for all students in grades 11-12. It is a project-based course, which makes it an exciting and hands-on place to be. Students will have a wide range of choice in their projects, with an emphasis on developing advanced skills and techniques. Students will apply the principles of design by exploring ideas, prototyping, testing, making, and sharing textiles items. They will explore the world of fabrics and fibres, technology and textiles, elements of design, and repurposing textiles.
NOTE: Students will be required to purchase patterns, sewing supplies and fabric for their projects.

Textiles 12 (MTXT-12) 4 credits
Prerequisite(s): MTXT-11 or by permission of instructor

This is a fantastic course that enlightens students and enriches their skills to save money and create innovative projects. Students will "Up-cycle," taking existing items that would be headed to the landfills and reworking them into something fashionable and useable. With Textiles 12 focusing on learning advanced construction and finishing techniques, students will have the skills to create amazing products. There is also the wonderful opportunity to design and create costumes for the annual play production. Through these projects, students will develop both creative and technical skills with consideration towards design, ethics of textile production and consumption, and routine practices of the textile world. Their applied design skills will open a world of opportunities, both as a hobby and in the workplace.

NOTE: Students will be required to supply materials needed for up-cycling projects, and/or sewing projects.

Information and Communications Technology Education

Computational Thinking and Information Systems 12 (PSIAA12) 4 Credits
Prerequisite(s): Open to grade 10, 11, or 12. Some prior computing experience required. Students must submit a completed application form.

This out of the high school timetable course, designed by the faculty of Computer Science (part of the Faculty of Science) at Trinity Western University (TWU) and MEI (talk to Mr. Weiss for more info), is primarily online with a brief weekly meeting on Mondays at 3:30 p.m. for a quiz. Each week students will be responsible for a quiz, lab, and assignment work. The course runs from January through April. Earn dual credit for both high school transcript and transferable university transcript, free of charge for a variety of science and arts degree programs at various universities.

In this fun and engaging course, students will learn game coding using the processing language. It also provides a broad theoretical introduction to computer information systems, computer history, and base notation. The final exam involves creating a partner-produced game showcased at TWU.

Information Technology 9 (MADIT09)
Prerequisite(s): None

IT 9 introduces students to advanced technology skills essential for today's dynamic world. The course focuses on advanced Photoshop techniques, incorporating AI tools for photo manipulation and graphic creation. Additionally, students will be introduced to game coding using JavaScript, providing a foundation in programming and interactive design. This introductory high school computer course is designed to prepare students for future success in both academic and professional environments, allowing them to explore and innovate with cutting-edge technology.

NOTE: No final exam

Internet Applications 11 (YCAIS1A) 4 credits
Prerequisite(s): None

Students interested in web design and in learning how to work collaboratively as a team member will enjoy this course. Students will create websites using many different design techniques and will practice web design by maintaining and creating within the award winning MEI website. Students will work in a business climate classroom and will also create a web portfolio. Outside businesses have the opportunity to "hire" students for their particular website needs. Additional topics and skills include: the art of taking a good photo, proper use of the digital camera, tricks for web photos, using animation design, Dreamweaver editor, Adobe Photoshop, Javascript, streaming audio and video, php, mysql, frames, dynamic and interactive site design.

NOTE: No Final Exam

Internet Applications 12 (YCAIS2A) 4 credits
Prerequisite(s): YCAIS1A

This course has been developed by MEI to support and encourage students to explore the richness and diversity of various cultures through the medium of web page design. Students will learn to use digital cameras as recording tools and computers as editing tools. Today, new and exciting careers are being pioneered by those with the knowledge and skills to use information technology creatively. Whole industries are emerging around the information technology revolution. Students will explore curricular themes, develop project proposals and research topics of community value or personal interest. They will write advanced web pages and edit data to produce finished web pages or a working Internet site. This course focuses on scripting, programming, developing search strategies for new technology, publishing skills, and serving information on a web server. In addition, the topic of web ethics will be covered.

NOTE: No Final Exam

Web Development 10 (MWBDV10) 4 credits
Prerequisite(s): None

This ministry course gives students the opportunity to learn essential computer skills as they are integrated throughout our society today. The course focuses on understanding web coding, including HTML and stylesheet coding, along with AI integration and photo editing. Students will explore the ever-growing job market in technology and learn JavaScript coding for gaming, creating fun and interactive games. This hands-on course emphasizes practical skills and teamwork, preparing students for future careers in the tech industry by learning through doing rather than listening.

Yearbook 10 (YCCT0A) 4 credits
Prerequisite(s): Students must also submit a completed Application through Microsoft Forms; link also available on MEI Schools website. Limited enrollment.

This course focuses on the development of photography and journalism skills needed to produce a yearbook and several books or booklets including the secondary yearbook, elementary yearbook and possibly the spring supplement. Students take creative risks in generating ideas and add to others' ideas in ways that enhance them and they will develop the following skills: photography, selling and developing ads, using Adobe Photoshop, developing themes for yearbook, choosing and recording significant world events, designing single and double page spreads, developing photo stories, writing headlines, captions, editing, teamwork, and record keeping.

NOTE: This is an extended day course offered outside the timetable. In addition, students must be prepared to give some out-of-school time to take photo assignments, sell ads and finish projects. Being able to meet deadlines is a must.
Day and time of the course will be decided as a class at the beginning of the school year.

Yearbook 11 (YCCT1A) 4 credits
Prerequisite(s): Students must also submit a completed Application through Microsoft Forms; link also available on MEI Schools website. Limited enrollment.

This course focuses on the development of photography and journalism skills needed to produce a yearbook and several books or booklets including the secondary yearbook, elementary yearbook and possibly the spring supplement. Students take creative risks in generating ideas and add to others' ideas in ways that enhance them and they will develop the following skills: photography, selling and developing ads, using Adobe Photoshop, developing themes for yearbook, choosing and recording significant world events, designing single and double page spreads, developing photo stories, writing headlines, captions, editing, teamwork, and record keeping. Editors will make a step-by-step plan for production and carry it out, making changes as needed.

NOTE: This is an extended day course offered outside the timetable. In addition, students must be prepared to give some out-of-school time to take photo assignments, sell ads and finish projects. Being able to meet deadlines is a must.
Day and time of the course will be decided as a class at the beginning of the school year.

Yearbook 12 (YCCT2A) 4 credits
Prerequisite(s): Students must also submit a completed Application through Microsoft Forms; link also available on MEI Schools website. Limited enrollment.

This course focuses on the development of photography and journalism skills needed to produce a yearbook and several books or booklets including the secondary yearbook, elementary yearbook and possibly the spring supplement. Students take creative risks in generating ideas and add to others' ideas in ways that enhance them and they will develop the following skills: photography, selling and developing ads, using Adobe Photoshop, developing themes for yearbook, choosing and recording significant world events, designing single and double page spreads, developing photo stories, writing headlines, captions, editing, teamwork, and record keeping. Editors will make a step-by-step plan for production and carry it out, making changes as needed.

NOTE: This is an extended day course offered outside the timetable. In addition, students must be prepared to give some out-of-school time to take photo assignments, sell ads and finish projects. Being able to meet deadlines is a must.
Day and time of the course will be decided as a class at the beginning of the school year.

Technology Education

Drafting 11 (MTDRF11) 4 credits
Prerequisite(s): None.

This course will focus on architectural design and mechanical drafting. The students will be introduced to construction methods, as well as theory of residential design. During the course, students will become designers in a "mock" design firm. They will be assigned various projects where they will be designing floor plans, custom furniture, and millwork. They will then present their designs along with samples and renderings showing what a client might expect from the project. The second half of the course will deal with drafting mechanical objects using various formats and conventions such as dimensioning, section and auxiliary views, surface developments and intersections as well as fastening devices. Students will be introduced to AutoCAD along with several other drafting and design programs in this course.

Drafting 12 (MTDRF12) 4 credits
Prerequisite(s): MDTRF11 or instructor's permission.

This course expands on the Drafting 11 course by exploring architectural residential design and mechanical drafting in greater detail and providing an opportunity for thorough application. Students will complete a full set of house plans. Students will learn how to do the following: use appropriate drafting and design terminology; select, present, and respond to drawings and design solutions in a variety of suitable visual formats and media; apply drawing standards and conventions; and create complex concept, presentation, and detail drawings. Students will also learn to identify and develop the components of working drawings including a bill of materials and schedules. Students will be introduced to the CNC, a computerized router in the woodshop, where they will learn how to program this machine and make pieces out of wood and various other materials from a design in AutoCAD. This course is not offered in the 2026-2027 school year.

Robotics 11 (MTROB11) 4 credits 🛠
Prerequisite(s): None

This personalized, hands-on course invites students to jump into the exciting world of Electronics & Robotics—no experience needed! It's the perfect place for beginners to start discovering how robots work while building real skills through fun, guided projects. Students will learn practical skills in programming and assembling components on breadboards and circuit boards.

With a focus on real-world applications, students will bring robots to life through engaging programming challenges and use 3D printing to turn creative ideas into real creations. Along the way, the course explores how robotics is shaping our world and future careers. Students will take on fun, hands-on electronic challenges, and robotic projects will be designed for competitions or exciting showcases.

Woodwork 9 (MADW-09)
Prerequisite(s): None

This course lays a strong foundation for success in advanced Woodwork courses. Students begin the semester in the CAD Lab, learning **Fusion 360** and introductory **AutoCAD** skills to support BC ADST curriculum goals in **Design and Prototyping**. They will then apply these skills in the shop while learning safe and proper handling of materials, equipment, stationary machines, and hand and power tools.

Students explore wood in historical and cultural contexts across Canada and learn essential design concepts such as sketching, modeling, drafting, material calculation, and construction planning. Throughout the term, they will design and build several projects that demonstrate creativity, craftsmanship, and responsible shop practices.

Note: Woodwork fee is **$100**, with additional costs for optional extra projects if time permits

**Grade 12 students who have completed Woodwork in at least 3 of their 4 years of high school may create a project of their own design within specific guidelines/parameters in Woodwork 12.

Woodwork 10 (MWWK-10) 4 credits 🛠
Prerequisite(s): Previous woodwork courses will be an asset.

This course focuses on building skills in cabinet construction and furniture making. Students begin the semester in the CAD lab, where they learn **Fusion 360**, **AutoCAD**, and some **SketchUp** to design solutions for real-world problems and create accurate drawings, models, and prototypes. Working in small groups, students apply BC ADST curriculum principles of **Design and Prototyping** before moving into the shop to construct their projects.

Throughout the course, shop, machine, and tool safety will be emphasized and reinforced. Students will design, plan, and build projects within specific design parameters, completing material calculations, scale drawings, pricing, and detailed procedure lists. Two major cabinet and/or furniture projects guide the practical learning process from start to finish, including milling lumber, creating joints, assembling components, and applying stains and finishes.

Students also develop a deeper understanding of wood in historical and cultural contexts—locally and across Canada—while refining their craftsmanship, design thinking, and problem-solving skills.

NOTE: The Woodwork Fee is $100 plus additional costs for smaller projects if time permits.

**Grade 12 students who have completed Woodwork in at least 3 of their 4 years of high school may create a project of their own design within specific guidelines/parameters in Woodwork 12.

Woodwork 11 (MWWK-11) 4 credits 🛠
Prerequisite(s): Previous woodwork courses will be an asset.

This advanced course requires students to design, plan, and construct projects within clear design parameters, as well as complete self-directed projects from start to finish. Project complexity will reflect the number of woodwork courses a student has completed throughout high school. Shop safety remains a major focus at this level.

Early in the course, students work in small groups designing solutions for real-world problems while learning or advancing their skills in **Fusion 360** and **AutoCAD** to produce accurate drawings, models, and design packages. Students will learn to identify, evaluate, and select the appropriate wood products for both structural and aesthetic applications.

Throughout the term, students will also gain experience creating production jigs, organizing workflow, and working efficiently on an assembly line. Teamwork, safe operation, and responsibility are emphasized as students refine their craftsmanship. In addition, learners will continue to develop their understanding of wood within historical and cultural contexts locally and across Canada.

*The Woodwork Fee is $100 (base) plus additional costs that are project dependent.

**Grade 12 students who have completed Woodwork in at least 3 of their 4 years of high school may create a project of their own design within specific guidelines/parameters in Woodwork 12.

Woodwork 12 (MWWK-12) 4 credits 🛠
Prerequisite(s): MWWK 10 or Instructors permission

This course is designed for students with advanced carpentry and woodworking skills, particularly those considering a future in the trades. Early in the course, students work in small groups to design solutions for real-world problems while learning or advancing their skills in **Fusion 360** and **AutoCAD** to produce accurate drawings, models, and project plans. Students are also introduced to the CNC router and learn how to safely program, set up, and machine components from their digital designs.

Throughout the course, **shop, machine, and jobsite safety remain a top priority**. Students are expected to demonstrate safe behaviour, correct tool operation, and responsible work habits at all times, especially as they take on more complex and independent tasks.

During the first half of the course, students design and construct small structures for off-campus sites. Instruction includes safe and proper techniques for framing, window and door installation, interior and exterior finishing, and introductory electrical and plumbing. Projects may include sheds, playhouses, doghouses, greenhouses, or other small structures, completed to real-world standards.
Students will also deepen their understanding of wood in historical and cultural contexts across Canada. In the second half of the year, students have the opportunity to pursue specialized interests in furniture building or cabinetmaking. Project expectations and complexity increase based on the number of years a student has taken Woodwork, with strong emphasis on precision, craftsmanship, and continued safe work practices.

*The Woodwork Fee is $100 plus additional costs that are project dependent.

**Grade 12 students who have completed Woodwork in at least 3 of their 4 years of high school may create a project of their own design within specific guidelines/parameters in Woodwork 12.

Arts Education

This symbol means that a course is recognized by the Ministry of Education or the Board as an Art Education course**.** It also identifies courses in grades 10-12 that meet the ADST/AE graduation program requirement.

Drama

Drama 9 (MDR-09)
Prerequisite(s): None

This locally developed course is for those especially interested in collaborative drama, acting, and theatre. Students will be introduced to the basics of drama as a means of effective communication. Students will learn and develop basic drama skills in voice production, body movement, characterization, as well as creative thought and expression, with the purpose of working towards developing personal competencies in leadership, teamwork and relational communication (being able to express opinions, views and observations in a public appropriate manner). Students will be applying their knowledge and skills in short drama presentations including improvisation, creative movement, and scenes. It is recommended that all students attend the annual MEI Spring Production (Drama or Musical), usually in May. Students are encouraged to audition for roles or support crew in the Spring Production.

Drama 10 (MDRM-10) 4 credits
Prerequisite(s): None

This class is designed for drama enthusiasts desiring to improve public communication skills. The course covers the many facets of the dramatic arts, including characterization and role-playing, blocking, creative movement, choreography, voice production, stagecraft, and stage lighting. The main emphasis will be on communication through mime, improvisation and dramatic skill building. This is a collaborative course, where students are expected to develop skills in leadership, creativity and teamwork in various size groups of students. Projects require building communication and relational skills, while expressing personal experiences and opinions daily in class. All drama students are required to attend the Spring Production. This course requires attending a professional drama/musical production, outside of class time with the class.

NOTE: Additional cost of approximately $40-50 to cover field trip transportation and tickets

Drama 11, 12 (MDRM-11, MDRM-12) 4 credits
Prerequisite(s): MDR-09, MDRM-10, MDRM-11 or permission from the teacher

This course is designed to give students a reasonable level of competency in all essential components of Acting. Students will enhance their theatre skills through projects including, but not limited to: pantomime, improvisation, monologues,

choreography, blocking, lighting, and vocal production/accents. This is a collaborative course, where students are expected to demonstrate leadership ability, creativity and teamwork in various size groups of students. Projects require strong communication and relational skills, while expressing personal experiences and opinions daily in class. This course requires attending a professional drama/musical production outside of class time with the group. Furthermore, all theatre students are expected to take part in some capacity in the Spring Production.

NOTE: Additional cost of approximately $40-50 to cover field trip transportation and tickets.

Film & Television 11 (MDFT-11) 4 credits
Prerequisite(s): none

The Film & Television 11 course teaches students to analyze the ways in which moving images convey meaning through movement, sound, image, structure, and form and then put these principles into their own productions. Students will make a number of short films during the year as well as participate in live news broadcasts and other live streaming events. Students will learn to improvise to inspire creativity and innovation and students can choose to do this in front of the camera, behind the scenes, or both. Students will learn how to use cutting-edge videography equipment including microphones, cameras, dollys, switchers, mixes, tele-prompters, lighting, editing software (Adobe Premier, Adobe After Effects, DaVinci Resolve) and much more. Finally, students will watch and reflect on a variety of film and television productions and use the course as an opportunity to add their voice to the world around them.

Film & Television 12 (MDFT-12) 4 credits
Prerequisite(s): None

The Film & Television 12 course teaches students to bring stories to life through the visual arts. Students will plan, produce, record, and refine moving images individually and collaboratively and make a number of short films during the year as well as participate in live news broadcasts and other live streaming events. Student can choose to focus on working in front of the camera, behind the scenes, or both. Students will learn all production phases of digital filmmaking including; editing software (Adobe Premier, Adobe After Effects, DaVinci Resolve), Adobe Photoshop, as well as advanced techniques such as green-screening and motion graphics. Students will examine the influences of social, cultural, historical, environmental, and personal contexts in film and television and learn how to write and format a movie script, storyboard, and use advanced camera techniques and composition. Finally, students will watch and reflect on a variety of film and television productions and use the course as an opportunity to add their voice to the world around them.

Music - Choral

Music - Choir 9 (MMU--09)
Prerequisite(s): None

Thiscourse, which is not auditioned, is for those especially interested in music and singing. Students will be introduced to the basics of choral singing as a means of communication and worshipping our Creator. Choir students will learn how to appreciate music by listening to and analyzing all styles of music, learning how to sight sing, sing in different voice parts, attend concerts and perform in concerts themselves. All choir students are required to perform at multiple events throughout the school calendar including MEI Christmas and Spring Concerts (see School Calendar for date). Students will also attend two professional concerts throughout the year. Members of Grade 9 choir will also have a chance to audition for a specialty choir in early fall. NOTE: Additional cost for field trip approximately $40-60

Choral Music: Concert Choir 10, 11, 12 (MMUCC-10, MCMCC11, 12) 4 credits each year
Prerequisite: None

The Concert Choir 10, 11 and 12 performs choral literature in a wide range of styles, from all eras. While training levels of musical theoretical concepts and singing ability, the course has the goal of developing competencies in leadership, teamwork, and relational communication, and the group strives for a high calibre of aural and visual performance as a team. Curriculum in Concert Choir includes learning how to play the handbells and becoming confident in our reading and rhythm skills. It also includes learning how to sight sing using various methods, both aural and digital. The choir takes on many service opportunities to perform in local churches and in-school outreach programs. This course will prepare students to make an effective contribution to MEI churches, choirs and worship teams, as well as allow students to become involved in other community singing experiences after completing their secondary studies. Every second year we do a major tour with all the Grade 10-12 band and choir ensembles. Costs for this tour can range from $2000-2500+ per student (depending on location). Fundraising opportunities will be presented during the year to defray some of the costs. The tour happens in spring and lasts for approximately 7-8 days. It usually includes a major festival, school or community/cultural performances and social events along the way. The tour, as well as all concerts and events during the year, is required of all members of the group. Alternate year to the major tour could include a trip to the "CAMS" or "ACSI" festival somewhere in Canada/Western US, or one of a number of national festivals, and other more local festivals. Cost should be expected for these years as well for festival fees, transportation and accommodation, although not as high as our major tour expenses. Costs for alternate year tours will vary depending on whether we do shorter trips or one longer festival ($450-$550). Fundraising opportunities may be available through parent-led committees. NOTE: All MEI choirs also attend two professional concerts throughout the year which costs approximately $40-$60 extra per year.

Choral Music: Senior Chamber Singers 10, 11, 12 MMUCH-10, 11, 12) 4 credits per year

Prerequisite(s): Audition (September) Co-requisite(s): Enrolled in an MEI Performing Arts Choral or Band class.

This extended day course is for those who excel in vocal music. This class strives for excellence and has many awards to illustrate their past successes. Approximately 16 - 20 singers are admitted into this group, depending on the year. Focus is given to developing technical competencies in vocal intonation, phrasing, blend, balance, refinement of tone quality, enunciation and dynamics. Leadership, creativity and communication are essential skills to develop for this group. There is a high level of relational communication and accountability between group members to achieve a high calibre of visual and aural communication to audiences and each other. This course covers a wide range of literature, from Renaissance to Vocal Jazz based on the festival expectations for the year. The Chamber Singers group takes many opportunities to perform at festivals, churches, and a variety of venues throughout the year. They have regularly been on TV and have sung the anthems at Vancouver Canucks game. The 3-4 weeks leading up to the Christmas break are probably the busiest. This is why students must sign an agreement form, which outlines the coming year, with expectations, commitments and expenses in detail. Rehearsals are mandatory, meeting two mornings per week, usually Tuesday and Friday, at 7 a.m. and students are expected to attend additional rehearsals when necessary. NOTE: The Chamber Singers join Concert Choir and Concert Band on the major tour every second year. Extra costs should be expected for festival fees, transportation and accommodations. The major tour can range from $2000 - $2500+. Auditions for this group are in early September.

Choral Music: Junior Chamber Singers 9, 10 (MMU-09, MMUCH-10) 2 Credits
Prerequisite(s): Audition (September) Co-requisite(s): Enrolled in an MEI Performing Arts Choral or Band class.

Junior Chamber Singers specialize in small ensemble singing in a variety of styles. This course is for students in grades 9-10 who want to excel in music performance, especially in preparation to sing in the MEI Chamber Singers, with a more relaxed commitment and without the busyness of the Senior Chamber Singers. Approximately 16-20 students will be admitted into the group. The group will explore contemporary and traditional styles of singing including developing on-stage communication to accomplish a high calibre of musical performance. Rehearsal attendance is mandatory. Junior Chamber Singers will perform in 3 or 4 Christmas concerts including multiple events in the spring. Cost: All students will have a uniform cost plus a cost for attending 2 professional concerts with all MEI choir students. Approx: $40-60. NOTE: Auditions for this group are in early September and rehearse once a week at 7 AM in the morning.

Music - Instrumental

Drumline 9 (XDR 09)
Extended Day Course
Co-requisite(s): Band 9; Audition

Drumline is required of percussionists who are enrolled in the MEI Band program. This class gives percussionists an opportunity to enhance their drum rudiments skills and cadence playing.

NOTE: Drumline meets once a week outside of the timetable for 120 minutes.

Drumline 10, 11, 12 (YVPA-0B, YVPA-1B, YVPA-2B) 2 credits each year
Co-requisite(s): Band 09 or Music Concert Band 10 or Instrumental Music Concert Band 11/12; Audition

Drumline is required of percussionists who are enrolled in the MEI Band program. This class gives percussionists an opportunity to enhance their drum rudiments skills and cadence playing.

NOTE: Drumline meets once a week outside of the timetable for 120 minutes. This is an extended day course.

Music 9 (Band) (MMU-09)
Prerequisite(s): Music-Band 8; Audition

This class is intended for high achieving students seeking a very fulfilling and creative experience through high-level performance and commitment and is critical in preparing students for Concert Band. Students are expected to show above average competency on their instruments, and be proficient in vocal singing, and physical movement. The class works together from a method book, studies theory, and cultivates listening habits to enrich appreciation. A major component of the MEI Band program is the marching band. Students enrolled in band also participate in the marching band as part of the regular scheduled Band 9 class. The marching band is in high demand for performances throughout the lower mainland particularly, for athletic events, parades, etc. Private lessons are strongly encouraged (Abbotsford Community Music School is just down the road). Percussionists who enroll in this class are required to also participate in the MEI Drumline. The Grade 9 Band can be expected to participate in numerous concerts and performances averaging between 25-30 per year. The Grade 9 band will also participate in a travel festival with associated costs (approx. $500).

Attendance for rehearsals and performances is expected throughout the year. Festival trips are mandatory as each member is an integral member of the team and absences have a major impact overall. Absences are treated with significance and must be communicated to the director well in advance. Failure to do so can have significant impact on a student's grade and potential participation in the ensemble. Dates for trips and performance will be published well in advance so that students and parents can plan accordingly, making the necessary scheduling adjustments to accommodate these performances.
In all of this, students will be working to increase their ability to work as a team with a common goal. They will learn the fundamentals of communicating the language of music both

verbally and on their instruments. They will begin to learn to identify personal strengths and weakness and how to overcome challenges and obstacles they encounter. Students will reflect on their performances and through self and peer evaluation be able to think critically to solve problems on multiple levels (musically, physically, socially, etc.).

NOTE: 180 minutes per week of practice is required to ensure progress and overall musical proficiency is maintained. A standard of performance is expected of all members and regular evaluation of student competency will be conducted. All students must have the MEI performing arts uniform (see chart below). A band folder will be provided for $20.

Instrumental Music: Concert Band 10, 11, 12 (MMUCB-10, MIMCB-11, MIMCB-12)
4 credits each year
Prerequisite(s): Audition

The Senior Concert Band is MEI's most demanding concert band ensemble and is intended for high achieving students seeking a very fulfilling and creative experience through high-level performance and commitment. Students are expected to show above average competency on their instruments, and be proficient in vocal singing, and physical movement. The Concert Band performs at various concerts and festivals throughout the year. Attendance at festivals has reasonable transportation and accommodation costs that students are expected to cover. Preparation for festivals often involves extra rehearsal time outside of the timetable that members are required to attend. A major component of the MEI Band program is the marching band. Students enrolled in band also participate in the marching band as part of the regular scheduled Concert Band class. The marching band is in high demand for performances throughout the Lower Mainland, particularly for athletic events, parades, etc. Concert Band can be expected to participate in numerous concerts and performances averaging between 25-30 per year. Private lessons are strongly encouraged. Percussionists who enroll in this group are required to also participate in the MEI Drumline. Every second year the Music Department does a major tour with the Concert Choir and Concert Band, (Razzberry Jam and Chamber Singers). The cost of this tour can range from **$2000 - $2500+** per student. Fundraising opportunities may be presented during the year to defray some of the costs. The tour happens in spring and lasts for approximately 7 days. It usually includes a major festival, school or community performances and social events along the way. Students will be responsible for homework and assignments missed while away from school. Alternate year to the major tour could include a trip somewhere more locally (Western Canada/US), to one of a number of national festivals, and potentially other local festivals. Cost should be expected for these years as well for festival fees, transportation and accommodation, although not as high as our major tour expenses which happen every second year. Costs for alternate year tours will vary depending on whether we do shorter trips or one longer festival (approx. $500).

ATTENDANCE: Attendance for rehearsals and performances is expected throughout the year. Festival trips are mandatory as each member is an integral member of the team and absences have a major impact overall. Absences are treated with significance and must be communicated to the director well in advance. Failure to do so can have significant impact on a student's grade and potential participation in the ensemble. Dates for trips and performance will be published well in advance so that students and parents can plan accordingly, making the necessary scheduling adjustments to accommodate these performances.
In all of this, students will be working to increase their ability to work as a team with a common goal. They will learn to more adeptly communicate the language of music, both verbally and on their instruments. They will learn to identify personal strengths and weakness and how to overcome challenges and obstacles they encounter. Students will reflect on their performances and through self and peer evaluation be able to think critically to solve problems on multiple levels (musically, physically, socially, etc.). Leadership opportunities are available to exemplary students in the form of section leadership, which entails the implementation of the ensemble's vision, goals, and overall expectations.

NOTE: 180 minutes per week of practice is required to ensure that progress and overall musical proficiency is maintained. A standard of performance is expected of all members and regular evaluation of student competency will be conducted. All students must have the MEI performing arts uniform (see chart below). A band folder will be provided for $20.

Instrumental Music: Jazz Band (Bluesberry Jam) 10 (MMUJB-10) 2 credits
Prerequisite(s): Audition (September)
Co-requisite(s): Band 09, Music Concert Band 10 (Piano, Guitar, and Bass players needn't be enrolled in Band, but will need to be registered in an MEI performing arts class, e.g. Choir, Music Drama)

Bluesberry Jam is MEI's Junior Jazz Band. This course teaches the fundamentals of Jazz Band performance such as breath support, articulation, syncopation, jazz riffs and inflections, fingering dexterity and improvisation. "Blues" performs music in a variety of styles (swing, ballad, funk, and rock). The band participates at the Envision Jazz Festival in February, and performs in various concerts yearly. In this course, students will receive at least 50 hours of instruction each year.

NOTE**:** All students must have the MEI performing arts uniform (see chart below). Costs for festival fees, transportation and accommodation should be anticipated. Blues meets twice a week outside of the timetable (extended day course) for a total of 120 minutes.

Instrumental Music: Jazz Band (Razzberry Jam) 11, 12 (MIMJB-11, MIMJB-12) 2 credits
Extended Day Course
Prerequisite(s): Audition (September)
Co-requisite(s): Band 09 or Music Concert Band 10 or Instrumental Music Concert Band 11/12 (Piano, Guitar, and Bass players needn't be enrolled in Band but will need to be registered in an MEI performing arts class, e.g. Choir, Music Drama)

Razzberry Jam is MEI's Senior Jazz Band as well as premier performing jazz ensemble. For this reason, a high level of performance and commitment is expected. "Razz" performs music in all the classic and contemporary jazz styles. This band participates in several festivals and performs at a variety of venues and concerts throughout the year. Preparation for festivals often involves extra rehearsal time which members are expected to attend. Students receive at least 50 hours of instruction each year.

NOTE**:** All students must have the MEI performing arts uniform. Costs for festival fees, transportation and accommodation should be anticipated. Every second year (opposite year of the large Concert Choir/Concert Band tour) we attend the Lionel Hampton International Jazz Festival in Idaho, which generally costs around $750. Razz meets twice a week outside of the timetable for a total of 120 minutes.

Junior Worship Leadership 10, 11 0 credits 🗎 🗣
Prerequisite(s): Students must submit a completed Application through Microsoft Forms; link also available on MEI Schools website. An Audition will also be required.

This extended day course gives a coordinated introduction to the field of contemporary worship leading. Students will develop skills in worship leading through weekly rehearsals, informal discussions, and participation in public worship leading settings both in chapel and on deputation to local churches. Successful applicants will display sufficient ability either vocally or on their instrument to play skillfully before large congregations. Audio and Visual technicians are also encouraged to apply for this course. Students in this course do not need the MEI performing uniform.

NOTE: Limited enrollment. This course is offered only as an extended day course (i.e. discussions and rehearsals will take place outside of the timetable).

Senior Worship Leadership (Grade 11-12) 0 credits 🗎 🗣
Prerequisite: Students must submit a completed Application through Microsoft Forms; link also available on MEI Schools website. An Audition will also be required.

This extended day course builds onto the foundations set at the junior level, continuing with providing a coordinated introduction to the field of contemporary worship leading. Students will continue to develop their skills with the addition of bi-weekly classes where topics such as Worship Theology + Philosophy, Practical Music Theory, Songwriting, Sound Design, and many others will be discussed. Successful applicants will display sufficient ability either vocally or on their instrument to play skillfully before large congregations. Audio and Visual techs are also encouraged to apply for this course. Students in this course do not need the MEI performing uniform.

NOTE: Limited enrollment. This course is offered only as an extended day course (i.e. classes and rehearsals will take place outside of the timetable).

The MEI Performing Arts Uniforms:

All MEI performing arts groups have specific uniforms. Advanced groups may have additional uniform requirements (i.e., Marching Band and Chamber Singers – see below).

MEI Performing Arts Uniform (Band)

Shirts: MEI black dress shirt (specific women's or men's style) to be purchased from the MEI Music Department for $48.

Pants: solid black dress pants (no denim)

Socks: solid black (no spots or stripes) (ladies: black socks, knee-highs or tights)

Shoes: solid black dress shoes not suede or canvas (but rather the kind one could polish)

Accessory: **Men's** vests and bow ties will be fitted and assigned from the MEI Music Department at the beginning of the year, for a rental fee of $20 per year. **Women's** scarves to be purchased from the Music Department for $20.

MEI Marching Band Uniform (Additional uniform - supplied by MEI Music Department)

Shirts: Students will be required to purchase a personalized shirt (supplied by MEI) that is to be worn for all formal and informal marching events. Cost - $25/$40.

Hat: Students will be required to purchase a black ball cap (supplied by MEI) that is to be worn for all informal marching events. Cost - $22.

Shoes: Students will be required to purchase a pair of Adidas running shoes (supplied by MEI) that is to be worn for all formal and informal marching events. Cost - $90.

MEI Concert Choir and Chamber Singers Uniform

(supplied by MEI Music Department)

Uniforms are to be worn for all concerts unless other dress codes have been arranged. Men's shirts must be tucked in and buttoned at the neck – sleeves rolled down - and ties must be worn at all times in public at the concert venue.

Men's Shirts: Students will be required to purchase their own black dress shirt (collared – and button-down).

Men's Pants: Students will be required to purchase their own black dress pants (solid, not denim)

Men's Shoes: Students will be required to purchase their own black dress shoes (not running shoes, suede or canvas)

Men's Vests/Bow ties: will be fitted and assigned from the MEI Music Department at the beginning of the year for a fee of $20 per year.

Women's Dress: Women's choir dresses will be fitted and assigned at the beginning of the year from the MEI Music Department for a fee of $40 - 60 per year. Singers get to keep these dresses as styles and colours will be changed from year to year.

Women's Shoes: Students will be required to purchase their own black character shoes through the Music Department for $60. Details provided in class.

All Uniform rentals: Vests must be returned in excellent condition at the end of the year (including the provided garment bags and hangers – each specifically numbered). *There will be a charge for uniform pieces not returned. Vest replacement: $50. Garment bag/hanger replacement: $5.

Visual Arts

Art Education – Visual Arts 9 (MAE-09)
Prerequisite(s): None.

This course offers an overview of visual arts as a foundation for further study. Visual Arts 9 encourages experimentation as well as introducing basic technical skills and the elements and principles of design. Students will be able to use the creative process to create and respond to the arts, through group work, individual studio work, and working with a variety of materials and processes.
The students will use the elements and principles of art while learning to take creative risks to express themselves through their art. The students will also learn to appreciate and critique their own art as well as others

Art Studio 10 (MVAST-10) 4 Credits
Prerequisite(s): Visual Arts 9.

Growth as an artist requires time, patience, and reflection. This course provides students the opportunity to create artwork while exploring identity and developing artistic competency in their skills, techniques, processes and strategies. Students will explore, create, reason, and reflect, while creating artistic works. Students will learn to communicate, document, connect and expand their ideas through their art making. This will be done using a variety of media: drawing, painting, collage, and print-making.

NOTE: Needed Materials: 4H, 2H, 2B, 4B, 6B Pencils, eraser, ruler, fine-liner, shading stick and Sketchbook.
School Sketchbooks: 10$
School Supply Pack: (4H, 2H, 2B, 4B, 6B Pencils, sharpener, eraser, ruler, 2 fine-liners, shading stick): 10$

Art Studio 11 (MVAST-11) 4 Credits
Prerequisite(s): Art Studio 10

This course is designed for students desiring more advanced forms of visual expression in drawing, painting, mixed-media, sculpture and printmaking. There will be an emphasis on building more advanced technical skills in a variety of media in order to create personal and thoughtful expressions. In addition, this course covers historical and contemporary progress in art as well as focusing on the development of critical thinking skills. Visual arts reflect the interconnectedness of the individual, community, history, and society, which will be expressed by developing unique aesthetic experiences.

NOTE: Needed Materials: 4H, 2H, 2B, 4B, 6B Pencils, eraser, ruler, fine-liner, shading stick and Sketchbook.
School Sketchbooks: 10$
School Supply Pack: (4H, 2H, 2B, 4B, 6B Pencils, sharpener, eraser, ruler, 2 fine-liners, shading stick): 10$

Art Studio 12 (MVAST-12) 4 Credits
Prerequisite(s): MVAST11

Students who can only take one art class must take Art Studio 12. This course enables serious art students to work on their art portfolios and further refine their skills in various forms of visual expression. Students will be expected to do more complex pieces, as well as in-depth research, critiques, etc. This course gives art students the chance to explore new media and techniques as well as larger and more time-consuming works. Aesthetic experiences have the power to transform our perspective, and students will learn to do this through perseverance, resilience, and risk taking.

NOTE: Materials required will vary depending on student choices. Everyone must have a sketchbook and pencil.
School Sketchbooks: 10$
Large Canvas (not mandatory): (24" x 18"; 30" x 18"; 48" x 30"): 10-20$ each

Studio Arts 2D 12 (MVAD-12) 4 Credits
Prerequisite(s): Art Studio 12

This course is designed only for students wishing to take a second art class in grade 12. It is for the serious art student, capable of working independently, contemplating an art-related career or just having a keen interest in the visual arts. Students should be able to progress independently from initial concept, through research, production, evaluation and final display of their work. A primary focus of this course is the building of a strong personal portfolio. Visual arts are an essential element of culture and personal identity, and students will learn to make purposeful artistic choices that enhance depth and meaning in artistic works.
NOTE: Needed Materials: 4H, 2H, 2B, 4B, 6B Pencils, eraser, ruler, fine-liner, shading stick and Sketchbook.
School Sketchbooks: 10$
School Supply Pack: (4H, 2H, 2B, 4B, 6B Pencils, sharpener, eraser, ruler, 2 fine-liners, shading stick): 10$

Bible Education

Bible 9: Exploring the Biblical Story (XLDCA09BIB)
Prerequisite(s): None.

The Big Ideas for Bible 9 are: Scripture is the central authority for all of matters of life and doctrine, the story of God is being played out in the context of the world, the kingdom of God is the story of the world: past, present, and future, and we love and glorify God with our head, heart, and hands. This course will encourage students to study and become familiar with the overarching themes and messages of the Bible, in particular the Old Testament. An emphasis will be placed on the Story of the Bible, Understanding the Bible, and the Historical Context of the Old Testament. Students will be evaluated based on the curricular competencies of recognizing, explaining, constructing, and demonstrating.

Note: An ESV study Bible is provided for the duration of the course as a textbook.

Bible 10: Exploring the New Testament (YPHR-0A) 2 credits
Prerequisite(s): Currently enrolled in Grade 10

The Big Ideas for Bible 10 are: Scripture is the central authority for all of matters of life and doctrine, the story of God is being played out in the context of the world, Jesus is the central figure of God's story, and we love and glorify God with our head, heart, and hands. This course will encourage students to study and become familiar with the overarching themes and messages of the Bible, in particular the New Testament. An emphasis will be placed on Understanding the Bible, the Historical Context of the New Testament, and the Gospels. Students will be evaluated based on the curricular competencies of recognizing, explaining, constructing, and demonstrating.

Note: An ESV study Bible is provided for the duration of the course as a textbook.

Bible 11: Exploring Theology (YPHR-1A) 4 credits
Prerequisite(s): Currently enrolled in Grade 11

The Big Ideas for Bible 11 are: Scripture is the central authority for all of matters of life and doctrine, the story of God is being played out in the context of the world, theological study deepens one's relationship with Jesus, and we love and glorify God with our head, heart, and hands. This course will encourage students to study and become familiar with Anabaptist biblical theology and systematic theology in their historical context. Students will learn about and read from portions of the *Mennonite Brethren Confession of Faith* and from Wayne Grudem's *Christian Beliefs: Twenty Basics Every Christian Should Know* to gain an understanding of how Christian theology should affect Christian life and practice. An emphasis will be placed on Understanding the Bible, Church History, and Theology. Students will be evaluated based on the curricular competencies of recognizing, explaining, constructing, and demonstrating.

Note: An ESV study Bible is provided for the duration of the course as a textbook.

Bible 12: Exploring The Christian Life (YPHR-2A) 4 credits
Prerequisite(s): Currently enrolled in Grade 12

The Big Ideas for Bible 12 are: Scripture is the central authority for all of matters of life and doctrine, the story of God is being played out in the context of the world, kingdom life involves personal devotion to Jesus that makes one think and live like him, and we love and glorify God with our head, heart, and hands. This course will encourage students to study and become familiar with how to live out the Christian life in their context in order to provide a firm biblical foundation for their post-secondary endeavors. Time will be spent learning how to read different parts of the Bible. Students will investigate varying worldviews and the case will be made that Christianity makes the most sense of what is seen in the world. They will also be given the opportunity to participate in spiritual practices that will hopefully guide their love for Jesus for the rest of their lives. An emphasis will be placed on: Understanding the Bible, Cultural Context and the Christian Life.

Note: An ESV study Bible is provided for the duration of the course as a textbook.

Career Education

Core Christian beliefs laying the foundation for Career Education at MEI, are based on Ephesians 2:10, *"For we are God's masterpiece. He has created us anew in Christ Jesus, so we can do the good things he planned for us long ago."* We all have value and purpose, ability, unique gifts and strengths. Discerning direction and empowering students with choices in their futures of life and work, are the goals of Career Education.

Bible 9: Exploring the Biblical Story (XLDCA09BIB)
Prerequisite(s): None.

Career education curriculum is embedded in Bible 9. Students will have the opportunity, as lifelong learners, to engage in the process of career-life planning through exploration, goal setting, self-assessment, reflection, personal support networks, workplace safety and practical application. Students will be encouraged to engage with others, to meaningfully contribute to their community and to further develop their knowledge, skills and competencies. Students will have the opportunity to work with myBlueprint – http://myblueprint.ca, an online career exploration resource and to, hopefully, participate in "Take Our Kids to Work Day".

Career-Life Education (MCLE-10) 4 credits
Prerequisite(s): Completion of grade 9

Career Life Education (CLE) is a BC Ministry of Education graduation required course. CLE involves learning and experiences related to topics such as self-assessment, careers and education, goal setting, financial planning, graduation requirements, post-secondary opportunities, cover letters, resumes and interviews, essential career and employability skills, mentorship, employment standards, workplace safety and volunteer/work related experiences. Students will also continue to use myBlueprint as a career exploration and portfolio resource ~ http://myBlueprint.ca. CLE students will have the opportunity to demonstrate and further develop their employability skills through completing 20 required hours of practical Career-Life Exploration, student-organized community work or volunteer experience outside of the classroom. The 20 hours of Career-Life Exploration will need to be completed between July 1st, after grade 9, and a week before the CLE course is finished. Safety is important. Students must be able to create a WorkSafeBC Clearance Letter, for the business/organization they are working/volunteering for, which says the company is "active and in good standing". https://www.worksafebc.com/en/insurance/why-clearance-letter/get-clearance-letter.

NOTE: The Career-Life Exploration requirement must be completed in order to pass CLE. The 20 hours of Career-Life Exploration, used to meet the CLE requirement, may not be used to also meet part of the 30 required hours of Career-Life Exploration for Career Life Connections.

The 20 hours of Career-Life Exploration will need to be completed between July 1st, after grade 9, and a week before the CLE course is finished. Safety is important. Students must be able to create a WorkSafeBC Clearance Letter, for the business/organization they are working/volunteering for, which says the company is "active and in good standing". https://www.worksafebc.com/en/insurance/why-clearance-letter/get-clearance-letter.

Career Life Connections (MCLC-12) 4 credits
Prerequisite(s): Completion of Career Life Education 10 and grade 11.

Career Life Connections (CLC) is a BC Ministry of Education graduation required course. CLC will include classroom instruction, 30 hours of practical Career-Life Exploration (approved student organized community work or volunteer experience, fieldwork, entrepreneurship or special projects completed in Grade 11 and/or 12), a Capstone Project and mentorship appointments. CLC will look at topics, such as, personal assessment, post-graduation planning, career-life exploration, self-advocacy strategies, lifelong learning, active citizenship, employment marketing strategies, workplace safety, budget planning and a Capstone Project presentation. Students will also continue to use myBlueprint as a career exploration resource ~ http://myBlueprint.ca. Safety is important. Students completing 30 hours of community work or volunteer experience to meet the Career-Life Exploration requirement must be able to create a WorkSafeBC Clearance Letter, for the business/organization they are working/volunteering for, which says the company is "active and in good standing" https://www.worksafebc.com/en/insurance/why-clearance-letter/get-clearance-letter.

NOTE: Both the 30 hours of Career-Life Exploration, and Capstone must be completed in order to pass CLC. The 20 hours of Career-Life Exploration used in CLE may not be used as part of the 30 required hours of Career-Life Exploration in CLC.

Secondary Teacher Assistant 12 (YED-12A) 4 credits
Prerequisite(s): Successful completion of Grade 10. An initial "pre-screening" meeting with Career Programs staff and MEI sponsor teacher; Parental contact and permission is required, a student/parent meeting is recommended. Applicants must also be available to attend some lunch and/or after school meetings throughout the semester.

Secondary Teacher Assistant 12 is a course for students who are interested in an education related career. Students will have the opportunity to be mentored by an MEI sponsor teacher, and work directly with that teacher in their grade 9 or 10 subject matter course, in a "pre-practicum" context. Students will gain a greater understanding of working in the education field through mentorship, assisting with individual and/or groups of students, and helping with general classroom and educational tasks that support a positive learning environment. Students will have the opportunity to demonstrate and further develop employability skills that they will be able to transfer to many areas of their life, including their future career.

Secondary Teacher Assistant 12 involves a minimum of 90 hours working as a teacher assistant and is scheduled as a full semester STA 12 block, in the same period as their assisting course. Also includes about 10 hours of additional course work, with some required lunch and/or after school meetings, readings, reflections, self-assessment, leading small group and/or class activities/lessons, and a final project/presentation.

Work Experience 12A & 12B (MWEX-2A and MWEX-2B)
4 credits each
Prerequisite(s): WEX 12A - Successful completion of Grade 9, or permission from Career Programs Coordinator; WEX 12B - Successful completion of WEX 12A. An initial "pre-screening" meeting with Career Programs staff, Parental contact and permission is required, a student/parent meeting is recommended.

Through a shared partnership with the Key Learning Centre (KLC), a Provincial Online Learning School (POLS) in BC, MEI is offering Work Experience (WEX) Ministry Program to qualified students. WEX courses are designed for students who wish to engage in career exploration and further develop their employability skills through practical, "hands-on" paid work or volunteer experience. *WEX courses also meet the Ministry of Education 4 credit Gr. 10, 11 or 12 Arts Education/Applied Design, Skills and Technologies graduation requirement*.

Each WEX course involves 90 hours of practical, "hands-on" work or volunteer experience and approximately 10-20 hours of online work, including a final project/presentation. Hours are typically completed outside of school hours, or during the school day for Grade 11 and 12 students who can work out scheduling and personal transportation.

Students are currently responsible to find their own work/volunteer placement(s). Safety is important. Students must be able to create a WorkSafeBC Clearance Letter, for the business/organization they want to work/volunteer for, which says the company is "active and in good standing" - https://www.worksafebc.com/en/insurance/why-clearance-letter/get-clearance-letter.

NOTES:

- WEX students will also earn an additional 2 credits by completing Connect Ed 11.
- MEI Secondary has established a partnership with our MEI Elementary and Middle schools, and so Grade 11 and 12 students, who are interested in pursuing an education related career are invited to apply for the WEX Pre-Practicum Program (PP), for the "MEI Elementary or Middle School Teacher Assistant". *Students who participate in WEX PP, will have a WEX STUDY block for one semester, while they assist in their sponsor teacher's classroom. Sponsor teacher placements are made my MEI staff.
- FAQ sheet for WEX PP at Elementary or Middle https://www.canva.com/design/DAGXnXonp_w/5zsdDUWCFEK-DXtuYV8LIw/view?utm_content=DAGXnXonp_w&utm_campaign=designshare&utm_medium=link&utm_source=editor

Youth Work in Trades 11A, 11B, 12A and 12B (MWRK-1A, MWRK-1B, MWRK-2A and MWRK-2B) 4 credits each 🗎 🛠
Prerequisite(s): At least 14 years old. An initial "pre-screening" meeting with Career Programs staff, followed by a student/parent meeting, will also be required.

Through a shared partnership with the Key Learning Centre (KLC), a Provincial Online Learning School (POLS) in BC, MEI is offering Youth Work in Trades (WRK) Program to eligible students. Youth Work in Trades is a provincial ministry program that gives eligible students the opportunity to begin accruing work-based training hours in a red seal certified trade as an apprentice, while still in high school. The SkilledTradesBC Website has information on over 90 Trades and Youth Programs. https://skilledtradesbc.ca/.
WRK courses also meet the Ministry of Education 4 credit Gr. 10, 11 or 12 Arts Education/Applied Design, Skills and Technologies graduation requirement.

Each WRK course involves 120 hours of practical, "hands-on" trades related experience and approximately 5 hours of online work. Hours may be completed outside of school hours, or during the school day for Grade 11 and 12 students who can work out scheduling and personal transportation. Students will be expected to complete the Youth Work in Trades Program within 2 years and may then be eligible to apply for a $1000 post-secondary Award. https://blog.gov.bc.ca/ecc-dm-bulletin/article/youth-work-in-trades-award-redesign-update/

Students are currently responsible to find their own work/trade placement. Safety is important. Students must be able to create a WorkSafeBC Clearance Letter, for the company they want to work for, which says the company is "active and in good standing" - https://www.worksafebc.com/en/insurance/why-clearance-letter/get-clearance-letter.

- WRK students will also earn an additional 2 credits by completing Connect Ed 11

English Language Arts Education

English Language Arts courses at MEI all emphasize the development of the curricular competencies set out in the British Columbia curriculum: comprehension & connection (reading, listening, viewing), and creation & communication (writing, speaking, representing). In terms of content, MEI's English courses employ a number of texts, both contemporary and traditional, to explore relationships between God and humanity, between people of various cultures, and between individuals and their societies. One of the goals of English Language Arts is also to recognize and appreciate the role of story, narrative, and oral tradition in expressing First Peoples perspectives, values, beliefs, and points of view In all courses, students will be asked to communicate ideas in oral and written form, to think critically and creatively, and to develop personal connections to the texts studied in class.

English Language Arts 9 (MEN-09) 4 credits
Prerequisite(s): English Language Arts 8

English 9 leads students to deepen and broaden their competencies in reading comprehension and communication. It seeks to stimulate an appreciation for good literature and a sense of values as students interact, interpret, evaluate and respond to a variety of literary forms. There is a final exam worth 15% of the final grade.

Literary Studies 10/Composition 10 (MLTST-10 & MCMPS-10)
4 credits (2 cr. + 2 cr.)*
Prerequisite(s): MEN—09

This course deals with an in-depth study of the curricular competencies of language: comprehension & connection (reading, listening, viewing), and creation & communication

(writing, speaking, representing). One of the goals of English 10 is also to recognize and appreciate the role of story, narrative, and oral tradition in expressing First Peoples' perspectives, values, beliefs, and points of view. Literature also explores our relationships between God and humanity. In this course, students will be asked to communicate ideas in oral and written form, to think critically and creatively, and to develop personal connections to the texts studied in class.

NOTE: *This 4 credit course is the combination of two grade 10 Ministry Authorized English Language Arts 10 courses: Literary Studies 10 (MLST10) 2 credits and Composition 10 (MCMPS10) 2 credits. Students will receive the same final mark for both course since they are integrated into one class. There is a final exam worth 20% of the final grade.

Literary Studies 11 (MLTST-11) 4 credits
Prerequisite(s): MLTST10 & MCMPS10

This course enhances the competencies described in English 10 with a more advanced application of literature analysis, including understanding of short stories, novels, poetry, essays and drama. It also focuses on creative and informative writing of short stories, poetry and various types of essays including research writing. In addition, students will acquire knowledge of the conventions of language, such as vocabulary, grammar, punctuation and sentence structure. There is a final exam worth 25% of the final grade.

English Studies 12 (MENST-12) 4 credits
Prerequisite(s): MLTST11

This course helps students to deepen and broaden their reading, comprehension and communication competencies. It seeks to stimulate an appreciation for great literature of different genres and a sense of Christian values as students interact, interpret, evaluate and respond. There is a final exam worth 30% of the final grade.

English Language Arts Honours Pathway

English Language Arts Honours courses 9 to 11 are designed to challenge students with an enriched curriculum that will prepare them for the Advance Placement (AP) English Literature and Composition 12 course and also to write the (AP) English Language exam in their senior year of high school. The course material in the English Language Arts Honours Program is enriched, the skills required are more advanced and the concepts are covered in more depth.

IMPORTANT: English Honours classes will be offered only if there are enough students (usually 15) who select it, meet the prerequisite and can fit this class on their timetable without conflict with other courses. To apply, submit an application form through MyEducation BC Student Course Selection, or MEI schools website.

English Language Art 9 Honours (MEN-09) 🗎
Prerequisite(s): Successful completion of English Language Arts 8 and department head approval.

English Language Arts 10 Honours (MLTST-10 & MCMPS-10) 4 credits (2 cr.+2 cr.) 🗎
Prerequisite(s): Successful completion of English Language Arts or Honours with PRF or better and/or teacher's permission.

NOTE: This course will complete Literary Studies 10 (2 credits) and Composition 10 (2 credits) and prepare students for Literary Studies 11 Honours.

Literary Studies 11 Honours (MLTST-11) 4 credits 🗎
Prerequisite(s): Successful completion of English Language Arts 10 Honours with 80% or better and/or teacher's permission.

NOTE: This course will complete the requirement for MELST11.

Advanced Placement (AELC) English Literature and Composition 12 (MLTST-12) 4 credits 🗎
Prerequisite(s): Successful completion of MELST11H with 80% or better and/or teacher's permission.

AP is a widely recognized program that most Canadian universities recognize as the equivalent of first-year coursework. For example, a student who scores a 4/5 or 5/5 on the AP English exam will be granted first year credit at most PSI.
NOTE: This course meets the requirement for the completion of MENST12 (4 credits). Students will receive a total of 8 credits for taking this course.

Language Development & Culture
(Available for International Students Only)

Language and Culture 10 (YESFL-0B) 2 credits
Board/Authority Authorized (BAA) Course
Prerequisite(s): International students only. Permission from instructor required.

The course focuses on the English language skills students require to be effective communicators in the classroom, to build upon their knowledge of life with a homestay, and to continue to acclimatize them to Canadian life. The course is based on the principle that in order to be successful in the Canadian classroom and society, students must acquire foundational skills in communication, Canadian culture and history. It focuses on developing student's skills and increasing their knowledge in ways that will allow them to be more effective in English in the regular academic stream. The goal of this course is for students to develop skills and increase knowledge through classroom lessons, activities and exercises. Students will practice and improve skills that will enhance their academic performance and enrich their experience in Canadian society. The course also places an emphasis on the acquisition of knowledge of the Indigenous perspective through Indigenous literature and other media.

Global Intercultural Studies

Complement to MEI Service Trips • Includes (partial) trip reimbursement upon completion • Please see Mrs. L. Weiss in Career Programs.

Global Intercultural Studies (GIS) is an online elective designed to prepare students for MEI Service Trips by developing cultural awareness, global citizenship understanding, and reflective service practices. Offered in partnership with the Key Learning Centre (a Provincial Online Learning School), GIS combines independent online coursework with hands-on service experience. Student must be placed on a Service trip team to apply. (*Some exceptions may include a personalized service plan.) Course registration takes place by early November (exact dates are published in the fall) and a strict timeline of due dates will follow.

Students participating in Service Trips enroll with KLC in the following three courses:

World Citizenship 12 2 credits. (approx. 2-3 weeks to complete)

This course is an introduction to Brightspace online learning, with a focus on the personal relevance of work, service, and global engagement.

Global and Intercultural Experiences 12A 4 credits (approx 5-6 weeks to completed, including Christmas Break)

Exploration of culture, diversity, and intercultural analysis. Requires completion of 60 service hours.

Global and Intercultural Studies 12B 4 credits. (approx. 5-6 weeks to complete, including Exam week.)

Examination of cultural values, ethics, and the significance of service. Requires completion of an additional 60 service hours.

Course Requirements

- Completion of all online modules prior to Service Trip departure (approx. 20–40 hours).
- Students work independently or in small groups. Assignments include readings, audio lessons, multiple-choice content checks, and reflective writing. All assignments must be completed individually.
- One major research project on the partner organization or destination country, completed before trip departure
- 60 hours of service per course during the Service Trip (120 hours total for 12A & 12B). (all MEI Service trips, whether abroad or local, easily meet this time requirement.)
- Final Capstone: Team Sharing Night presentation is the final project assessment (personal interview may be required).

Financial Component
Upon successful completion of the full GIS course, a total of **$760** is credited toward the student's Service Trip.

Teaching and Leadership Education

Leadership Courses

APEX: Student Leadership 9, (XLDCA 09) 2 credits.
Prerequisite(s): Students must submit a completed application through Microsoft Forms; link also available on MEI Schools website. Limited enrollment.

This course (Wednesday mornings 7:00 - 8:00 a.m.) is designed to introduce students to leadership qualities and encourage students to be positive leaders in the school and community. Students will examine and discuss leadership qualities such as personality, behaviour, influence, and service. They will plan and participate in activities that will promote a positive atmosphere in our school and community. They will complete approximately 4 hours of school/community service each term.

NOTE: Cost $15-$100 for workshops / retreats / seminars (most are optional).

APEX: Leadership 10, 11, 12 (YIPS-0A) (YIPS-1A) (YIPS-2A)
2 credits each year
Prerequisite(s): completion of APEX: Leadership 9 is recommended. Limited enrollment. Students must submit a completed application through Microsoft Forms; link also available on MEI Schools website. Limited enrollment.

This course (Wednesday mornings 7:00 - 8:00 a.m.) is an extension of the Introductory Leadership courses. It is designed to build on students' knowledge and experience in leadership. Students will be increasingly involved in school and community events. They will play significant role in the planning and execution of the annual Christmas Banquet and several other large-scale events. They will study current leadership theory and learn more about what it means to be an effective and positive leader. They will complete approximately 5 hours of school and community service per term.

NOTE: Cost $15-$100 for optional workshops / retreats / seminars.

Student Athlete Captain's Course + Committee (YSACC-10, 11 and 12) 2 credits
By connecting like-minded athletes at MEI, SACC aims to provide identified students an opportunity to voice their collaborative ideas respective to their sport and teams. Mrs. Neufeld will develop student athletes' leadership capacity through self-awareness and team dynamic focuses, and channel the

development of a leadership toolkit for aspiring individuals. This two credit course will also equip athletes to navigate the demands of high school athletics and post secondary athletics. This course requires an application through Coach Neufeld.

Math Education

Mathematics Pathways

The Common Curriculum Framework for Grades 9–12 Mathematics includes three pathways: Workplace Mathematics, Foundations of Mathematics, and Pre-calculus. See the *Mathematics Pathways Diagram* attached indicating the MEI Minimum Pre-requisites and Sample Post-Secondary Options. Each pathway is designed to provide students with the mathematical understandings, rigour and critical-thinking skills that have been identified for specific post-secondary programs of study and for direct entry into the work force. Problem solving is also an important component and appears throughout each course at various times.

Workplace Mathematics Pathway
This pathway is designed to provide students with the mathematical understandings and critical-thinking skills into the work force. Topics include Algebra, Geometry, Measurement, Numbers, Statistics and Probability.

Foundations of Mathematics Pathway
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.
Topics include Financial Mathematics, Geometry, Measurement, Numbers, Logical Reasoning, Relations and Functions, Statistics and Probability.

Pre-Calculus Pathway
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. Topics include: Algebra, Numbers, Measurement, Relations and Functions, Trigonometry, and Permutations, Combinations and Binomial Theorem.

Prerequisite(s) General: Students are expected to meet all course prerequisites and will be placed into appropriate courses, unless they receive written permission from Mr. Balzer, Math Department Head. Therefore, students should choose the appropriate Math course based on their current math average this year. In June, the Math Department will place students who, according to their final mark do not meet prerequisites, in the appropriate Math courses.

Questions & Answers

Which Math course is best suited to my student?

While there is no "rule" about which Math course is right for each student, the decision can be made easier by thinking about your student's ability and interest in Math, and future education and career plans. The new courses have been designed to facilitate student success after high school. For example:

- If your student has struggled in Mathematics 8 or Mathematics 9, enjoys working on projects or hands-on activities, or intends to pursue a trade or technical job after high school, then the Workplace Mathematics pathway is the best choice.
- If your student enjoys working on projects or hands-on activities, or is planning further studying in the Social Sciences like Economics or Arts or Humanities at post-secondary, then the Foundations pathway will be the best choice.
- If your student has been very successful in Math 9, enjoys the challenges of Math, and is thinking about future education or a career that involves Sciences or Engineering at a university, then starting the Pre-Calculus pathway will be the best choice.

Your student's educational choices after high school depend, in part, on the courses they take in high school. To make an informed decision about which course is best suited for your student, you need to find out as much as you can about each pathway. Parents and students need to remember that grade 10 has ONLY two math courses available but there are three pathways in grade 11 to 12.

What happens if we change our mind about the course decision that we have made?
Because the three pathways were designed to give students different skills, attitudes and knowledge for different career and post-secondary paths, they were not designed specifically to allow for lateral movement between pathways. As a result, MEI will not be suggesting students move from one pathway to another, once a choice has been made and a student is working is one pathway's courses. Students who choose grade 10 Workplace Mathematics CANNOT move to the Foundations stream or Pre-Calculus stream. However, students who have successfully completed the common Foundations of Math and Pre-Calculus 10 can transfer to Workplace Mathematics 11.

Mathematics Courses

Workplace Mathematics 9 (MMA-09)
Prerequisite(s): This course is for students who need more review and practice in order to be sufficiently prepared for Math 9 or who have chosen the Workplace pathway. Grade 9 students will be placed in Workplace Math 9 by the Secondary School Administration based on their performance in Math 8.

This will prepare students for Workplace Mathematics 10 and 11 pathway. Students who do not successfully complete this course must repeat it before moving on to Workplace Mathematic 10. This course includes the following components: Number, Number Operations, Data Analysis, Integers, Fractions, Geometry and Measurement.

NOTE: A notebook, scientific calculator, pencil, eraser, ruler and geometry set are required.

Workplace Mathematics 10 (MWPM-10) 4 credits
Prerequisite(s): Successful completion of (EMG or better) MWPM-9 or EMG in MMA-9

This course is designed to develop students' curricular competency in the following areas: reasoning and modeling, understanding and solving, communicating and representing, connecting and reflecting. Topics include unit conversion, measurement (area & volume), graphing, income, basic trigonometric ratios and statistics. The focus of this course is on problem solving, and Indigenous perspectives are reflected within the learning standards. During this course, students will be self-evaluating their own learning as a method of formative assessment, and they will also be assessed with various activities, projects, quizzes and chapter tests. Core competencies such as communication skills, thinking skills and personal and social responsibilities will also be embedded and developed throughout the course to engage students in life-long learning.

NOTE: a student workbook is provided. A scientific calculator is required.

Workplace Mathematics 11 (MWPM-11) 4 credits
Prerequisite(s): 50% or better in MWMP-10 or 50% in MFMP-10

This course is designed to develop students' curricular competency in the following areas: reasoning and modeling, understanding and solving, communicating and representing, connecting and reflecting. Topics include financial literacy (personal investments, loans, and budgeting), rate of change, how probability and statistics are used in different contexts, interpreting graphs in society, 3D objects: angles, views, and scale diagrams. The focus of this course is on problem solving, and Indigenous perspectives are reflected within the learning standards. During this course, students will be self-evaluating their own learning as a method of formative assessment, and they will also be assessed with various activities, projects, quizzes and chapter tests. Core competencies such as communication skills, thinking skills and personal and social responsibilities will also be embedded and developed throughout the course to engage students in life-long learning.

NOTE: a student workbook is provided. A scientific calculator is required.

Mathematics 9 (MMA-09)

Prerequisite(s): Successful completion of regular Mathematics 8 program, with teacher recommendation.

Welcome to Math 9! This course is designed to develop students' curricular competency in the following areas: reasoning and modeling, understanding and solving, communicating and representing, connecting and reflecting. Topics include: operations with rational numbers, exponents and exponent laws, operations with polynomials, linear relations, graphing, multi-step linear equations, spatial proportional reasoning, statistics and financial literacy. The focus of this course is on problem solving, and Indigenous perspectives are reflected within the learning standards. During this course, students will be self-evaluating their own learning as a method of formative assessment, and they will also be assessed with various activities, projects, quizzes and chapter tests. Core competencies such as communication skills, thinking skills and personal and social responsibilities will also be embedded and developed throughout the course to engage students in life-long learning. There is a final exam worth 15% of the final grade.

Foundations of Mathematics and Pre-Calculus 10 (MFMP-10) 4 credits
Prerequisite(s): DEV, PRF or EXT in MMA-9 (Math 9 Workplace does not qualify)

This course is a **common program** for students desiring to carry on in either the **Foundations of Mathematics 11 and 12** pathway or the **Pre-Calculus 11 and 12** pathway.
This course is designed to develop students' curricular competency in the following areas: reasoning and modeling, understanding and solving, communicating and representing, connecting and reflecting. Topics include operations with exponents, prime factorization, functions and relations, linear functions, arithmetic sequences, systems of linear equations, polynomials, primary trigonometric ratios, and financial literacy. The focus of this course is on problem solving, and Indigenous perspectives are reflected within the learning standards. During this course, students will be self-evaluating their own learning as a method of formative assessment, and they will also be assessed with various activities, projects, quizzes and chapter tests. Core competencies such as communication skills, thinking skills and personal and social responsibilities will also be embedded and developed throughout the course to engage students in life-long learning.

NOTE: a student workbook is provided. A scientific calculator is required. This course has a final exam worth 20% of the final grade.

Foundations of Mathematics 11 (MFOM-11) 4 credits
Prerequisite(s): 60% or better in MFMP-10

This course is for students desiring to carry on, if needed, in the Foundations of Mathematics 12 pathway. This course is designed to develop students' curricular competency in the following four areas: reasoning and modelling, understanding and solving, communicating and representing, connecting and reflecting. Topics include numbers, computational fluency, patterning, geometry, data and probability, as well as financial literacy. The focus of this course is on problem solving, and Indigenous perspectives are reflected within the learning standards. During this course, students will be self-evaluating their own learning as a method of formative assessment, and they will also be assessed with various activities, projects, quizzes, as well as chapter tests. Core competencies such as communication skills, thinking skills and personal and social responsibilities will

also be embedded and developed throughout the course to engage students in deep learning and life-long learning.
NOTE: student workbook is provided. Graphing calculator is required. This course has a final exam worth 25% of the final grade.

Foundations of Mathematics 12 (MFOM-12) 4 credits
Prerequisite(s): 60% in MFOM-11 or 50% in MPREC-11

This course is designed to develop students' curricular competencies in the following four areas: reasoning and modelling, understanding and solving, communicating and representing, connecting and reflecting. Topics include financial planning, combinatorics, probability, regression analysis, exponential and logarithmic functions and equations, as well as trigonometric functions and applications. The focus of the course is on problem solving, with Indigenous perspectives reflected within the learning standards. Students will be assessed through various activities, quizzes and unit tests. During the course, students will also be self-evaluating their own learning as a method of formative assessment. Core competencies such as communication and thinking skills, personal and social responsibilities will be encouraged throughout the course in order to engage students in life-long learning.

NOTE: A student workbook is provided. A graphing calculator is required. This course has a final exam worth 30% of the final grade.

Pre-Calculus 11 (MPREC-11) 4 credits
Prerequisite(s): 73% or better in MFPM-10 (Math 10 Workplace does not qualify). This course is for students desiring to carry on, if needed, in the Pre-Calculus 12 pathway.

This course is designed to develop students' curricular competency in the following areas: reasoning and modeling, understanding and solving, communicating and representing, connecting and reflecting. Topics include operations with radicals, graphing and solving quadratic equations and systems of quadratic equations and inequations, rational expressions, primary trigonometric ratios, and financial literacy. The focus of this course is on problem solving, and Indigenous perspectives are reflected within the learning standards. During this course, students will be self-evaluating their own learning as a method of formative assessment, and they will also be assessed with various activities, projects, quizzes and chapter tests. Core competencies such as communication skills, thinking skills and personal and social responsibilities will also be embedded and developed throughout the course to engage students in life-long learning.

NOTE: A student workbook is provided. Graphing calculator is required. This course has a final exam worth 25% of the final grade.

Pre-Calculus 12 (MPREC-12) 4 credits
Prerequisite: 67% or better in MPREC-11

This course is designed to develop students' curricular competencies in the following four areas: reasoning and modelling, understanding and solving, communicating and representing, connecting and reflecting. Topics include transformations, exponential functions and equations, geometric sequences and series, logarithmic functions and applications, trigonometric functions and identities, as well as conics. The focus of this course is on problem solving, with Indigenous perspectives reflected within the learning standards. Students will be assessed through various activities, quizzes and unit tests. They will also be given the opportunity to self-evaluate their own learning through formative assessment. Core competencies – thinking and communication skills, personal and social responsibilities - will be developed throughout the course to encourage students towards life-long learning.

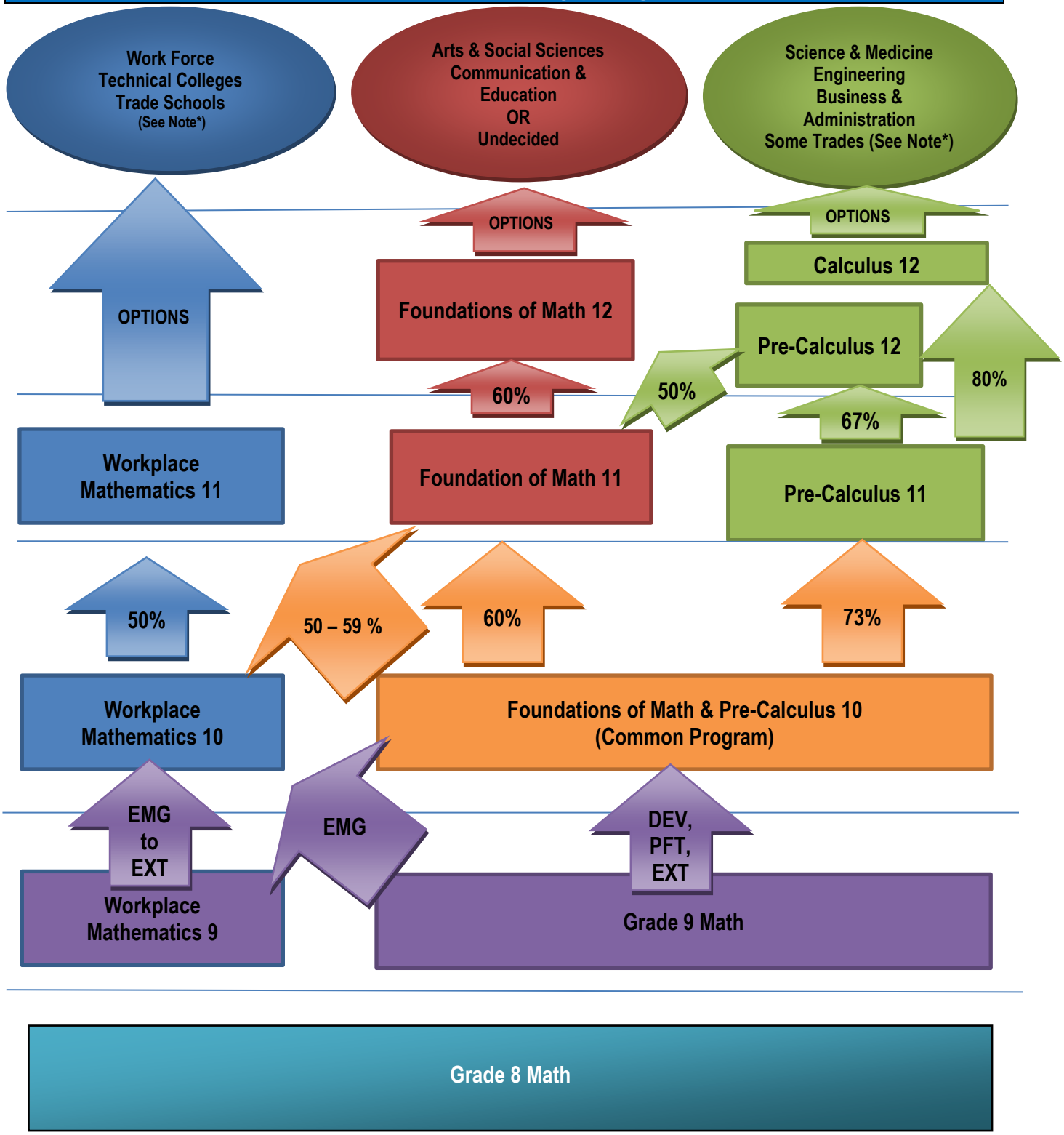
NOTE: A student workbook is provided. A graphing calculator is required. This course has a final exam worth 30% of the final grade.

Calculus 12 (MCALC 12) 4 credits
Prerequisite(s): 80% or better in MPREC-11 and 80% or better in MPREC-12

This course is a pre-cursor for any student wishing to take post-secondary calculus. This course is designed to develop students' curricular competency in the following areas: reasoning and modeling, understanding and solving, communicating and representing, connecting and reflecting. Topics include derivatives, differentiation rules and applications, integrals and applications of integration. The focus of this course is on problem solving. During this course, students will be self-evaluating their own learning as a method of formative assessment, and they will also be assessed with various activities, projects, quizzes and chapter tests. Core competencies such as communication skills, thinking skills and personal and social responsibilities will also be embedded and developed throughout the course to engage students in life-long learning. This course has a final exam worth 30% of the final grade.

See ***Mathematics Pathways Diagram*** on the following page

Mathematics Pathways Diagram



Grade 8 Math

NOTE*: Some trades schools (e.g. Electrical at BCIT) require Pre-Calculus 11 or 12. Some post-secondary institutions (e.g. UBC Okanagan or UFV) do not have a mathematics pre-requisite preference as part of their admission. Please consult the general or program specific admission requirements of any PSI of your choice to know in advance what mathematics pre-requisite they are asking for.

Physical and Health Education

Physical and Health Education 9
(MPHE-09-Boys, MPHE-09-Girls)
Prerequisite(s): MPHE-08

This course will integrate the MEI faith-based values with the BC Government Curricular ideas. The overarching principles are:

1. Daily participation in different types of physical activity influences our physical literacy and personal health and fitness goals.
2. Lifelong participation in physical activity has many benefits and is an essential part of a healthy lifestyle.
3. Healthy choices influence our physical, emotional, and mental well-being.
4. Healthy relationships can help us lead rewarding and fulfilling lives.
5. Advocating for the health and well-being of others connects us to our community.

The physical education component of this course provides students with the knowledge, understanding, attitudes, abilities and fundamental skills required to maintain active physical health both now and in the future. Students will also participate in various individual/dual and fitness activities as well as in various team games. The health education component of this course provides students the ability to identify factors that influence health messages from a variety of sources, and analyze their influence on behaviour. It also provides students strategies for avoiding and/or responding to potentially unsafe, abusive, or exploitive situations. It proposes approaches for developing and maintaining healthy relationships and create plans for promoting the health and well-being of the school and community. There will be opportunity within this course to examine strategies for promoting mental well-being for self and others, to assess and evaluate strategies for managing problems related to mental well-being and substance use. Students will also create and evaluate strategies for managing physical, emotional, and social changes during puberty and adolescence and explore and describe factors that shape personal identities, including social and cultural factors.

NOTE: PE Gym strip is available from PE teacher on first day of class. ($20 shorts, $20 t-shirt payable through Cash Online)

Physical and Health Education 10
(MPHED10-Boys, MPHED10-Girls) 4 credits
Prerequisite(s): MPHE-09

This course involves similar activities as PE 9; however, students will be expected to demonstrate a higher degree of skill in the competencies.

This course will integrate the MEI faith-based values with the BC Government Curricular ideas. The core competencies are:

1. Mental Well Being - Students will analyze strategies for promoting mental well-being for self and others as well as managing physical, emotional and social changes during puberty.
2. Physical Literacy - students develop, refine, and apply fundamental movement skills in a variety of physical activities and environments.
3. Healthy and Active Living - provides opportunities for students to participate daily in physical activity designed to enhance and maintain health components of fitness.
4. Social and Community Health - students develop positive interpersonal behaviors, healthy relationships, and creating strategies for promoting health and well-being of self, school, community and others.

The physical education component of this course provides students with the knowledge, understanding, attitudes, abilities and fundamental skills required to maintain active physical health both now and in the future. Students will need to show competence in a variety of physical situations and tasks.
The health education component of this course continues to build on MPHE-9 provides students the opportunity to demonstrate skill in the social, community and mental health competencies.

NOTE: PE Gym strip is available from PE teacher on first day of class. ($20 shorts, $20 t-shirt payable through Cash Online)

Active Living 11, 12 (MACLV-11,12) 4 credits each year
Prerequisite(s): MACLV11: Grade 10 completion; MACLV12: Grade 11 completion and Permission of the Instructor.

This course will integrate the MEI faith-based values with the BC Government Curricular ideas. Physical Education 11 and 12 are elective programs at MEI with a broader scope of activities than MPHE-09 or grade 10 MPHED---Boys, MPHED---Girls.
The overarching principles are:

1. Physical Literacy: Physical activity is an important part of overall health and well-being.
2. Health and Active Living: Finding enjoyable recreational activities can motivate people to participate more regularly in physical activity.
3. Personal and Community Health: Safety and injury prevention practices allow lifelong participation in physical activities. Reasonable choices affect physical and mental health.

These two courses will give students an opportunity to develop their physical fitness through performance, and leisure activities that all foster a balanced, healthy lifestyle. Students will be required to investigate, analyze and discuss healthy choices, healthy relationships, positive mental health and fostering community. Students will be required to display competence in leadership/serving the community via Service Hours for the school and Athletics Department**.** Students will be required to complete a minimum of 15-20 hours of service per year beyond regular class time to pass the class. Students are expected to have a positive attitude towards all activities and serving the school via the Physical Education Department.

NOTE: Activity fees of $90-100 for MACLV11 boys and MACLV11 girls; and $100-120 for MACLV12 boys and MACLV12 girls. (Payable through Cash Online)

Advanced Performance Physical Education 11, 12 (YHRA-1A, YHRA-2A) 4 credits
Prerequisite(s): Students must submit a completed Application through Microsoft Forms; link also available on MEI Schools website. An instructor interview is also required. Limited enrollment.

This is a course designed for high performance level athletes who are interested in augmenting their training regime through a sport-specific training program. The course will involve the students demonstrating competence in the following training programs: plyometrics, sport-specific weight training, jump program, agility and core training, aerobic and anaerobic training, skill development, self-reflection and analysis. Students will demonstrate a variety of competencies in the areas of sports psychology, nutrition, and mental toughness. Students considering this course must be highly self-motivated, interested in training and prepared to work to their maximum potential in each class.

There are limited spots available in this course. Preference will be given to those who participate on school teams.

NOTE: Gym strip is available from PE teacher on first day of class. ($20 shorts, $20 t-shirt payable through Cash Online)

Outdoor Education 11, 12 (MODED-11, 12) 4 credits
Prerequisite(s): Students must submit a completed Application through Microsoft Forms; link also available on MEI Schools website. An instructor interview is also required. Recommended: C or better in MPHE-09, PHED-10 or MACLV-11. Limited enrollment (16 seats). **Priority given to senior students.**

This extended day course is designed to allow students with an interest in outdoor pursuits an opportunity to explore many different outdoor activities. These include hiking, backpacking, mountain biking, kayaking, rock climbing (indoor and outdoor), snowshoeing, alpine touring (skiing/snowboarding), backcountry winter camping, orienteering, and caving. Through these activities, students will develop technical skills, environmental awareness, sense of community, sense of self and personal health and fitness. They will also learn skills in leadership, trip planning and preparation, first aid, route finding and risk management. There will be several mandatory multi-day trips requiring students to miss school days; therefore, students must be able to maintain their grades in other courses. Students will be evaluated using a variety of approaches, including personal journals, skill presentations, reports, class projects and practical camp situations. This is a linear extended day course, meaning we will meet once or twice a week immediately after school throughout the year (3:00 to 4:30 pm - days to be determined). The course fee is $900, which will cover mandatory activities. It is necessary for students to obtain suitable layered clothing including a waterproof-breathable jacket, as well as a sleeping bag, a sleeping pad and good hiking boots. The school will provide students with backpacks, tents, tarps, water purification systems, stoves, pots, fuel, and over bags.

NOTE: This course is extremely dependent on environmental conditions and consequently the outline of activities listed above is subject to change. Outdoor activities will depend on the weather, time and the ability of the class. Field trips will be dependent on the above conditions as well as scheduling. If the instructor is not entirely qualified to teach segments of the course, experts in the field will be hired to ensure complete safety from foreseeable hazards.

Psychology Education

Introduction to Psychology 12 (YPSYC-2A) 4 credits
Prerequisite(s): Completion of grade 11

In this introductory course, students will survey from a Christian worldview eight selected units from the first post-secondary year program in the field of psychology. Those units include: (1) The Science of Behavior, (2) Studying Behaviour Scientifically, (3) Biological Foundations of Behaviour, (4) Sensation and Perception, (5) States of Consciousness, (6) Stress, Coping, and Health, (7) Psychological Disorders, and (8) Treatment of Psychological Disorders. This course will be taught from the perspective that the search for truth is the primary goal of Christian education, and scientific discovery that integrates with scriptural principles can illuminate our understanding of each other and ourselves as God's creation. However, this course will also reflect on Indigenous perspectives for each of the units covered. This course has an academic rigor to it. Students are expected to read a vast section of the textbook, remember and understand a large amount of content and use critical thinking skills to reflect on the key concepts of this course.

NOTE: This course does not qualify as an academic course for university admission.

NOTE: Textbook provided: Passer, M. W., Smith, R. E., L, A. M., B, M. J., & W., M. D. (2011). *Psychology Frontiers and Applications Fourth Canadian Edition.* McGraw-Hill Ryerson.

Science Education

The core competencies for all our science courses are to develop students' abilities to question and predict, plan and conduct, process and analyze data and information, evaluate, apply and innovate, and to communicate. Each course has its curricular competencies that center on 3-4 "Big Ideas".

Science 9 (MSC-09)
Prerequisite(s): MSC-08
In this course, students will continue to develop the science curricular competencies while exploring four big ideas: 1. Cells are derived from cells. 2. The electron arrangement of atoms impacts their chemical nature. 3. Electric current is the flow of

electric charge. 4. The biosphere, geosphere, hydrosphere, and atmosphere are inter-connected, as matter cycles and energy flows through them. The course completion is a prerequisite for Science 10. There is a final exam worth 15% of the final grade.

Science 10 (MSC-10) 4 credits
Prerequisite(s): MSC-09

In this course, students will continue to develop the science curricular competencies while exploring four Big Ideas:

1. DNA is the basis for the diversity of living things.
2. Energy change is required as atoms rearrange in chemical processes.
3. Energy is conserved, and its transformation can affect living things and the environment.
4. Explore to what extent the formation of the universe can be explained by the big bang theory.

The course completion is a prerequisite for all senior science courses. There is a final exam worth 20% of the final grade.

Junior Science Honours Program

The Junior Science Honours Program is designed to challenge students with an enriched science curriculum that develops a depth of understanding. The courses highlight critical thinking, leadership, character, teamwork, collaboration, advanced lab skills and competitions. The Junior Science Honours courses prepare students for Senior Sciences. Students graduating from this program will be prepared for a high level of success in post-secondary science and have insights into careers in Science. They will also be prepared to complete the Advanced Placement (AP) Science exams in their senior year.

IMPORTANT: A particular science honours course will be offered only if there are enough students to form a class. Please apply for an honours class by submitting an application form, available on MyEducation BC student course selection portal, or the MEI schools website.

Science 9 Honours (MSC-9) 🗎

Interested students apply through the Online Application. **Applicants will write an Entrance Assessment.** This assessment, along with your application, your marks in Science 8 and Math 8, and recommendations from the Grade 8 Science teachers will determine the class list. Decisions will be made based on a demonstrated passion for Science learning, strong problem solving abilities, creative and critical thinking skills, ability to collaborate and your enjoyment of working hard. This course covers the same topics as MSC-09 but extends them to deeper levels of understanding and places greater emphasis on making interconnections. Assessments of all types are generally more challenging and more fun. Grades are curved to reward the student for the extra challenges and deeper learning. There is a final exam worth 15% of the final grade.

Science 10 Honours (MSC-10) 4 credits 🗎
Prerequisite(s): EXT in MSC-09 or MSC-09 honours

This course covers the same topics as MSC-10 but extends them to deeper levels of understanding and places greater emphasis on making interconnections. Curriculum concepts are expanded to the Biology 11, Chemistry 11 and Physics 11 levels. Emphasis is placed on critical and creative thinking, collaboration, good science and scientific communication. Assessments of all types are generally more challenging and more fun. Grades are curved to reward the student for the extra challenges and deeper learning. There is a final exam worth 20% of the final grade.

Grade 11 and 12 Sciences

Anatomy and Physiology 12 (MATPH-12) 4 Credits
Prerequisite(s): 67% or higher in either MLFSC-11 or MCH-11

In this course, students will continue to develop the science curricular competencies while exploring three big ideas: 1. Homeostasis is maintained through physiological processes. 2. Gene expression, through protein synthesis, is an interaction between genes and the environment. 3. Organ systems have complex interrelationships to maintain homeostasis. The course is designed to foster an appreciation design of the human body and prepare students for further studies of anatomy and physiology. There is a final exam worth 30% of the final grade.

Chemistry 11 (MCH-11) 4 credits
Prerequisite(s): 70% or better in MSC-10 and MFMP-10
Co-requisite(s): Enrolled in MFOM-11 or MPREC-11 (preferred)

This course is a study of matter, its composition, structure and properties. In this course, students will work with the smallest particles that exhibit the particular properties of substances. Through studying chemistry, students will attain a solid understanding of how things work at the atomic, ionic and molecular level. The Big Ideas are:

1. Atoms and Molecules are building blocks of matter.
2. Applications of Organic Chemistry are significant to health, society and environment.
3. Atoms and Molecules are quantified by moles.
4. Chemical Reactions conserve matter and energy.
5. Solubility is determined by the nature of the solute and the solvent.

This understanding is central to acquiring a well-rounded education in Science. Students will also spend a substantial amount of time learning technical lab skills and solving problems. This includes working with a wide variety of equipment, gathering data, making qualitative and quantitative observations, calculations, drawing conclusions and communicating with good science. This course uses the Workbook BC Science Chemistry 11 by Edvantage Interactive and comes with full access to a website that completely supports the course with the latest technology including video lessons, solutions, and practice quizzes. The workbook can also be downloaded onto your personal device where you can do everything digitally.

NOTE: *This course has a school-based lab exam and final exam collectively worth 25% of the course.* Chemistry 11 is a strongly recommended prerequisite for Anatomy and Physiology 12.

Chemistry 11 Honours (MCH-11) 4 credits 🗎 (Application Form required)
Prerequisite(s): successful completion of Science 10 Honours and Pre-Calc 10 and enrolled in Pre-Calc 11 or permission of the Instructor

This course covers all the topics that MCH-11 does plus some additional topics. Students will cover ideas faster in order to get the additional topics covered but greater emphasis is placed on gaining a deeper understanding. This Course uses the Workbook Edvantage Interactive AP Chemistry 1. If you are planning to write the AP (Advanced Placement) Chem Exam this course is vital in preparing for that. Chemistry 11 Honours students may also write the University of Waterloo Avogadro Exam as a fun Canada-wide contest test. There is a final exam worth 25% of the final grade.

Chemistry 12 (MCH-12) 4 credits
Prerequisite(s): 67% or better in MCH-11 and MFOM-11 or MPREC11(preferred).
Co-requisite(s): Enrolled in MPREC-12 (preferred) or MFOM-12

Chemistry 12 is a course intended to give those students majoring in sciences or technical related fields, a comprehensive background in a few key areas in Chemistry. The five Big Ideas include:

1. Reaction Kinetics-reactants must collide to react
2. Dynamic Equilibrium-can be shift by changes in conditions
3. Saturated Solutions are systems in equilibrium
4. Acids and Base strength depends on % dissociation
5. Oxidation and Reduction complement each other with the loss and gain of electrons

The skills and processes students use and develop are the same as those used by scientists at work. The development of these skills will allow students to solve problems, think critically, make decisions, find answers and satisfy their curiosity. This course uses the Workbook BC Science Chemistry 12 by Edvantage Interactive and comes with full access to a website that completely supports the course with the latest technology including video lessons, solutions, and practice quizzes. The workbook can also be downloaded onto your personal device where you can do everything digitally.

NOTE:. This course has a school based lab exam and final exam collectively worth 30% of the final grade.

Chemistry 12 Honours (MCH-12) 4 credits with the possibility of 4 University credits 🗎
Prerequisite(s): Application Form required.

This course covers all the topics that MCH-12 does plus some additional topics. Students will cover ideas faster in order to get the additional topics covered but greater emphasis is placed on gaining a deeper understanding. This Course uses the Workbook Edvantage Interactive AP Chemistry 2. If you also took Chemistry 11 Honours one of the goals of both courses together is to prepare you to write the AP (Advanced Placement) Exam in the middle of May. This 3 hour exam is equivalent to a 1st year University Chemistry Exam and will be scored on a 5 point scale. If you score a 5 (which correlates to approximately 80% on the exam) Canadian Universities will recognize the score and you can be given credit for 1st year University Chemistry. If you are planning on studying at an American University an AP score of 4 or 5 will get you 1st year University credit and save you some significant tuition.

Environmental Science 11 (MEVSC-11) 4 credits
Prerequisite(s): MSC-10

Environmental Science 11 is a practical science course intended to help students investigate the environment they live in and begin to understand the challenges our Earth is facing. Students will examine complex relationships that exist in nature and how these are affected by natural forces and human practices. Emphasis will be on practical solution to environmental problems, as well as stewardship and restoration of ecosystems. Lab skills such as data collection and interpretation of data will be taught. The course will include in-class instruction, field work, and hands-on activities. There is final project worth 25%.

Life Sciences 11 (MLFSC-11) 4 credits
Prerequisite(s): 60% or higher in MSC--10.

In this course, students will continue to develop the science curricular competencies while exploring three big ideas: 1. Life is a result of interactions at the molecular and cellular levels. 2. Evolution occurs at the population level. 3. Organisms are grouped based on common characteristics. The course takes students on an exploration of scope of life in all five kingdoms: Bacteria, Protista, Fungi, Plantae and Animalia. The course completion is a prerequisite for Anatomy and Physiology 12. This course has a final exam worth 25% of the final grade.

Physics 11 (MPH-11) 4 credits
Prerequisite(s): 70% or better in MSC--10 and MFMP-10
Co-requisite(s): Enrolled in MFOM-11 or MPREC11

Physics 11 is an introductory course that deals with the principles and theories of physics, encourages investigation of physical relationships, and illustrates the relationship between theory and application. Topics covered in this course include: kinematics, vector dynamics, work and energy, power and efficiency, electric circuits, properties of waves and sound. During this course, students will develop various problem solving skills and an ability to translate phenomena into algebraic expressions and graphical representations that can be manipulated.

NOTE: Scientific calculator, transparent ruler and graph paper are required. There is a final exam worth 25%.

Physics 12 (MPH-12) 4 credits
Prerequisite(s): 67% or better in MPH-11 and MFOM-11 or MPREC-11
Co-requisite(s): Enrolled in MFOM-12 or MPREC-12

Physics 12 is the study of classical mechanics and electromagnetism, and is designed to help students develop analytical and problem-solving skills required in areas of science and technology. This course is a more rigorous follow-up to Physics 11. Topics studied include: relative reference frames, static equilibrium, impulse and the conservation of momentum and energy, circular motion, gravitational fields, electric fields, magnetic fields and applications of magnetic induction. During this course, students will develop various problem solving skills and an ability to translate phenomena into algebraic expressions and graphical representations that can be manipulated.

NOTE: Scientific calculator, transparent ruler and graph paper required. There is a final exam worth 30%.

Specialized Science 12-Agriculture Stewardship (MSPSC-12)
4 credits
Prerequisite(s): SC-10

This is a "hands-on" course in that students will be operating the Agriculture Initiative on MEI's ALR land south of Downes Road. As part of the school-wide Ecological Stewardship Program, students in this course will be growing vegetables and flowers using sustainable methods in greenhouse and field crop environments. Students may also be assisting the Elementary and Middle Schools in their initiatives on this property. A secondary focus will include stream ecosystem restoration on the Downes Creek tributary on this land.
As a science course, the focus will be in the following areas:

1. Sustainable land use to meet humanity's needs.
2. Understanding the sustainability, stewardship, and restoration of ecosystems.
3. Applying scientific knowledge to develop procedures, techniques, and technologies that have implications for places of employment.

Much of this course will be conducted outdoors and will involve practical work. It will run during the second semester.

NOTE: This course fulfills the grade 11 or 12 science requirement for graduation and for universities.

Second Language Education

Core French

Core French 9 (MFR-09)
Prerequisite(s): Core French 8

This full semester course emphasizes the communicative approach. The text used is the series "Ça marche! 2". French 9 explores the following themes: music, sports, adventures, community service, and the environment. There will be an emphasis on the relationship between French letter patterns and pronunciation. Students will learn to derive meaning from a variety of French texts, including one Francophone novel. Through short and simple conversations, students will demonstrate describing people, objects, places, and personal interests. Similarities and differences between students' own cultural practices and traditions and those of Francophone communities in various regions will be explored.

NOTE: A good French/English dictionary (preferably Oxford or Collins Robert) will be helpful.

Core French 10 (MFR-10) 4 credits
Prerequisite(s): MFR-09 (DEV or better or permission from instructor)

This course is a continuation of the Ça Marche! program used in French 9. The program continues with Ça Marche! 3. This course uses an integrated approach, based on the principle that students should learn to communicate in French in class. Students and teacher increasingly communicate in French during the semester. Oral and written activities encourage communication about topics drawn from the experience of young people. The main thematic units are centered on clothing, family, Canada, and part-time jobs. They will learn how the interactions between First Peoples and Francophone communities have affected French language and culture in Canada. Students will learn and use Francophone cultural expressions. An intentional focus on the lives and contributions of Francophone Canadians and the importance of story in personal, family, and community identity.

NOTE: A good French/English dictionary (preferably Oxford or Collins Robert) is required. This course has a final exam worth 20% of the final grade.

Core French 11 (MFR-11) 4 credits
Prerequisite(s): MFR-10 (60% or better)

French 11 continues to develop students' competencies in the French language. Students will explore and interpret various texts in French. They will express themselves more fluently, both in spoken and written formats. Students will build their vocabulary and language skills, allowing them to ask and answer questions, respond to texts, narrate stories, and engage in conversations. Students will be able to communicate in the past, present, and future tenses. As students interact in different language contexts, they will learn to adjust their language and vocabulary. During class, students will tell anecdotes, share presentations, conduct interviews, perform dramatizations, and write a variety of texts. Students will look at various cultural aspects of French, including regional variations, cultural expression, and connections between French language and culture. They will learn how the interactions between First Peoples and Francophone communities have affected French language and culture in Canada. Students will engage with Francophone communities and people, bringing the language to life.

NOTE: A good French/English dictionary (preferably Oxford or Collins Robert) is required. This course has a final exam worth 25% of the final grade.

Core French 12 (MFR-12) 4 credits

Prerequisite(s): MFR-11 (70% or better)

French 12 builds on language skills acquired in previous years, and allows students to communicate more proficiently in the language. Both teacher and students normally communicate in French. Students will discuss and justify opinions, share feelings and beliefs, and converse more confidently in French. As students' language skills progress, they will use a broader spectrum of vocabulary, idiomatic expressions, and present, past and future verb tenses. Students will explore cultural connections with French, including how diverse communities express themselves in French, how the language varies depending on the region, and how language and culture have been influenced by historical interactions. Students will engage with Francophone communities and people, bringing the language to life. During the course, students will also explore future opportunities for using French in personal, educational, and professional settings.

NOTE: A good French/English dictionary (preferably Oxford or Collins Robert) is required. This course has a final exam worth 30% of the final grade.

Spanish

Spanish 9 (MSP-09) 2 credits
Prerequisite(s): none

This course begins the *En Español* program and uses the *En Español 1* textbook. Spanish 9 at MEI is a one-term course, which introduces students to the language. Students will begin to learn Spanish with an emphasis placed on asking and answering basic questions. Recognizing the relationships between pronunciations, letters, punctuation, including common intonation patterns and meaning is one of the main curricular competencies for this course. By the end of the course, students are expected to give a simple description of themselves, including activities they enjoy, their families, and their daily schedule in both spoken and written Spanish. Students will begin to communicate in the language through listening, speaking, reading and writing activities.

NOTE: Access to the internet through a device/computer with Wi-Fi capabilities will be beneficial to the student in class and required for completing assignments outside of class.

Spanish 10 (MSP-10) 4 credits
Prerequisite(s): MSP-09 (DEV or better or permission from instructor)

This course continues the *En Español* program and uses the *En Español 1* textbook. Students continue their learning of the Spanish language and learn about Hispanic countries. Students explore some of the celebrations, challenges, cultural activities and points of interest in the Spanish world. This course helps students develop their skills in spoken, aural and written Spanish. Competency in basic conversational Spanish is an emphasis and students are encouraged to participate in the Mexico mission trip. By the end of the course, students are expected to communicate their thoughts and feelings in basic Spanish on a number of topics, including weather, sports, transportation, and daily routines. Students work at each of the four language skills simultaneously through listening, speaking, reading and writing activities

NOTE: Access to the internet through a device/computer with Wi-Fi capabilities will be beneficial to the student in class and required for completing assignments outside of class. This course has a final assessment worth 20% of the final grade.

Spanish 11 (MSP-11) 4 credits
Prerequisite(s): MSP-10 (60% or better or permission from the instructor)

Spanish 11 continues to develop students' competencies in the Spanish language. Students will develop their ability to communicate their thoughts and feelings in Spanish on a number of topics, including school life, leisure time, activity preferences, and daily routines. The text used is *En Español 2*. Competency in basic conversational Spanish is emphasized, and one of the components will focus on Spanish as an outreach language, encouraging students to be involved in Missions to Hispanic people and their countries. Students work at each of the four language skills simultaneously through listening, speaking, reading and writing activities. They will expand their knowledge in the areas of conversation, culture, Hispanic music and vocabulary. They will develop in their use of other verb tenses such as the future and past. This helps students' proficiency in their conversational, reading and writing skills.

NOTE: Access to the internet through a device/computer with Wi-Fi capabilities will be beneficial to the student in class and required for completing assignments outside of class. This course has a final assessment worth 25% of the final grade.

Spanish 12 (MSP-12) 4 credits
Prerequisite(s): MSP-11 (70% or better or permission from instructor)

This course is a consolidation of previously acquired knowledge that allows students to communicate more proficiently in the Spanish language. By completing Spanish 12, students are able to omit Intro to Spanish at the university level. Therefore, students should be fully prepared to work diligently in Spanish class on a daily basis. Students will express themselves with growing fluency as they further develop the use of tenses such as present, past, future, conditional, and subjunctive. They will extend their vocabulary and improve their reading and writing levels in both speed and accuracy. Students will engage in experiences with Hispanic people and communities thereby improving their speaking and listening skills. Students will explore educational, personal, and professional opportunities requiring proficiency in Spanish.

NOTE: Access to the internet through a device/computer with Wi-Fi capabilities will be beneficial to the student in class and required for completing assignments outside of class. This course has a final assessment worth 30% of the final grade.

Social Studies Education

The main goal of Social Studies is to develop thoughtful, responsible, active citizens who are able to acquire the requisite information needed to consider multiple perspectives and to make reasoned judgments. The Social Studies curriculum provides students with opportunities to reflect critically upon events and issues in order to examine the present, make connections to the past, and consider the future. Through their participation in Social Studies, students are encouraged to understand and prepare to exercise their roles, rights and responsibilities within the family, the community, Canada and the world; to develop an appreciation for democracy and what it means to be a Canadian; to demonstrate respect for human equality and cultural diversity; and to think critically, evaluate information, and practice effective communication.
Students in Social Studies will develop the following skills: Learning how to gather and analyze information, communicate effectively, evaluate significance, use and assess primary and secondary sources, understand geography's effects on human behaviour, appreciate multiple perspectives, recognize continuity and change, observe cause and consequences, and make reasoned ethical judgements.

Social Studies 9 (MSS-09)
Prerequisite(s): SS-08

This course will cover the following content for the time period 1750 to 1919: Social, economic, political, and technological revolutions. The effects of colonialism and imperialism on indigenous peoples throughout the world. Global demographic shifts in population. Nationalism and the growth of modern nation states, including Canada. Local, regional, and global conflicts. Investigations into discriminatory actions and attitudes, and historical wrongs. Physiographic regions of Canada and geologic processes. This content will be the material used to develop these competencies in students: Assessing the significance of events from a variety of historical perspectives. Researching and assessing the evidence and sources for competing historical perspectives. Comparing and contrasting continuity and change through this time period. Assessing how specific conditions and actions of individuals affect history and geography. Recognizing ethical judgements in various sources. Making reasoned ethical judgements on controversial topics and events. This course has a final exam worth 15% of the final grade.

NOTE: Textbooks provided: Crossroads: A Meeting of Nations (Pearson Education, 2013) and Horizons: Canada's Emerging Identity (Pearson Education, 2009)

Social Studies 10 (MSS-10) 4 credits
Prerequisite(s): Successful completion of SS-09

Social Studies 10 will focus on developing various skills such as understanding significance, evaluating evidence, recognizing and using various perspectives, discovering continuity and change, making reasoned ethical judgements, and linking cause and consequences. The content used for developing these skills will range from the functions of the Canadian government, to Canada's historic role in the twentieth century (1914 to the present), to world geographical issues like population, standard of living and environmental issues. There will be a final exam worth 20%.

NOTE: Textbook provided: Counterpoints: Exploring Canadian Issues (Prentice-Hall, 2010).

20th Century World History 12 (MWH-12) 4 credits
Prerequisite(s): 73% in MSS-10 for students in Grade 11; 67% in MSS-10 for students in grade 12; or permission from the instructor.

This course focuses on the major events, people, and forces that shaped the most dynamic century in world history. The areas of focus will include the following:

1. Civil conflicts, revolutions, and independence movements – the Russian Revolutions, the creation of Israel, Vietnamese independence, etc…
2. Authoritarian regimes – Mussolini, Stalin, Hitler, Mao, etc…
3. Global Conflicts such as World Wars I and II, and the Cold War
4. International Organizations
5.Civil rights movements
6. Political, social and economic changes

This academic course will develop communication skills, including defending a thesis; along with other historical inquiry skills like identifying the role of perspective in assessing historical significance, evaluating evidence, understanding cause and consequence, identifying continuity and change, and making reasoned ethical judgements. There will be a final exam worth 30%.

NOTE: Textbook provided: History 12 Student Workbook 4th ed.

BC First Peoples 12 (MBCFP-12) 4 credits
Prerequisite(s): MSS-10

This course covers the following content: traditional territories of the B.C. First Nations and relationships with the land; role of oral tradition for B.C. First Peoples; impact of historical exchanges of ideas, practices, and materials among local B.C. First Peoples and with non-indigenous peoples; provincial and federal government policies and practices that have affected, and continue to affect; the responses of B.C. First Peoples to colonialism; resistance of B.C. First Peoples to colonialism, role and significance of media in challenging and supporting the continuity of culture, language, and self-determination of B.C. First Peoples; commonalities and differences between governance systems of traditional and contemporary B.C. First Peoples; contemporary challenges facing B.C. First Peoples, including legacies of colonialism.

Law Studies 12 (MLST-12) 4 credits
Prerequisite(s): 67% in MSS-10 for students in Grade 11; Completion of MSS-10 for students in grade 12.

This course attempts to provide students with a basic understanding of their legal rights and responsibilities so that they are able to participate fully in Canada's democratic society. By understanding how laws are created and interpreted, students will be able to identify what influences these changes and how they evolve. At the end of this course, students should be able to recognize that our current legal framework in Canada will affect and impact their everyday lives. Areas of focus include: history of law, structure of Canada's justice system, different types of law, First People's legal orders and traditions, Canada's correction system and discussion of global legal agencies. This course includes guest speakers such as police officers, lawyers, and judges. It also includes a trip to the law courts and concludes with our very own mock trial. Law 12 final exam will be a mock trial worth 30% of the final mark.

NOTE: Textbook provided: All About Law – 6th Edition (Nelson, 2010). Additional cost of $10 for a field trip. This course has a final exam.

Physical Geography 12 (MPGEO-12) 4 credits
Prerequisite(s): 67% in MSS-10 for students in Grade 11; 60% in MSS-10 for students in grade 12; or permission from the instructor.

Physical Geography 12 focuses on the processes and features of the natural world and how humans interact with God's good creation. Areas of study include:

1. Using geographic data and inquiry skills, such as cartography, to analyze evidence and interpret.
2. Assessing gradational forces that shape the earth and affect humanity – glaciation, rivers, coastal, weathering, hydrology, etc.
3. Developing knowledge of meteorology (weather) and its effect on climate.
4. Biome Regions – climate, vegetation, and soil.
5. Sustainable resource use and effects on the land, atmosphere, and hydrosphere.

Essential skills will include analyzing evidence and interpreting, assessing the significance of place, identifying patterns and trends, assessing geographical importance and interactions between the spheres, and making geographical value judgements.
As much as possible, the areas of study will be coupled with fieldtrips to bring life to academic knowledge. This will include an optional 3-day fieldtrip to the coasts of Washington and Oregon, or Vancouver Island. There will be a final exam worth 30%.

NOTE: Textbooks provided: Physical Geography Student Workbook. Additional costs for fieldtrips.

BC POST SECONDARY ADMISSION REQUIREMENTS

The BC Ministry of Education has transitioned to the new graduation program. Consequently, post-secondary institutions (PSIs) have changed or are revising their admission requirements accordingly. It is therefore advisable for students and their parents to consult the PSI websites where the most current information is available. MEI Student services guidance counsellors are also available to guide in this process. The links below will get you as close as it can to where the information can be found. Students should not hesitate to contact a college or university advisor if any questions arise.

IMPORTANT: There are usually two types of admission requirements: The first requirements are **General**, which indicate the basic criteria of admission that students need to have achieved in order to apply to that particular university. The second requirements are **Program Specific**, which indicate the specific courses, or academic standing, or credential, a student must achieve in order to apply for a specific program at that university. The hyperlinks below will guide you to the general admission requirements. Each post-secondary institutions identify their requirements differently. It is up to students to navigate carefully through this information so that they can plan their courses, credentials and extra-curricular involvements accordingly in high school and beyond.

BC Post-Secondary Admission Links

www.bcit.ca
British Columbia Institute of Technology, Burnaby, Richmond. At BCIT all admission requirements are program specific.
https://www.bcit.ca/admission/requirements/

www.capilanou.ca
Capilano University, North Vancouver
For the official publication of programs, course descriptions and admission requirements please view:
https://www.capilanou.ca/admissions/apply-to-capu/admission-requirements/.

www.douglascollege.ca
Douglas College, New Westminster and Coquitlam
https://www.douglascollege.ca/programs-courses/general-information/admissions

www.ecuad.ca

Emily Carr University of Art + Design, Vancouver
https://www.ecuad.ca/admissions/application-info/undergraduate-applications/first-year-academic-requirements#undefined

www.kpu.ca
Kwantlen Polytechnic University, Langley, Surrey, Richmond
https://www.kpu.ca/admission/requirements

www.sfu.ca
Simon Fraser University, Burnaby, Surrey and Vancouver
http://www.sfu.ca/students/admission/admission-requirements.html

www.twu.ca
Trinity Western University, Langley
https://www.twu.ca/admissions-aid/admission-requirements/canadian-high-school-students#bc

www.tru.ca
Thompson River University, Kamloops
https://www.tru.ca/future/admissions/undergrad/requirements.html

www.ubc.ca
University of British Columbia: Vancouver, Okanagan and Robson Square campus *
https://you.ubc.ca/applying-ubc/requirements/canadian-high-schools#british-columbia

*each campus has different admission requirements

www.ufv.ca
University of the Fraser Valley: Chilliwack, Abbotsford campus
https://www.ufv.ca/admissions/admission-requirements/

www.uvic.ca
University of Victoria, Victoria
https://www.uvic.ca/undergraduate/index.php

SCHOLARSHIP AND BURSARY AWARDS

BC Achievement Scholarships

The BC Achievement Scholarship is a $1250 award that recognizes the top 8000 graduates in the province. The Ministry of Education will determine recipients based on achievement in Grades 10, 11 and 12. More information is available here.

BC Excellence Scholarship

The BC Excellence Scholarship is a $5000 award recognizing 55 well-rounded graduates demonstrating community service and leadership, both inside and outside of their school, as well as commitment and aptitude for their chosen career paths. Each school may nominate one student for this award. Additional information is available here.

Pathway to Teacher Education Scholarship

The Pathway to Teacher Education Scholarship is a $5,000 annual scholarship that recognizes 20 outstanding Grade 12 students planning to enter the field of teaching. Additional information is available here.

District Authority Scholarship ~ Fraser Valley

The District Authority Scholarship is a $1250 award intended for students who have excelled in grade 11 and 12 courses in one of the following specialty areas:

- Applied Skills (e.g. Business Ed., Tech. Ed., Home Ec.)
- Community Service (Volunteer, Leadership)
- Fine Arts (e.g. Visual Arts, Dance, Drama, Music)
- Indigenous Languages & Culture
- Physical Activity
- Second Languages
- Technical & Trades Training

Additional information is available here and through Student Services.

Abbotsford Community Foundation Awards

Abbotsford Community Foundation Awards are available to MEI and Abbotsford School District #34 secondary school students. Criteria for these awards may include one or more of the following: high academic achievement, school/community involvement, leadership involvement, good citizenship, financial need and/or pursuing specific post-secondary studies. Students will receive information about these awards in early February, with applications due by the end of February. More information is available here.

MEI Friends & Alumni Awards

MEI Friends & Alumni Awards are available to MEI students. Criteria for these awards may include one or more of the following: high academic achievement, involvement in specific MEI courses, school/community involvement/service, leadership involvement, good citizenship, financial need and/or pursuing specific post-secondary studies. Students will receive information about these awards in early January, with applications due by the end of February. More information is available here.

Other Scholarship and Bursary Awards

Student Services will receive award-related information throughout the year from various businesses, organizations and post-secondary institutions. Students are encouraged to check the Grade 12 Scholarship and PSI Information Schoology Group posts.

Application Process

Grade 12 students interested in applying for scholarship & bursary awards are encouraged to initiate the application process in September to ensure that their award application packages arrive at the specific organizations, businesses, and post-secondary institutions etc. by the application deadlines.

Specific donors select the majority of scholarship & bursary award recipients, however, the MEI Grade 12 Awards Committee is also involved in selecting award recipients for some awards.

Some Award & Financial Aid Online Resources

Award and financial aid related information may be found on the following websites:

www.bced.gov.bc.ca/awards
Award related information

www.keytoscholarships.com
Scholarship and bursary award related information

www.schoolfinder.com
Post-Secondary, program, award and career related information

www.scholarshipscanada.com
Scholarship and bursary award related information

https://scholartree.ca/
Scholarship award related information

https://studentscholarships.org
Scholarship award related information

https://yconic.com/
Post-secondary and award related information

https://www.canada.ca/en/services/benefits/education/student-aid.html
Government of Canada student grant and loan financial aid related information

https://studentaidbc.ca/
Post-secondary education and student loan, grant, load repayment and scholarship-related information.