

ARCHBISHOP CARNEY REGIONAL SECONDARY SCHOOL

Grades 10 – 12

COURSE BOOKLET



2021 – 2022

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HOW TO USE THIS COURSE SELECTION GUIDE

When selecting courses for Grades 10, 11 and 12, parents and students must keep in mind two very important points: **Graduation Requirements** and **Backwards Planning**.

The 2018 Graduation Program is the current program that leads to a BC Dogwood Diploma, high school graduation. This program outlines the basic requirements for graduation for Grades 10, 11 and 12.

Backwards Planning is the concept of looking beyond high school graduation and exploring all the various options and paths. Once this is done students begin to plan backwards to determine what courses need to be taken in high school to ensure that they keep all those options viable.

Use this Step-by-Step approach to Course Selection to assist you in completing your course selection forms.

SECTION A: 2018 GRADUATION PROGRAM

STEP ONE:

Review 2018 Graduation Requirements

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STEP TWO:

Review Archbishop Carney Graduation Requirements

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STEP THREE:

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Alternative Methods for Earning Graduation Credits

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STEP FOUR:

Complete Personal Graduation Checklist

Be sure to enter completed courses and courses you would like to take each additional year.

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SECTION B: BACKWARD PLANNING

STEP ONE:



Read Post-Secondary Options

This is a general description of the various public post-secondary institutions.Pg 13

STEP TWO:

Use Education Planner

This website is a tool for families to research personality interests, career options and academic programs Pg 14

STEP THREE:

Review BC Post-Secondary Institutions at a Glance to determine

Entrance Admission requirements Pgs 16-17

STEP FOUR:

Complete the Backwards Planning Sheet

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SECTION C: FINAL COMPARISON

Compare course choices from **Section A: 2018 Graduation Program** *and* **Section B: Backwards Planning**. Review the course descriptions (p.22-42) and complete your course selection form. (p.43-45)

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Course Descriptions

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If you require additional assistance or have any questions regarding the course selection process and the courses offered by Archbishop Carney, please feel free to contact Student Services.

ARCHBISHOP CARNEY REGIONAL SECONDARY SCHOOL

A GUIDE FOR STUDENTS AND PARENTS

"In God's Faith pursue your dream and be in awe when your dream comes true!"

(Quote from Father Christopher Vermeulen, when Archbishop Carney Regional Secondary School became a reality.)

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THE 2018 GRADUATION PROGRAM

The BC Ministry of Education high school graduation certificate is called a Dogwood certificate. In order to receive this, students have to meet certain requirements as part of their graduation program. The current graduation program leading to a Dogwood certificate is known as the 2018 Graduation Program. The table below indicates the minimum requirements of what you need to graduate:

- 52 credits from the required courses
- 28 credits from elective courses

| REQUIRED COURSES | |
|---|-------------------------|
| Subject Areas: | Minimum Credits: |
| Career-Life Education 10 | 4 |
| Career-Life Connections (Capstone Project) | 4 |
| English Language Arts 10 | 4 |
| English Language Arts 11 | 4 |
| English Studies 12 | 4 |
| Social Studies 10 | 4 |
| Social Studies 11 or 12 | 4 |
| Science 10 | 4 |
| Science 11 or 12 | 4 |
| Mathematics 10 | 4 |
| Mathematics 11 or 12 | 4 |
| Physical and Health Education 10 | 4 |
| Fine Arts and/or Applied Design Skills, and Technologies 10, 11 or 12 | 4 |
| Total | 52 |
| ELECTIVE COURSES | |
| Students must earn at least 28 elective credits for Grade 10-12 courses | 28 |
| OVERALL TOTAL | |
| 80 | |
| Of the 80 credits for graduation, at least 16 must be at the Grade 12 level, including a Grade 12 Language Arts course. Others may be required or elective courses | |

This program was developed in consultation with parents, students, educators and employers. The highlights of the program include:

- Grade 10 courses will count for credits and will appear on graduation transcripts.
- Students must take Career Life Education 10 (formerly Planning 10), which will help them to explore career options, make future plans, learn about financial management, and make healthy choices in their lives.
- Students are responsible for completing the Career-Life Connections/Capstone Project (Gr. 11 and 12), with the following requirements:
 - ☐ A plan that will help students set goals for post-secondary education or career pursuits (Gr. 11 and 12)
 - ☐ 30 hours of work experience or community service (Gr. 11 and 12)

ARCHBISHOP CARNEY REGIONAL SECONDARY SCHOOL
GRADUATION REQUIREMENTS FOR GRADES 10, 11, 12

To graduate, students must earn a minimum of 80 credits. This includes a minimum of 52 credits from Required Courses, 28 or more credits from Elective Courses as well as a minimum of 16 of these credits must be earned from Grade 12 Courses.

| GRADE 10 | | GRADE 11 | | GRADE 12 | |
|---|------------|---|-----------------------|--|-----------|
| REQUIRED COURSES | CREDITS | REQUIRED COURSES | CREDITS | REQUIRED COURSES | CREDITS |
| Literary Studies 10 + Creative Writing or New Media (two 2 credits courses) | 4 credits | English Language Arts 11 Lit Studies or Spoken Language (one 4 credit course) | 4 credits | English Studies 12 (one 4 credit course) | 4 credits |
| Social Studies 10 | 4 credits | Social Studies 11 - Explorations in Social Studies 11 | 4 credits | Career Life Connections - Capstone | 4 credits |
| Science 10 | 4 credits | Science 11: (one from below) - Physics 11 - Chemistry 11 - Earth Science 11 - Life Sciences 11 - Environmental Science 11 | 4 credits | BA Philosophy and Religion 12* | 4 credits |
| Mathematics 10: (one from below) - Workplace Mathematics 10 - Foundations and Pre-Calculus Math 10 | 4 credits | Mathematics 11: (one from below) - Foundations of Math 11 - Pre-Calculus Math 11 - Workplace Mathematics 11 | 4 credits | | |
| Physical Education 10 | 4 credits | BA Philosophy and Religion 11* | 4 credits | | |
| Arts Education and/or Applied Design, Skills, and Technologies completed in either grade 10, 11 or 12 | 4 credits | Career-Life Connections | Ministry Requirements | | |
| Career-Life Education 10 | 4 credits | | | | |
| BA Philosophy and Religion 10* | 4 credits | | | | |
| ELECTIVE COURSES | | | | | |
| Elective Courses completed at either grade 10, 11 or 12 level | 28 credits | | | | |

SPECIFIC CARNEY GRADUATION REQUIREMENTS

1. In grade 10 students must take 9 courses.
2. In grade 11 students must take 8 courses plus meet the requirements for Career-Life Connections.
3. In grade 12 all students take a minimum of 7 courses within the timetable and meet the requirements for Capstone. Six of these courses must be grade 12 subjects.
4. Upon request, study blocks may be granted to students taking **English Studies 12 and 4 approved grade 12 courses** (see page 19)
5. *BA Philosophy and Religion 10, 11, and 12 is a graduation requirement of Archbishop Carney.
6. If students take a Distributed Learning or any course outside of Carney, they must inform Student Services, so the student's academic records can be updated accordingly.

Provincial Graduation Assessments

● If currently in GRADE 9...

- o In 2021/22 (Grade 10) – Grade 10 Graduation Numeracy Assessment and Grade 10 Graduation Literacy Assessment
- o In 2022/23 (Grade 11) – No Provincial Assessment
- o In 2023/24 (Grade 12) – Grade 12 Graduation Literacy Assessment

● If currently in GRADE 10...

- o In 2020/21 (Grade 10) - Grade 10 Graduation Numeracy Assessment and Grade 10 Graduation Literacy Assessment
- o In 2021/22 (Grade 11) – No Provincial Assessment
- o In 2022/23 (Grade 12) – Grade 12 Graduation Literacy Assessment

● If currently in GRADE 11...

- o In 2020/21 (Grade 11) – Exception this year (Grade 11 students will write the Numeracy 10 and Literacy 10 Assessment in April 2021)
- o In 2021/22 (Grade 12) – Grade 12 Graduation Literacy Assessment ;(*Grade 10 Graduation Numeracy Assessment (if not already written) and Grade 10 Graduation Literacy Assessment (if not already written).*

PROVINCIAL ASSESSMENTS AND COURSE INFORMATION

REQUIRED PROVINCIAL ASSESSMENTS (NEW)

Provincial Assessments are set several times during the school year (January, April and June). Students enrolled in Grade 10 to 12 have to write the following provincial assessments:

| If in GRADE 10 in 2021/22 | If in GRADE 11 in 2021/22 | If in GRADE 12 in 2021/22 |
|--|--|---|
| Gr. 10 Numeracy Assessment Gr. 10 Literacy Assessment | Gr. 10 Numeracy Assessment (if not written) Gr. 10 Literacy Assessment (if not written) | Grade 12 Graduation Literacy Assessment Gr. 10 Numeracy Assessment (if not written) Gr. 10 Literacy Assessment (if not written) |

| REQUIRED STUDIES | COURSES OFFERED AT CARNEY (2021-2022) | CREDITS NEEDED |
|--------------------|--|---|
| LANGUAGE ARTS | LITERARY STUDIES/CREATIVE WRITING 10 LITERARY STUDIES/NEW MEDIA 10 LITERARY STUDIES 11 SPOKEN LANGUAGE 11 ENGLISH STUDIES 12 | MINIMUM 12 CREDITS (three full-year courses) |
| SOCIAL STUDIES | SOCIAL STUDIES 10 EXPLORATIONS IN SOCIAL STUDIES 11 ECONOMIC THEORY 12 | MINIMUM 8 CREDITS (two full-year courses) |
| MATHEMATICS | WORKPLACE MATHEMATICS 10 FOUNDATIONS of MATH AND PRE-CALC 10 WORKPLACE MATHEMATICS 11 FOUNDATIONS of MATHEMATICS 11,12 PRE-CALCULUS 11, 12 CALCULUS 12, AP CALCULUS 12 | MINIMUM 8 CREDITS (two full-year courses) |
| SCIENCE | SCIENCE 10 LIFE SCIENCES 11 CHEMISTRY 11,12 PHYSICS 11,12 EARTH SCIENCES 11 ENVIRONMENTAL SCIENCE 11, 12 ANATOMY and PHYSIOLOGY 12 GEOLOGY 12 | MINIMUM 8 CREDITS (two full-year courses) |
| CAREER EDUCATION | CAREER LIFE EDUCATION 10 CAREER-LIFE CONNECTIONS (CAPSTONE) | MINIMUM 8 CREDITS (two full-year courses) |
| PHYSICAL EDUCATION | PHYSICAL EDUCATION 10, 11, 12 FITNESS AND CONDITIONING 11, 12 | MINIMUM 4 CREDITS (one full-year courses) |
| FINE ARTS | DRAMA 10, 11, 12 THEATRE PRODUCTION 10, 11, 12 ART STUDIO 10, 11, 12 CONCERT CHOIR 10, 11, 12 CONCERT BAND 10, 11, 12 JAZZ BAND 10, 11, 12 CHAMBER CHOIR 10, 11, 12 MEDIA ARTS 10, 11, 12 | MINIMUM 4 CREDITS (one full-year courses) |
| APPLIED SKILLS | FOOD STUDIES 10, 11, 12 CHILD DEVELOPMENT AND CAREGIVING 12 TEXTILES 10, 11, 12 DIGITAL MEDIA DEVELOPMENT 12 GRAPHIC ARTS 11, 12 (Formerly Yearbook) ENTREPRENEURSHIP AND MARKETING 10 ACCOUNTING 11 FINANCIAL ACCOUNTING 12 | |

ALTERNATIVE METHODS FOR EARNING GRADUATION CREDITS

LANGUAGE COURSE CHALLENGE

Language Course Challenge is the process of receiving credit for a grade 11 or 12 course taught within the school system through an assessment of a student's undocumented prior learning.

Who Can Challenge a Course:

- A student who is enrolled in Archbishop Carney Secondary,
- Has not completed the course through previous enrollment,
- Can give compelling evidence that he or she will succeed in the challenge,
- Show that the challenge is linked to his or her student learning plan.

Language Courses possible to challenge:

- French 11/12, German 11/12, Japanese 11/12, Mandarin 11/12, Punjabi 11/12, Spanish 11/12, Korean 11/12

NOTE: *The list of courses available to challenge are subject to change for each school year.*

The cost for the Language Challenge Process: \$225. Applications are due early in November; examinations take place the following February.

COURSE EQUIVALENCY

Course equivalency is the process of receiving credit based on documentation which indicates the student achieved the learning outcomes from an approved Grade 11 or Grade 12 course at an outside institution.

- Student **must provide documentation** of successful completion of the course
- Course **must match at minimum 80% of the prescribed learning outcomes** of a course taught within the school system
- Course must be taken outside the regular BC School System
- Course satisfies different learning outcomes other than those for which student has already received credit

NOTE: Students who have been educated in one of 7 languages other than English (French, German, Italian, Japanese, Mandarin, Punjabi, Spanish) and who have completed one or more years of junior secondary (Grade 8/Grade 9) outside of Canada, usually have met the learning outcomes of BC's second language course.

ADVANCED PLACEMENT

Archbishop Carney offers academic enrichment to students through the following courses:

AP Art History 12, AP French 12, AP Computer Science, and AP Calculus 12. When the course is successfully completed and the exam written, it can provide advanced credit or standing in certain first year university courses in selected universities in North America. **Only students enrolled in AP Courses at Carney will be eligible to write the AP Exam for the course at Carney.**

Students in AP Art History, AP Computer Science, AP French and AP Calculus write the AP College Board examination in May. The results of the examination are used to determine Advanced Placement status at University and College. The approximate cost of the exam is \$140.

The University/Ministry recognized percentage equivalents and categories for grading are:

| | | |
|---|--------------------------|----|
| 5 | Extremely well qualified | 96 |
| 4 | Well qualified | 86 |
| 3 | Qualified | 86 |
| 2 | Possible qualified | 80 |
| 1 | No recommendation | |

EXTERNAL COURSES

The Ministry of Education will accept an External Course as a Ministry Authorized Course. External Courses are an organized set of learning activities developed or offered outside the British Columbia School System. Students may receive graduation credits for successfully completing an External Course outside of school. Some courses that may be an equivalent standard to other Ministry authorized senior secondary courses include:

- **MUSIC**: BC Conservatory of Music, Conservatory Canada, Royal Conservatory of Music, Victoria Conservatory of Music, Trinity College London, Associated Board of the Royal Schools of Music, London College of Music
- **DANCE**: Jazz, Cecchetti, Tap, Modern Theatre Dance, Highland Dancing, Chinese Dance Syllabus (Lorita Leung Dance Association). Authorized schools: Royal Academy of Dance, Association of International Dance Teachers, Canadian Dance Teachers Association, Imperial Society of Teachers of Dancing, British Association of Teachers of Dancing
- **DRAMA, SPEECH and EFFECTIVE COMMUNICATION**: Trinity College - Speech and Drama, Royal Conservatory of Music – Speech and Drama, Trinity College London – Speech and Drama
- **LANGUAGES**: Challenge, equivalency, and external language
- **SPORTS**: Athlete, Coach, Official – Provincial and National Level
- **YOUTH DEVELOPMENT**: Cadets(Air, Army, Sea), 4-H, Guides, Scouts, Duke of Edinburgh, Coast Mountain Outward Bound Courses
- **INDUSTRIAL and OCCUPATIONAL**: Fitness Leader, Boating, Pony Club, Red Cross, Life Saving Society Courses,, WCB Occupational First Aid, ICBC Driver Education, Canadian Private Pilot’s License, Computer Certification, Tourism, Wood Products

Please see the Student Services website located on Moodle to see a list of required documentation for each External Course or contact Mr. Borzillo.

For more detailed information on Language Course Challenge, Course Equivalency, Advanced Placement and External Credits students should contact Student Services.

PERSONAL GRADUATION CHECKLIST - 80 Credits Minimum-

ENTER ALL COMPLETED COURSES AND THOSE YOU WOULD LIKE TO TAKE AT EACH GRADE LEVEL.




STUDENT'S NAME: _____

CURRENT GRADE: _____

| GRADE 10 COURSES | CREDIT | GRADE 11 COURSES | CREDIT | GRADE 12 COURSES | CREDIT |
|------------------------------------|-----------|--|-----------|----------------------------------|-----------|
| <u>1.</u> English Lang Arts 10 | 4 credits | <u>1.</u> English Lang Arts 11 | 4 credits | <u>1.</u> English Studies 12 | 4 credits |
| <u>2.</u> Christian Education 10 | 4 credits | <u>2.</u> Christian Education 11 | 4 credits | <u>2.</u> Christian Education 12 | 4 credits |
| <u>3.</u> Socials 10 | 4 credits | <u>3.</u> Explorations in Socials Studies 11 | 4 credits | 3. Capstone | 4 credits |
| <u>4.</u> Mathematics 10 | 4 credits | <u>4.</u> Mathematics 11 | 4 credits | <u>4.</u> _____ | 4 credits |
| <u>5.</u> Science 10 | 4 credits | <u>5.</u> Science 11 | 4 credits | <u>5.</u> _____ | 4 credits |
| <u>6.</u> Physical Education 10 | 4 credits | <u>6.</u> Career Life Connections | Min. Req. | <u>6.</u> _____ | 4 credits |
| <u>7.</u> Career Life Education 10 | 4 credits | <u>7.</u> _____ | 4 credits | 4 _____ | 4 credits |
| <u>8.</u> _____ | 4 credits | <u>8.</u> _____ | 4 credits | <u>5</u> _____ | 4 credits |
| <u>9.</u> _____ | 4 credits | <u>9.</u> _____ | 4 credits | <u>6</u> _____ | 4 credits |
| <u>10.</u> _____ | 4 credits | <u>10.</u> _____ | 4 credits | <u>7</u> _____ | 4 credits |

USE REQUIREMENTS CHART BELOW TO CHECK YOUR COURSES FOR GRADE 10, 11, 12 IN PLANNING GRID ABOVE

PROVINCIAL REQUIREMENTS CHECK: Minimum 80 credits

| GRADE 10 |  | GRADE 11 |  | GRADE 12 |  |
|--|---|--|---|--------------------|---|
| English Lang Arts 10 | | English Lang Arts 11 | | English Studies 12 | |
| Socials 10 | | Explorations in Social Studies 11 | | Capstone 12 | |
| Mathematics 10 | | Mathematics 11 | | GRADE 12 COURSE: | |
| Science 10 | | Science 11 | | GRADE 12 COURSE: | |
| Career Life 10 | | 30 hours work experience (Career Life Connections) | | GRADE 12 COURSE: | |
| PE 10 | | | | GRADE 12 COURSE: | |
| Arts Education and/or Applied Design, Skills, and Technologies completed in either a grade 10, 11, 12 course (4 credits) | | | | | |
| Required courses total 48 credits (in bold) | | | | | |
| Elective courses total 28 credits | | | | | |
| Grade 12 minimum 16 credits (not including English Studies or Religion) | | | | | |

CARNEY REQUIREMENT CHECK:

| | | | | | |
|----------------------------------|--|----------------------------------|--|----------------------------------|--|
| Religion 10 | | Religion 11 | | Religion 12 | |
| Grade 10 total credits completed | | Grade 11 total credits completed | | Grade 12 total credits completed | |

POST SECONDARY OPTIONS

My interest is in the future, because I am going to spend the rest of my life there!

If you are planning to continue your education after high school, you may wish to consider one or more of the following options. The samples listed are just a hint of what is available. Visit Student Services and the Student Services link on Moodle to look at the many options available.

TRADES AND TECHNOLOGIES

- These are training/education programs that generally range from several weeks to 2.5 years in length. These programs lead to certificates, diplomas, advanced diplomas or Journeyman certification some with the Interprovincial Red Seal Designation
- Sample programs include: computer training, construction technologies, health technologies, environmental, trades certification, etc.
- Sample schools include BCIT, Vancouver Community College, etc.

COMMUNITY/UNIVERSITY COLLEGES (Teaching Intensive Institutions)

- These schools offer certificates, career diplomas, and University Transfer programs that range in length from several weeks to two years. Some programs last up to three years.
- Sample programs include early childhood education, nursing, community support, dispensing optician, horticulture, associate of science, general studies, etc.
- Sample schools include Douglas College, Langara College, Selkirk College, North Island College, etc.

UNIVERSITIES (Research Intensive Institutions)

- Universities offer four year degrees in both academic (English, History, Sciences, Languages, etc) and applied degrees (Engineering, Kinesiology, Communications, etc). These are referred to as Bachelor's Degrees or Undergraduate degrees. Beyond these, universities also offer are Master and Doctoral degrees.
- Sample programs include Arts, Science, Social Work, Psychology, Mechanical Engineering, etc.
- Sample schools include UBC, SFU, UVIC, UNBC, Trinity Western, etc.

<http://www.educationplannerbc.ca/>

Education Planner is an educational planning resource that is available to the public free of charge. Its primary purpose is to provide clear, reliable and detailed information about post-secondary programs available in BC. Using “Education Planner” can help learners make well-informed decisions about their education and career options.

The information in “Education Planner” is collected and verified with the cooperation of the post-secondary institutions in BC. Institutions make changes to their programs and requirements and as a result, “Education Planner” is updated on an ongoing basis throughout the year.

Before you apply to a particular institution, it is important to check directly with the institution to ensure that you meet all their current institution and program admission requirements. You can contact each of the institutions by using the Institution Search feature on the homepage of “Education Planner”.

One of the main features of Education Planner is that it is able to search over 1500 undergraduate programs offered at 28 BC universities, colleges, university colleges and institutes at one time. This enables users to find programs by field of study, specific subject area, program length, credential granted or institution. Users can compare program details, such as admission requirements, tuition fees, start dates and application deadlines. Essentially, it provides access to information about BC's 27 institutions in one place and eliminates the need to gather individual institutional information from a variety of sources.

In addition to the Program Search, the site also has valuable information on:

- How to transfer courses and programs (BCCAT Transfer Guide)
- Student loans and awards
- Student services offered by the institutions
- Services for students with special needs
- Who Offers What (WOW), a searchable grid useful for creating comparisons
- Access to apprenticeship information
- Access to occupational information (Work Futures)
- Access to the online post-secondary application service (PASBC)
- Ways parents and friends can help learners plan their education

Education Planner is developed and managed by the [British Columbia Council on Admissions and Transfer](#). It is endorsed by the post-secondary institutions of BC and funded by the BC Ministry of Advanced Education.

The previous description was adopted from the “Education Planner” website.

POST SECONDARY INSTITUTIONS AT A GLANCE

Each institution has a variety of faculties and programs. This represents a very small sampling for reference only.
Please check each institution's website for more information.

| REQUIRED COURSES | | | | |
|---|-------------------------------|--|--|---|
| INSTITUTION | FACULTY | GRADE 11 | GRADE 12: Admission average based on | SPECIAL NOTES |
| Simon Fraser University www.sfu.ca | ARTS | <ul style="list-style-type: none"> - Literary Studies 11 or Spoken Lang 11 - Language 11 or Beginner's Language 11 - Pre-Calculus 11 or Foundations 11 - A science 11 course | <ul style="list-style-type: none"> - English Studies 12 - 4 academic and university approved grade 12 courses <p style="text-align: center;">See university website for official list</p> | <p>English Language requirement to apply:</p> <ul style="list-style-type: none"> - All students must have 3 years of full-time secondary school education in English in Canada. If the student has less than 3 years in Canada, they must write IELTS/TOEFL. - Students must have a minimum grade of 70% in English Studies 12. To take 1st year English courses, students must achieve a minimum of 75% in English 12 Studies. - Approved Gr. 12 courses include: Comparative Cultures 12, Law 12, Calculus 12 - See website for official approved course list: https://www.sfu.ca/students/adm-req-2019-2020.html <p>Math Requirement:</p> <ul style="list-style-type: none"> - To apply to the Faculty of Arts – Found of Math 11 accepted (limited programs) - To apply to the Sciences – Pre-Calculus 11 and 12 required <p>Admission requirements: https://www.sfu.ca/students/admission/admission-requirements/high-school.html</p> <p>Student Athletes: Due to the fact that SFU is a AA-rated school, students wishing to play on their athletic teams must write the SAT exam</p> |
| | SCIENCE | <ul style="list-style-type: none"> - literary Studies 11 or Spoken Lang 11 - Language 11 or Beginner's Language - Physics 11 and Chemistry 11 - Pre-Calculus 11 | <ul style="list-style-type: none"> - English Studies 12 - Pre-Calculus 12 <p>2 of either;</p> <ul style="list-style-type: none"> - Anatomy and Physiology 12, Chemistry 12, Geography 12, Geology 12 or Physics 12 | |
| University of British Columbia Vancouver and Okanagan Campus www.ubc.ca | ARTS | <ul style="list-style-type: none"> - Literary Studies 11 or Spoken Lang 11 - Pre-Calculus 11 or Foundations 12 - A Language 11 - A science 11 course | <ul style="list-style-type: none"> - English Studies 12 - 5 Additional university approved grade 12 courses <p style="text-align: center;">See university website for official list</p> | <ul style="list-style-type: none"> - All students must achieve a minimum of 70% in either Literary Studies 11 or English Studies 12 to apply to UBC - To take 1st year English classes, students must achieve 75% in English Studies 12 - Students applying to the Arts must have either Pre-Calculus 11 or Foundations 12 - Sciences – must have Pre-Calculus 12 <p>See website for official approved course list: https://you.ubc.ca/applying-ubc/canadian-highschools/#british-columbia</p> <p>Entrance requirements: https://www.ubc.ca/prospective-students/</p> |
| | SCIENCE | <ul style="list-style-type: none"> - Literary Studies 11 or Spoken Lang 11 - Pre-Calculus 11 or Foundations 12 - A language 11 - Physics 11 - Chemistry 11 | <ul style="list-style-type: none"> - English Studies 12 - Pre-Calculus 12 (min 67%) - 1 of the following; Chemistry 12, Geology 12, Anatomy and Physiology 12 - Anatomy, Physics 12 - 3 other university approved grade 12 courses <p style="text-align: center;">See university website for official list</p> | |
| University of Victoria www.uvic.ca | HUMANITIES AND SOCIAL SCIENCE | <ul style="list-style-type: none"> -Literary Studies 11 or Spoken Lang 11 - Pre-Calculus 11 or Foundations 11 - A Social Studies 11 - A science 11 | <ul style="list-style-type: none"> - English Studies 12 - 3 approved academic 12 courses | <p>English Studies 12: Min 67% to apply</p> <ul style="list-style-type: none"> - 86% or better course selection requirement only to determine what 1st year English course students enter – LPI is the same, for students who score under 86% - Engineering – No LPI needed <p>See website for official approved course list: https://www.uvic.ca/future-students/undergraduate/admissions/high-school/bc-vt/index.php</p> <p>Entrance requirements: https://www.uvic.ca/future-students/undergraduate/admissions/index.php</p> |
| | SCIENCE | <ul style="list-style-type: none"> - Literary Studies 11 or Spoken Lang 11 - Chemistry 11 - Physics 11 - Pre-Calculus 11 - A Socials Studies 11 | <ul style="list-style-type: none"> - English Studies 12 - Pre-Calculus 12 - 2 of either; Anatomy and Physiology 12, Chemistry 12, Geography 12, Geology 12, Physics 12 | |
| UNBC (Prince George) www.unbc.ca | ARTS AND SCIENCE | None listed | <ul style="list-style-type: none"> - English Studies 12 - 3 approved grade 12 courses - 1 additional grade 12 course <p style="text-align: center;">See university website for official list</p> | <p>English Studies 12 – passing grade</p> <p>ESL students – 70% or better or level 4 or higher on LPI</p> <p>See website for official approved course list: https://www.unbc.ca/calendar/undergraduate/high-school-admissions#BCandYukonHighSchools</p> |

- A second language 11 course is required to apply to university, however, if a student has a diagnosed learning disability he/she can apply for a language 11 waiver. Please refer to the university website for details or contact the university's Student Service Department.

| INSTITUTION | UNIVERSITY ENTRANCE REQUIREMENTS 2021/2022 |
|--|---|
| <p>DOUGLAS COLLEGE www.douglas.bc.ca</p> | <p>SFU: https://www.sfu.ca/students/admission/admission-requirements.html</p> <p>UBC: https://you.ubc.ca/applying-ubc/requirements/</p> |
| <p>KWANTLEN UNIVERSITY POLYTECHNIC www.kwantlen.bc.ca</p> | <p><u>General Admission:</u> British Columbia High School Graduation</p> <p><u>Program Specific:</u> Each program has different admission requirements.</p> <p>Please check program guides from each institution to see a list of required courses.</p> |
| <p>LANGARA COLLEGE www.langara.bc.ca</p> | |
| <p>CAPILANO UNIVERSITY www.capilanou.ca</p> | |
| <p>BCIT www.bcit.ca</p> | |
| <p>VANCOUVER COMMUNITY COLLEGE www.vcc.bc.ca</p> | |

BACKWARDS PLANNING WORKSHEET

NAME OF INSTITUTION _____

PROGRAM _____ OCCUPATION GOAL _____

Grade 11 Requirements

Grade 12 Requirements

NOTES:

NAME OF INSTITUTION _____

PROGRAM _____ OCCUPATION GOAL _____

Grade 11 Requirements

Grade 12 Requirements

NOTES:

NAME OF INSTITUTION _____

PROGRAM _____ OCCUPATION GOAL _____

Grade 11 Requirements

Grade 12 Requirements

NOTES:

Archbishop Carney Regional Secondary School FINANCIAL POLICIES

POLICY REGARDING MONIES OWING TO THE SCHOOL

One of the requirements for report card, transcripts and yearbook availability, participation in graduation, re-registration, and other school-related services are that all school fees and any other monies due for the present or prior school year be paid according to schedule.

- Any payments returned for insufficient funds will be invoiced, upon receipt, with a \$25 bank charge.
- Any accounts outstanding over thirty (30) days may receive a letter asking for payment within fourteen (14) days. After all reasonable efforts have failed to obtain payment, the Regional Education Committee (REC) reserves the right to refer the outstanding amount to a collection agency.
- On the withdrawal of a student, the school will not refund any fees or any other amounts relating to school activities (Registration Fees, General Student Fees, Graduation Fees, Sports Team Fees, etc).
- When a student leaves the school for any reason, and after graduating, all unpaid amounts remain due to the school.

FINANCIAL ASSISTANCE

If your family is experiencing financial hardship, you should contact your pastor to discuss financial assistance in helping you meet your tuition payments. The pastor, on an individual case basis, will determine the assistance to needy families. Having done that, you may then apply for a school bursary.

As a courtesy, if you are having difficulty making a payment or have questions about your account, please contact the school office and ask to speak confidentially to someone in Accounts Receivable.

FULL-TIME ENROLLMENT POLICY

Archbishop Carney Regional Secondary School registers and enrolls full-time students exclusively, and requires them to maintain their full-time status while at the school.

This requirement is based upon our commitment to the education of the whole child, as reflected in the *"Attributes of a Carney Graduate"**. Education encompasses more than a student's academic timetable and includes a breadth of curricular, co-curricular, and extracurricular opportunities consistent with the mission, vision, and philosophy of the school.

The Archbishop Carney Regional Secondary School Course Selection book published annually, states the specific requirements at each grade level for students to maintain their status as full-time students. Only student timetables that meet the school requirement for full-time status, and provide students with the best opportunity of successfully meeting the criteria for graduation, receive administrative approval.

**"Attributes of a Carney Graduate"* referenced from the Archbishop Carney Regional Secondary School Agenda.

DISTRIBUTED LEARNING

The Ministry of Education allows for students to take Ministry approved courses (such as Biology, Chemistry or Math) at external sites known as Distributed Learning Centers. This policy provides students with greater flexibility and choice within their educational planning.

As your home school (Archbishop Carney), we are responsible for gathering, collecting, and reporting all our students' grades as part of their official transcript. In addition, all provincial exams must be written through the home school which is Carney. As a result we need to know what courses students are taking through Distributed Learning. In addition, if these courses are provincial examinable courses we need to order the correct exams for the correct exam session. Please contact Mr. Harris (harris@acrss.org) in Student Services to make the necessary arrangements regarding Distributed Learning Courses.

ACADEMIC STUDY BLOCK

Grade 12 students may request an academic study block. Requests that meet the following criteria will be awarded a study block:

Students taking a course load (at Carney) that includes **English Studies 12 and four approved courses from the list below.**

Approved Course List

| | |
|---|-------------------------|
| AP Art History 12 | Financial Accounting 12 |
| AP Calculus 12 | Geology 12 |
| AP Computer Science 12 | Human Geography 12 |
| AP French 12 | Literary Studies 12 |
| Anatomy and Physiology 12 | Law Studies 12 |
| Calculus 12 | Physical Geography 12 |
| 20 th Century World History 12 | Physics 12 |
| Chemistry 12 | Political Studies 12 |
| Comparative Cultures 12 | Pre-Calculus 12 |
| Creative Writing 12 | Social Justice 12 |
| Economic Theory 12 | Spanish 12 |
| French 12 | Foundations Of Math 12 |

- COURSE CHANGE DATE -

October 11th, 2021 is the course Add/Drop/Change date.

Students who wish to make course changes must do so before this date.

ACRSS FINAL EXAMINATION PROGRAM (Subject to change)

| | School Final Exams/Assessments | Provincial Assessments |
|-----------------|---|--|
| GRADE 8 | <ul style="list-style-type: none"> ● Math ● English ● Science | <ul style="list-style-type: none"> ● None |
| GRADE 9 | <ul style="list-style-type: none"> ● Math ● English ● Science | <ul style="list-style-type: none"> ● None |
| GRADE 10 | <ul style="list-style-type: none"> ● Math ● Literary Studies ● Science | <ul style="list-style-type: none"> ● Gr. 10 Numeracy Assessment ● Gr. 10 Literacy Assessment |
| GRADE 11 | <ul style="list-style-type: none"> ● Math (all) ● Literary Studies ● Christian Ed. | <ul style="list-style-type: none"> ● None |
| GRADE 12 | <ul style="list-style-type: none"> ● Math (all except for AP Calculus) ● English Studies ● All courses approved for an Academic Study Block (See list below) | <ul style="list-style-type: none"> ● Gr. 12 Graduation Literacy Assessment. ● Numeracy Assessment (if not already written) |

Approved Course List

- | | |
|---|-------------------------|
| AP Art History 12 | Financial Accounting 12 |
| AP Calculus 12 | Geology 12 |
| AP Computer Science 12 | Human Geography 12 |
| AP French 12 | Literary Studies 12 |
| Anatomy and Physiology 12 | Law Studies 12 |
| Calculus 12 | Physical Geography 12 |
| 20 th Century World History 12 | Physics 12 |
| Chemistry 12 | Political Studies 12 |
| Comparative Cultures 12 | Pre-Calculus 12 |
| Creative Writing 12 | Social Justice 12 |
| Economic Theory 12 | Spanish 12 |
| French 12 | Foundations Of Math 12 |

Archbishop Carney Regional Secondary School

LIST OF COURSES

COURSE CHANGE DATE -

October 11th, 2021 is the course Add/Drop/Change date.

Students who wish to make course changes must do so before this date.

BUSINESS EDUCATION

Business education enables people to think, speak and behave in ways that support the growth, efficiency and effectiveness of an organization or several organizations. The information contained within the business education curriculum is not only valuable for all students in today's world, but is also critical for the success of our country. All students need to have a general understanding of how the Canadian economy operates and the role business plays in the economic well-being of our country. Not to mention, the absolute necessity for students to be able to understand and utilize technology in their personal and professional lives.

High school students who elect to study business may do so for a variety of reasons. They may be interested in business education because they want to learn about investments, develop computer skills, or understand how economic principles apply to life. They may study business because they intend to go to work immediately after graduation from high school or a community college. Some study business to learn the basics of entrepreneurship so they can start their own business. Still others may have decided that pursuing a college or university degree in business is their goal so they study business education to prepare for higher education.

ENTREPRENEURSHIP AND MARKETING 10

CODE: MADEM10----

This course explores the characteristics of entrepreneurship and the opportunities for entrepreneurs. Students will learn about the life cycle of a product from invention/innovation to the marketplace. A detailed analysis of the barriers that various groups of entrepreneurs face and the factors that can contribute to their success will also be studied. This is an excellent introductory course within the business program.

ACCOUNTING 11

CODE: MAC--11----

Prerequisite: Pre-Calculus and Foundations Math 10

Students with no prior training learn fundamental accounting skills, building an appreciation for the role of accounting in managing a profitable business. Students will study various types of businesses and business ownership, and ways in which accounting procedures are applied in the different types of business ownership, and ways in which accounting procedures are applied in the different types of businesses with regard to recording transactions, preparing financial statements, and analyzing the process of cash management. They will learn about risks related to credit sales and about the collection of debts. The concepts of ethics, integrity, and confidentiality are woven in throughout the course.

ECONOMIC THEORY 12

CODE: MEC--12----

Prerequisite: Pre-Calculus Math 11 or Foundations of Math 11 (can be taken concurrently)

This is a fun and interesting course that examines the study of human behaviour in a financial context. The course focuses on three key questions. First, why do people do what they do? Second, how do financial systems and economies work? And third, how do people and financial systems relate to one another? The content of this course is a combination of theory and practical. Students will demonstrate an understanding of foundational economic theories, applied research, factors of production, role of markets, and the role of government in the general study of economics. This course is eligible for admission to post-secondary institutions.

FINANCIAL ACCOUNTING 12

CODE: MFA--12----

Prerequisite: *Pre-Calculus Math 11 or Foundations of Math 11; and Accounting 11 (recommended but not required)*

Financial Accounting 12 is designed for students who intend to take further courses in accounting, financial management, business management, or commerce in a college or university, or through enrolment in courses offered by a professional organization such as CGA. Successful completion of Financial Accounting 12 will give you a solid grounding in the kinds of analytical, decision-making, and communication skills needed by successful managers in all aspects of business. You will also learn about a wide variety of career options, not only in accounting, but throughout the business world. This course is eligible for admission to some post-secondary institutions - please check with individual institutions for specific admission requirements..

This course will enhance your skills in the following areas:

1. decision making and problem solving in a business setting
2. preparing, presenting, and defending financial reports
3. evaluating a business through an examination of its financial records, and recognizing the limitations of such evaluation
4. using the microcomputer as an evaluative tool in the management decision making process.

CHRISTIAN EDUCATION

Students need to have a copy of the New American bible for all Christian Education classes. Families may acquire current copies of the bible from the Campus Ministry Coordinator.

CHRISTIAN EDUCATION 10

CODE: YPHR-OA----

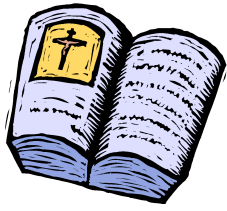
The Christian Education 10 class focuses on Catholic moral teachings. We will examine the beliefs of the Church in order to understand the purpose of Catholic morality, and in order to understand how making correct moral decisions brings us closer to God. We will examine many of society's ideals in order to better understand the challenges of remaining true to our Catholic beliefs. We will examine controversial subjects with reason and faith. We will learn how God reaches out to us in every minute of every day for our entire lives. We will learn to be ourselves, but even further to be the *best-version-of-ourselves*. This course is also designed to stimulate student prayer life and an increased awareness of Sacramental life within the Catholic Church. In addition, participation within the school community in terms of service and liturgical celebrations will be emphasized. The course will also address appropriate issues of human sexuality and relationships in light of the Church's teachings on Theology of the Body.



CHRISTIAN EDUCATION 11

CODE: YPHR-1A----

Christian Education 11 is a course which assists students to deepen their understanding of the Roman Catholic Church. We are called to explore the Church's journey through the past, present, and future with an invitation for us to join in her experiences. As we search to develop a greater understanding of who we are, we look to our past to gain greater knowledge of where we have come from and where we are going. We will explore the major events and people which have shaped our history and how they affect our contemporary Church. We will be involved in active projects which will allow students to creatively express their understanding of the material. The course will also address appropriate issues of human sexuality and relationships in light of the Church's teachings on Theology of the Body.



CHRISTIAN EDUCATION 12

CODE: YPHR-2A----

This course is comprised of the five major units. The units are based on the major paradoxes of our Faith: being and doing, providence and free will, equality and inequality, good and evil, justice and mercy. These units incorporate the curricular and content competencies of the CISVA CE 12 course, including prayer, the Gospel of John, personal identity, vocation and mission. The material presented in this section will be through the Catholic perspective and instruction on the aspects of virtuous

living.

ENGLISH

LITERARY STUDIES 10 / CREATIVE WRITING 10 (English 10 - Option #1)

CODE: MLTST10---- / MCTWR10----

This full-year class combines two two-credit English Language Arts courses, Literary Studies, and Creative Writing. Literary Studies allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media. Creative Writing is designed for students who have an interest in creative expression through language. The course provides students opportunities to build their writing skills through the exploration of a range of genres. Within a supportive community of writers, students will collaborate and develop their skills through writing and design processes. Students can choose between Literary Studies/Creative Writing, and Literary Studies/New Media to fulfill their English Language Arts requirement for grade 10.



LITERARY STUDIES 10 / NEW MEDIA 10 (English 10 – Option #2)

CODE: MLTST10---- / MNMD-10----

This full-year class combines two two-credit English Language Arts courses, Literary Studies, and New Media. Literary Studies allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media. New Media is a program of studies designed to reflect the increasing importance of digital media in communicating and exchanging ideas. Some of the topics include the importance of media literacy, issues of credibility in the digital age (fake news), media desensitization, and using social media as a tool for storytelling. Students can choose between Literary Studies/Creative Writing and Literary Studies/New Media to fulfill their English Language Arts requirement for grade ten.

COMPOSITION 10 / SPOKEN LANGUAGE 10 (International Students Only)

CODE: MCMPS10---- / MSPLG10----

Composition and Spoken Language 10 uses an integrated approach to language acquisition in which the following components are interconnected: reading, writing, listening, speaking and interacting; grammar; culture; and language-learning strategies. Students are supported with their development of written and spoken communication through processes of questioning, exploring, and sampling. This course also builds on students' written and spoken language competencies with focus on grammar, vocabulary, punctuation and pronunciation. Students have opportunities to individually and collaboratively study, draft, and use language to create and write original pieces.

COMPOSITION 11

CODE: MCMPS11----

Composition 11 is designed to support students as they refine, clarify, and adjust their written communication through practice and revision. The course provides opportunities for students to, with increasing independence, study, create, and write original and authentic pieces for a range of purposes and real-world audiences. They will expand their competencies through processes of drafting, reflecting, and revising. Composition should be taken in combination with another English 11 course.

LITERARY STUDIES 11

CODE: MLTST11----

In Literary Studies 11 students will receive the necessary foundation instruction to prepare them for English Studies 12. The course builds skills in writing and engenders growth built on responses to various genres of literature. The major literary genres for study will be the essay, novel, short story, Shakespearean drama, and poetry. Writing instruction will emphasize the persuasive, expository, narrative, and descriptive modes in paragraph and multi-paragraph (essay) compositions. Skill refinement is in the use of grammar, punctuation, vocabulary, analytical thinking, and synthesis of ideas. Recognition and use of literary and poetic devices in students' own writing is expected. Students will be encouraged to respond to literature as life experience, integrating their own experiences with themes they experience in literature. English 11 fulfills the Language Arts requirement for grade eleven.

SPOKEN LANGUAGE 11

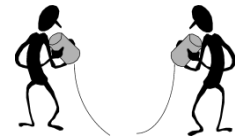
CODE: MSPLG11----

In Spoken Language 11, students will receive the necessary foundation instruction to prepare them for English Studies 12. Like Literary Studies 11, students will build basic skills in writing and respond to literature as well as life experience. However, Spoken Language 11 is designed as a companion course for strand A of Social Studies 11, and will integrate a particular focus on crafting responses appropriate to persuasion, non-fiction texts, political venues, and oral delivery. Students enrolled in this course will be encouraged to participate in speech competitions and Model United Nations as enrichment to the course. Students in this course must also enroll in strand A of Social Studies 11 (Explorations)

ENGLISH STUDIES 12

CODE: MENST12----

English Studies 12 is an academic course that concentrates on a variety of skills including critical reading, thoughtful questioning, analytical interpretation, creative expression, articulate speech, and respectful collaboration. Students will read, understand, appreciate, and critically analyze a variety of literary genres through a lens of inquiry. Students will also develop meta-cognitive skills by reflecting on and improving their own work. Students at this level are expected to formulate analytical arguments, defend their positions with well-selected evidence, and express themselves with sophisticated diction and style. All students must complete English Studies 12 in order to graduate. English Studies 12 is a challenging course, and students who finish English 11 with a grade of 60% or lower should also enroll in Composition 12.



COMPOSITION 12

CODE: MCMPS12----

Composition 12 is designed to support students as they refine, clarify, and adjust their written communication through practice and revision. The course provides opportunities for students to, with increasing independence, study, create, and write original and authentic pieces for a range of purposes and real-world audiences. They will expand their competencies through processes of drafting, reflecting, and revising. Composition 12 will not fulfill graduation requirements alone. English Studies 12 is required for graduation.

LITERARY STUDIES 12

CODE: MLTST12----

Literary Studies 12 is an elective course that allows students to delve deeper into literature. Through an examination of outstanding works in English Literature, students will be challenged to think creatively and critically about literature, to communicate about literature and how it reflects society, and to develop a personal and social relationship with literature. Thematic ideas explored in the course include the hero's journey and women in literature.



CREATIVE WRITING 12

CODE: MCTWR12----

Creative Writing 12 is an elective course that is designed for students who have an interest in writing. The course focuses on creative and journalistic writing and provides opportunities for students to extend their writing skills and experiences beyond those developed in English Studies 12. In Creative Writing 12 students are encouraged to experiment with the written word and produce varied original works for authentic, real-world audiences. Some analysis of relevant works and study of form are included. Student work is primarily assessed through the development of a portfolio of work.

FINE ARTS

PERFORMING ARTS

SENIOR CONCERT BAND PROGRAM:

CONCERT BAND 10 / CONCERT BAND 11 / CONCERT BAND 12

CODE: MIMCB10----, MIMCB11---- and MIMCB12----

This performance-based course offers students the opportunity to explore and interpret music of a variety of styles and historical and cultural backgrounds. Students will have the opportunity to develop their self-identity as artists within the context of instrumental music. Students in this class will develop the core and curricular competencies through regular rehearsals as well as performance events such as concerts, workshops and festivals. In addition, students in this course will be offered the optional opportunity of a performance tour on alternating years outside of the local community.

This course is held every second day on the timetable. Prerequisites for this course include a minimum 2 years playing experience on a concert band instrument.

JAZZ BAND I PROGRAM:

Includes JAZZ BAND 10, JAZZ BAND 11, JAZZ BAND 12

CODE: MMUJB10----, MIMJB11----, MIMJB12----

This advanced performance-based course offers students the opportunity to explore and interpret music of a variety of styles within the jazz idiom. Students will have the opportunity to develop their self-identity as artists within the context of instrumental jazz music. Students in this class will develop the core and curricular competencies through regular rehearsals as well as performance events such as concerts, workshops and festivals. It is highly recommended for guitar players to read music notation rather than tabs. Please note, participation in Senior Concert Band is a co-requisite for admission to this course. Additionally, participation in this ensemble requires a minimum two years playing experience on their instrument (flute, alto/tenor/bari saxophone, trumpet, trombone, bass, guitar, piano, drum kit) and is contingent on the completion of a successful audition.

This course is held every second day at 7:10 a.m.

JAZZ BAND II PROGRAM:

Includes JAZZ BAND 8, JAZZ BAND 9, JAZZ BAND 10

CODE: MAE--08---JB2, MAE--09---JB2, MMUJB10----

This intermediate performance-based course offers students the opportunity to explore and interpret music of a variety of styles within the jazz idiom. Students will have the opportunity to develop their self-identity as artists within the context of instrumental jazz music. Students in this class will develop the core and curricular competencies through regular rehearsals as well as performance events such as concerts, workshops and festivals. It is highly recommended for guitar players to read music notation rather than tabs. Please note, participation in Senior Concert Band is a co-requisite for admission to this course. Additionally, participation in this ensemble requires a minimum two years playing experience on their instrument and is contingent on the completion of a successful audition.

This course is held every second day at 7:10 a.m.

SENIOR CHORAL MUSIC PROGRAM:

CONCERT CHOIR 10 / CONCERT CHOIR 11 / CONCERT CHOIR 12 **OFF TIMETABLE**

CODE: MMUCC10----, MCMCC11----, MCMCC12----

This performance-based course offers students the opportunity to explore and interpret music of a variety of styles and historical and cultural backgrounds. Students will have the opportunity to develop their self-identity as artists within the context of choral music. This course will aid students in the development of vocal technique, musical literacy, proper breathing, and authentic musical interpretation. Students in this class will develop the core and curricular competencies through regular rehearsals as well as performance events such as concerts, workshops and festivals. In addition, students in this course will be offered the optional opportunity of a performance tour on alternating years outside of our local community. There are no prerequisites for this course.

This course on alternating days at 7:10 a.m., affording students the timetable space to take an additional elective.

CONCERT CHOIR 10 / CONCERT CHOIR 11 / CONCERT CHOIR 12 ON TIMETABLE

CODE: MMUCC10----, MCMCC11----, MCMCC12----

This performance-based course offers students the opportunity to explore and interpret music of a variety of styles and historical and cultural backgrounds. Students will have the opportunity to develop their self-identity as artists within the context of choral music. This course will aid students in the development of vocal technique, musical literacy, proper breathing, and authentic musical interpretation. Students in this class will develop the core and curricular competencies through regular rehearsals as well as performance events such as concerts, workshops and festivals. While students in this section rehearse separately from the morning section of the Senior Concert Choir, they will be combined for performances. In addition, students in this course will be offered the optional opportunity of a performance tour on alternating years outside of our local community. There are no prerequisites for this course.

Intended for students who would like to take choir as their main elective, or for those who have difficulty making the early-morning schedule work, this course is offered within the standard timetable.

SENIOR CHAMBER CHOIR:

CHAMBER CHOIR 10 / CHAMBER CHOIR 11 / CHAMBER CHOIR 12

CODE: MMUCH10----, MMUCH11----, MMUCH12----

This performance-based course offers students the opportunity to extend their studies in the choral arts in the context of a smaller ensemble. Students will have the opportunity to apply the foundational skills acquired in the base concert choir program at a higher level to more sophisticated repertoire with greater independence. Students in this course will also have the opportunity to hone their skills while mentoring younger singers and taking on leadership roles. This course is run as two mixed voice sections of students in grades 8-12. Students are placed into a particular ensemble based on balance and voicing requirements. Admission to this course may require a successful audition. ***Students wishing to participate in this ensemble are required to take concert choir as a co-requisite.***

One section of this course is held every Wednesday from 3:10-4:45, and every Monday at lunch; the other section of this course is held on Tuesdays from 3:10-4:45 and Thursdays at lunch.

DRAMA 10

CODE: MDRM-10----

This course is designed to expand on the skills that were introduced in Drama 9. Students will explore the various roles involved in theatre production, storytelling, puppetry, scene work, playwriting, head shots and theatre marketing. Students will have the opportunity to utilize their skills through the planning and presentation of the Remembrance Day Prayer Service and the creation, production and performance of a One Act Play, to be presented at ARTSfest, our in-house, One Act Play festival. Students will attend a professional matinee presentation in downtown Vancouver. Students are expected to participate in all group and individual activities in a positive and affirming atmosphere. No prerequisite required.

DRAMA 11 / DRAMA 12

CODE: MDRM-11----, CODE: MDRM-12----

This course is designed to expand on the skills that were developed in previous drama courses. Students will explore the audition process, monologues, scene work, playwriting, set design, stage direction and performance. A significant emphasis will be placed on the level of activity of the student within class projects and on collaborative group projects. Students will have the opportunity to utilize their skills through the Provincial Zone Festival METfest, a One Act Play Festival with the other high schools in the Tri-Cities, and at ARTSfest, our in-house, One Act Play festival. From ARTSfest, one ensemble will be selected to represent our school at the BC Catholic Play Festival. Students will attend a matinee at Bard on the Beach with the grade 12 English classes and two professional matinee presentations in downtown Vancouver. Students will have the opportunity to participate in the 3-day 2 night Provincial Drama Festival for an additional fee. Drama 11 and 12 have no prerequisites.

THEATRE PRODUCTION 10 / 11 / 12

CODE: MDRD-10----, MDRTP11----, MDRTP12----

This course is designed to have students apply critical, creative and reflective thinking skills in the exploration, design, creation and refinement of theatre productions. This will be done by examining production roles including, but not limited to, lighting design, sound design, set design and construction, and production management. This course will meet once a week, out of the timetable, to learn the technical aspects of theatrical production, and to distribute assignments. The remainder of the course is taught through real world production of events such as assemblies, masses, pep rallies, dances, auctions, concerts, plays, and musicals. Students must be willing to volunteer their time to attend these vital school events. Students will attend a professional matinee presentation in downtown Vancouver. Additionally, students have the opportunity to participate in the 3-day 2-night Provincial Drama Festival for an additional fee. There is no prerequisite.

VISUAL /GRAPHIC/MEDIA ARTS

ART STUDIO 10

CODE: MVA10----

For students who are inclined to develop their talents in art, this course is an opportunity to explore a variety of interesting topics. Projects will be selected from areas such as ceramics, pottery, drawing and painting, design and sculpture.



ART STUDIO 11

CODE: MVA11----

This course will provide each student with a range of areas for exploration, which could include drawing, painting, sculpture, printmaking design or ceramics and sculpture. Individual studio projects will be stressed so that each student begins to form a personal discipline and approach to his/her own experiences. This course is also open to students taking art for the first time.

ART STUDIO 12

CODE: MVA12----

Recommended: Art Studio 11

This course follows Art Studio 11 and will provide students with a deeper understanding of the creative process. The course allows for students on individual projects to use a variety of art forms. Emphasis will be on developing work to be added to a student's portfolio for entry into a university or college Fine Arts program.

YEARBOOK PROGRAM

GRAPHIC ART 11

CODE: MVA11----

This is an introductory course, which combines the creativity of content and design with the technical aspects of producing a multi-page document, specifically the school's yearbook. Students will gain experience and skill with interviewing, reporting, meeting deadlines, and producing a publication. The content focus of this course includes journalism, digital photography, design layout, photoshop, and production of digital artwork. Graphic Art 11 offers students a unique opportunity to work closely with and learn from Yearbook 12 students while developing leadership skills. Students will need to make a full commitment to this course as they are required to spend additional time outside of class in order to ensure coverage of various extracurricular activities and to meet pre-print deadlines.

Admission to this course is limited and all interested students should contact the Yearbook Advisor, Ms. L. Reis.

YEARBOOK PROGRAM

GRAPHIC ART 12

CODE: MVA12----

This is an interdisciplinary course of study which takes a hands-on approach to Fine Arts, English, Business Studies, and Technological Education. Its aim is to address the multi-faceted needs of senior students by providing them with the opportunity to further develop and demonstrate skills in journalism, communication and leadership, graphic design, photography, photoshop and desktop publishing. Graphic Art 12 students are expected to take on leadership roles by becoming an integral part of the editorial team responsible for directing all phases of the school's yearbook production. Students are provided with instruction and practical experience in the following areas: publication concept and design, reporting, writing, editing, graphic design and layout, photography, photoshop, event coverage, time management, production scheduling, financial concerns, and managing human resources. Students will need to make a full commitment to this course as they are required to spend additional time outside of class in order to ensure coverage of various extracurricular activities and to meet pre-print deadlines.

Admission to this course is limited and all interested students should contact the Yearbook Advisor, Ms. L. Reis.

MEDIA ARTS 10

CODE: MVAM-10----

This course is an introduction to the world of Media Arts. The two major units are animation and film. During the course, students will learn and practice the steps in creating a short film including pre-production, production, and post-production. Aspects of short film production including script writing, cinematography, music composition, video editing, audio editing, basic special effects, and lighting will be presented and practiced. During the second unit, students will be introduced to the principles of animation. Both 2D and 3D animation techniques will be practiced. Students will have the opportunity to participate in various film festivals during the year.

MEDIA ARTS 11

CODE: MVAMT11----

This course is available to students in grade 11 and 12 who have an interest in film production. The emphasis of the course will be an introduction to digital video, live video production, digital video editing, as well as an introduction to 3D animation. Aspects of pre-production, production, and post-production will be examined and practiced throughout the course. Students will have the opportunity to participate in several film festivals as well as create short films that will be viewed within the school. Students will be encouraged to find and express their artistic voice and sense of place. Students should expect to dedicate at least one full day to filming (outside of class time) each reporting period. Students will have access to DSLR camera kits including cameras, tripods, external microphones, and current computers running the latest versions of Adobe Premiere, After Effects, and Animate.

MEDIA ARTS 12

CODE: MVAMT12----

This course is available to students in grade 12 who have completed Media Arts 11, or have a demonstrated keen interest in this area. The focus of this course is to continue developing video and short film techniques through the creation of a range of short digital video projects as well as associated post-production skills. Students will be required to submit a significant work to a student film festival of their choice. Their submission can, and likely will, be a group film project. Interested students should be motivated in this area and capable of working independently. In order to complete film projects, students should expect to dedicate at least one full day to filming (outside of class time) each reporting period. Students will have the option of completing one or more projects using 2D or 3D animation. Students will have access to DSLR camera kits including cameras, tripods, boom poles, external microphones, lights, camera stabilizers, and current computers running the latest versions of Adobe Premiere, After Effects, and Animate.

HEALTH, CAREER AND PLANNING

CAREER LIFE EDUCATION 10

CODE: MCLE-10----

This course will replace the Planning 10 course. Completion of this course is required by the Ministry of Education for graduation in BC. The Career Education curriculum supports students in the process of becoming successful, educated citizens by providing them with opportunities to explore a variety of careers and options for their future. Career Education helps students to discover a bridge between classroom learning and workplace and post-secondary realities, and is intended to make their learning meaningful and relevant.

CAREER LIFE CONNECTIONS / CAPSTONE (Gr.11/12)

CODE: MCLC-12----

Completion of these courses is required by the Ministry of Education for graduation in BC. Career Life Connections/Capstone is intended to prepare students for a successful transition to life after secondary school. In order to meet this goal, Career Life Connections/Capstone encourages students to: take ownership of their own health and learning; examine and demonstrate connections between their learning and their future; create a plan for their growth and development as skilled, healthy, knowledgeable, participating citizens; and exhibit attributes of a BC graduate.

WORK EXPERIENCE 12A

CODE: MWEX-2A----

This course offers students a unique opportunity to work in local businesses and industry as part of their school day and course work. Work experience is a supervised and monitored program that includes a minimum of 90 hour unpaid work placement along with some coursework and assignments.

Some of the benefits that the work experience program offers include the following:

- Developing skills and knowledge of an occupation
- Helping to determine future career choices
- Creating local contacts and references as well as possible future employment opportunities
- Gaining job experience well the knowledge, skills, and attitudes needed to be successful in the world of work
- Learning about “Work Safe” and increasing safety awareness
- Connecting what is learned in the classroom with the skills, knowledge and attitudes needed in the workplace
- Understanding the similarities and differences in behavior standards between the workplace and school.

The primary goal of work experience is to help students prepare for the transition from secondary school to the world of work. Through work experience, students have the opportunity to observe and practice generic employability skills required in the workplace and/or the technical and applied skills relating to specific occupations or industries.

Enrollment is limited and so the following will be taken into consideration when deciding which students will be selected:

- 1) Proven positive attitude and willingness to learn
- 2) Flexibility of schedule and graduation requirements
- 3) Proven sense of responsibility.

HOME ECONOMICS



Home economics will address the challenges related to family and daily living. It draws knowledge from many disciplines and uses the experiences and needs of students to make learning meaningful in both personal and family contexts. The program focuses on helping students develop practical abilities related to foods, textiles, and caregiving. It also fosters the critical thinking and problem-solving skills needed to manage resources effectively. In doing so, home economics makes important contributions to improving the quality of students’ present and future families; increasing students’ resourcefulness in dealing with domestic and workplace challenges and students' development as responsible citizens.

FOODS STUDIES 10

CODE: MFOOD10----

This is a course for Grade 10 students who love to cook and want to learn more about ingredients, how to use them and how to create a meal plan and budget. In Food Studies 10, you will have the opportunity to develop your cooking skills and techniques while exploring how to put together meal plans and budget for different groups. Cooking labs include teacher-selected recipes as well as recipes of student choice encouraging creative thinking. Unit topics include food handling and safety, meal planning and preparation, eating for complete health, food trends, baking and First Peoples food practices. *No previous foods courses required.*

FOOD STUDIES 11

CODE: MFDN-11----

This course is designed for students at the senior level who have an appreciation for the many facets of food. Students will learn preparation techniques that promote competence and confidence in cooking for themselves and for others. Food Studies 11 will provide opportunities to plan, prepare, and enjoy a variety of foods from around the world, while applying key concepts of healthy eating. Course topics include: knife skills; food safety; food sustainability; environmental and health issues related to the production and consumption of food; and factors that influence the foods we eat. *No previous foods courses required.*

FOOD STUDIES 12

CODE: MFDN-12----

Food Studies 12 is for Grade 12 students interested in the various aspects of food. Students will develop an understanding of the principles of healthy eating and how to plan and create meals for individuals, groups, and family members. Students will increase their knowledge of the nutritional, social, and economic factors that affect food selection and preparation. Finally, students will learn to think critically about principles and techniques related to governance, acquisition, production, and consumption of foods. Cooking labs include both teachers–selected recipes as well as recipes of student choice or creation. The food choices will be indicative of a senior level course, therefore, will be more sophisticated and in-depth. *No previous foods courses required.*

CHILD DEVELOPMENT AND CAREGIVING 12

CODE: MCDAC12----

Child Development and Caregiving 12 (formerly Family Studies 12) takes a look at child development (birth to age 12) from the perspective of a caregiver or parent. Students will learn about pregnancy and birth, stages of development from birth to age 12, theories of child development, caregiving/child-raising styles, wellness and safety and community resources. This course is explored with many hands-on projects, presentations and activities. Learning is supported through guest speakers. *No previous courses required.*

TEXTILES 10

CODE: MTXT-10----

Textiles 10 is a hands-on course that has students exploring and experimenting with natural and manufactured textiles, including their origins, characteristics, and care; hand and machine construction techniques for producing and/or repairing textile items, including First Peoples textile practices, strategies for altering patterns and upcycling, principles of design used in the design of a textile item, environmental and ethical factors that influence textile choices and the impact of those choices on local and global communities. Projects include teacher-selected ideas as well as student choice. Additionally, students will explore and learn new skills that include, but are not limited to, knitting, weaving, felting, surface design, embroidery, machine sewing and hand sewing. Learning in this course is supported by guest speakers and workshops. *No previous courses required.*



TEXTILES 11

CODE: MTXT-11----

Textiles 11 is a hands-on course that has students exploring and experimenting with the physical and chemical properties of fabrics, including technological development; strategies for modifying patterns, techniques for repurposing textile items, various factors that affect the selection of textile items, including the elements and principles of design and textile functionality; symbolism in textile prints and designs, including those of First Peoples, economical and ethical issues in textile production and consumption, and the influence of marketing and advertising, such as social media, in the promotion of fashion and textile items. Projects include teacher-selected ideas as well as student choice. Additionally, students will explore and develop new skills that include, but are not limited to, knitting, weaving, felting, surface design, cross stitch, machine sewing and hand sewing. Learning in this course is supported by guest speakers and workshops. *No previous courses required.*

TEXTILES 12

CODE: MTXT-12----

Textiles 12 is a hands-on course that has students exploring and experimenting with the relationship between fibre content, fabric type, and textile use; methods for designing patterns and textile manipulation techniques; legislation, regulations, and agencies that influence production, labelling, and distribution of textile items, historical uses of textile items and their influence on modern textile use, including those of First Peoples, and forecasting practices and how they are used in the development and creation of textile items. Projects include teacher-selected ideas as well as student choice. Additionally, students will explore and develop skills that include, but are not limited to, knitting, weaving, felting, surface design, embroidery, machine sewing and hand sewing. Learning in this course is supported by guest speakers and workshops. *No previous courses required.*

LEARNING RESOURCE CENTRE

PROGRAM SUPPORT 10 / 11 /12

Students who require additional academic support may choose to take a program support block with the approval of the Learning Resource Department Head. Program support blocks are not eligible for credit. The program support block will be a scheduled time within the student's timetable.

MATHEMATICS

MATHEMATICAL FRAMEWORK FOR STUDENTS TAKING A MATH 10 COURSE

The Mathematical framework for Grades 10 – 12 Mathematics includes three pathways:
Workplace Mathematics, Foundations of Mathematics and Pre-Calculus.

WORKPLACE MATHEMATICS

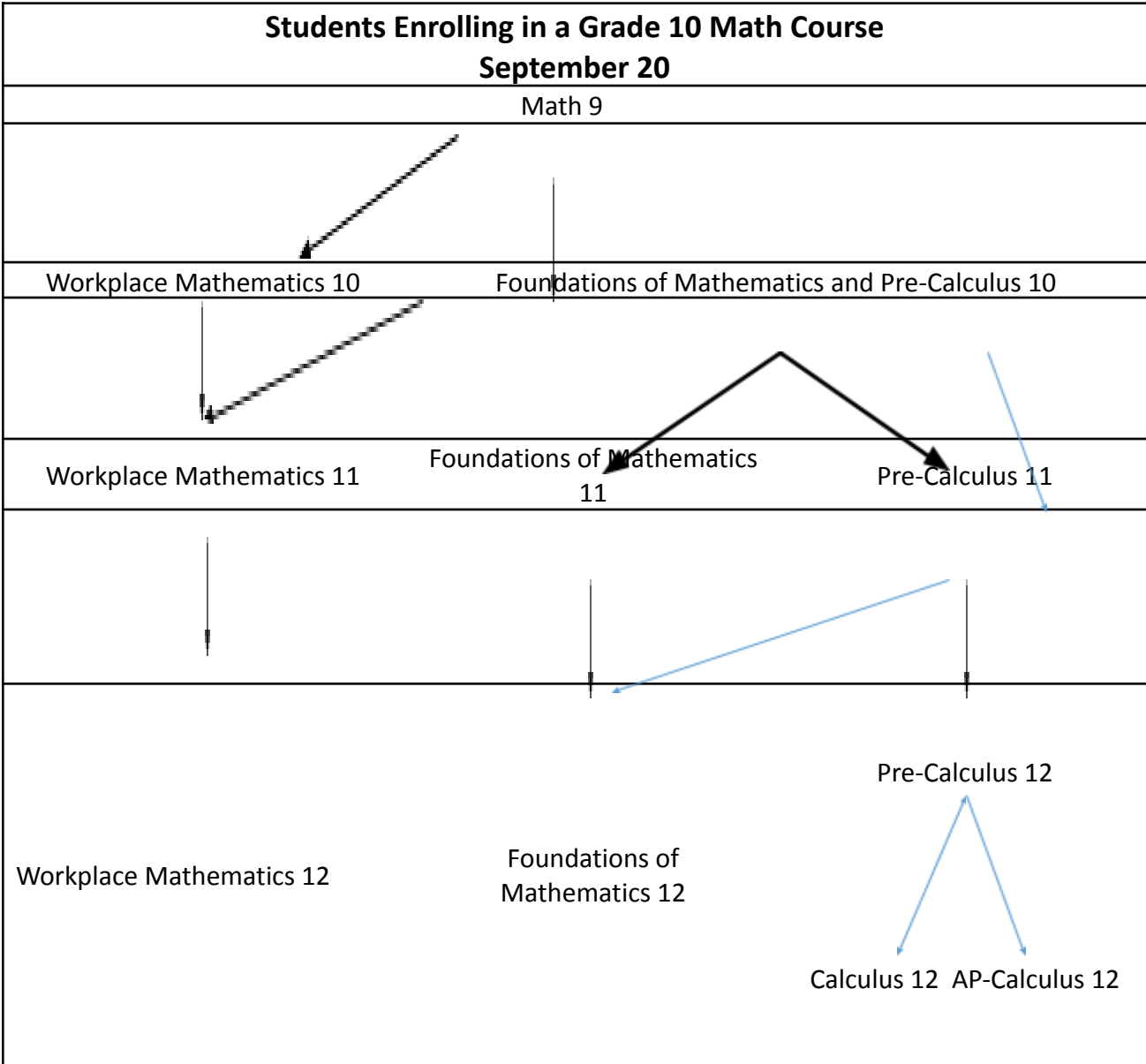
This pathway is designed to provide students with the skill required for entry into the majority of the trades and for direct entry into the workforce. Topics include algebra, geometry, measurement, number, statistics and probability.

FOUNDATIONS OF MATHEMATICS

This pathway is designed to provide students with the skills required for post-secondary studies in programs that do not require the study of theoretical calculus. Topics include financial mathematics, geometry, measurement, number, logical reasoning, relations and functions, statistics and probability.

PRE-CALCULUS

This pathway is designed to provide students with the skills required for post-secondary studies in programs that require the study of theoretical calculus. Topics include algebra and number, measurement, relations and functions, trigonometry, and permutations, combinations and binomial theorem. This course is designed for students who intend to pursue careers in mathematics, the sciences or engineering.



FOUNDATIONS OF MATHEMATICS AND PRE-CALCULUS 10

CODE: MFMP-10----

Recommended: 60% in Math 9

This pathway is designed to provide students with the skills required for post-secondary studies in programs that require the study of theoretical calculus. Topics include geometry, measurement, number, logical reasoning, algebra, measurement (surface area and volume of 3D objects), relations and functions, trigonometry. Problem solving is integrated throughout the course. To be successful in this course it is recommended that students achieve a minimum of 60% in Mathematic 9. All students are required to use a scientific calculator for this course.

WORKPLACE MATHEMATICS 10

CODE: MWPM-10----

Recommended: Successful Completion of Math 9

This pathway is designed to provide students with the skill required for entry into the majority of the trades and for direct entry into the workforce. Topics include financial mathematics, algebra, geometry, measurement, number, statistics and probability. All students are required to use a scientific calculator for this course. The students who complete this course will be required to take Apprenticeship and Workplace Mathematics 11 as their mathematics course in grade 11.

WORKPLACE MATHEMATICS 11

CODE: MWPM-11----

This pathway is designed to provide students with the skill required for entry into the majority of the trades and for direct entry into the workforce. Topics include financial mathematics, algebra, geometry, measurement, number, statistics and probability. All students are required to use a scientific calculator for this course.



FOUNDATIONS OF MATHEMATICS 11

CODE: MFOM-11----

Recommended: 60% in Foundations and Pre-Calculus 10

This pathway is designed to provide students with the skills required for post-secondary studies in programs that do not require the study of theoretical calculus. Topics include financial mathematics, geometry, measurement, number, logical reasoning, relations and functions, statistics and probability.

PRE-CALCULUS 11

CODE: MPREC11----

Recommended: 60% in Foundations and Pre-Calculus 10

Pre-Calculus Mathematics 11 is a challenging mathematics course that begins to prepare the student with above average ability for university-level mathematics. Students may enter this course only as a continuation of Pre-Calculus and Foundations Mathematics 10 or on a teacher recommendation. This course is required for entrance to post-secondary math and science programs and as a general entrance requirement to BC universities. This pathway is designed to provide students with the skills required for post-secondary studies in programs that require the study of theoretical calculus. Topics include algebra and number, measurement, relations and functions, trigonometry, and permutations, combinations and binomial theorem. This course is designed for students who intend to pursue careers in mathematics, the sciences or engineering.

PRE-CALCULUS 12

CODE: MPREC12----

Recommended: 70% in Pre-Calculus 11

Pre-Calculus 12 is a difficult course requiring self-discipline to complete the many hours of work. Students enrolled in this course are expected to learn at a very fast pace and use their background knowledge from several strands of mathematics to study topics that are important in modern scientific technology. Pre-Calculus 12 is not required for university entrance but must be taken by all students planning to study Science, Mathematics, Commerce, or computer studies at BC universities. Topics of study include Permutations, Combinations and Binomial Theorem, Relations and Functions, and Trigonometry.

FOUNDATIONS OF MATH 12

CODE: MFOM-12----

Recommended: 67% in Pre-Calculus 11 or in Foundations of Mathematics 11

This pathway is designed to provide students with the skills required for post-secondary studies in programs that do not require the study of theoretical calculus. Topics include Financial Mathematics, Logic, Permutations, Combinations and Binomial Theorem, Relations and Functions and a Research Project on a current event or area of interest involving mathematics.

CALCULUS 12

CODE: MCALC12----

Recommended: 73% in Pre-Calculus 11

Pre-Calculus 12 must also be taken concurrently at school with Calculus 12, unless it was previously completed. This calculus course is designed to provide interested students with a solid background in order to make the transition to university or college mathematics easier. Concepts in both differential and integral calculus are investigated. Also, many of the concepts studied in calculus reinforce concepts covered in Pre-Calculus 12 and, in that sense, may help the student be more successful in that course as well. This course is highly recommended to students entering commerce or science related studies in post-secondary institutions. There is no provincial exam requirement for this course. Depending on the ability level of the students who decide to take calculus, this course could be upgraded to an Advanced Placement Calculus or students could choose to write the University Challenge Exams offered by UBC, SFU, UVIC, and UNBC. Students who successfully complete the challenge exam are given credit for first year university calculus at any BC university and are awarded a special certificate.

ADVANCED PLACEMENT (AP) CALCULUS 12

CODE: ACAL-12----

Recommended: 90% in Pre-Calculus 12

This is a highly challenging mathematics course equivalent to a first semester calculus course at university. Students are required to be highly motivated and independent learners and must be willing to devote considerably more hours of study time than they normally would for a high school mathematics course. Topics include differential and integral calculus. Students write an AP Calculus exam in early May, and if they perform well, they are granted first semester credit for calculus at university.

MODERN LANGUAGES

A modern language at the grade 11 level is a requirement for immediate entrance to most of the universities of our province, not for admission to community colleges.

FRENCH 10

CODE: MFR--10----

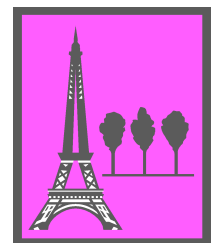
French 10 is an intermediate course which builds on the work done in French 8 and 9 and encourages students' active participation in increasing their functional level of French language. By the end of Grade 10, students should be able to use a range of useful vocabulary and expressions for a variety of spoken and written tasks such as communicating needs, desires, emotions or how to do something. Students should also be able to link statements in past, present and future tenses in both oral and written presentations.

FRENCH 11

CODE: MFR--11----

Recommended: 67% in French 10

French is a full year academic course designed to further develop the language skills introduced and practiced in grades 8 through 10. More advanced verb structures are introduced such as the "conditionnel", the "conditionnel passé", etc. Students begin to study literature, as it was composed for francophone audiences, as well as continuing to read both fictional and non-fictional articles and stories. By the end of French 11, students should be able to exchange opinions on topics of interest and describe or narrate with supporting detail.



FRENCH 12

CODE: MFR--12----

Recommended: 67% in French 11

French 12 is a continuation of French 11, but with greater emphasis on grammar, written and spoken accuracy. Students should be able to use more complex grammar when communicating and discussing literary pieces. Students will also study the works of francophone writers that reveal important aspects of the culture and identity of the French-speaking people around the world.

ADVANCED PLACEMENT (AP) FRENCH LANGUAGE AND CULTURE 12

CODE: AFRL-12----

Recommended: 86% in French 12

This is a highly challenging course equivalent to a first semester language course at university. Students are required to be highly motivated and independent learners and must be willing to devote more hours of independent study time to this course than they would for a high school language course. Students who enroll in AP French Language and Culture should already have a good command of French grammar/vocabulary and competence in listening, reading, speaking, writing.

SPANISH 10

CODE: MSP--10----

Spanish 10 will develop each student's proficiency in listening, speaking, reading and writing in Spanish. The language is presented within the context of the contemporary Spanish-speaking world and its culture. A willingness to converse in Spanish is essential. By the end of Spanish 10, students should be able to use appropriate Spanish expressions for a variety of spoken and written tasks (buying supplies, discussing weekend activities, shopping for clothes, discussing school life, etc).

SPANISH 11

CODE: MSP--11----

Recommended: 67% in Spanish 10

Spanish 11 extends the vocabulary and structures learned in Spanish 10. The majority of the activities in this course have a youth-related theme, for example, hobbies, careers and relationships. Emphasis is on high-frequency words and expressions of contemporary spoken Spanish and grammar to ensure that students become proficient in the language. Hispanic culture will be studied and discussed through this course.



SPANISH 12

CODE: MSP--12----

Recommended: 67% in Spanish 11

Spanish 12 continues to expand on linguistic skills. Personal communication will be an emphasis, as students will acquire a command of the key vocabulary and grammatical structures. Students will also develop an appreciation of the variety of cultures within the Spanish-speaking world. By the end of Spanish 12, students will be able to exchange ideas, express plans, give reasons and information, research, synthesize and present relevant information, etc.

PHYSICAL HEALTH EDUCATION

Physical Education is a required course in grades 8-10 and is a very important elective in grades 11 and 12 for developing our student's physical literacy and educating the whole person. The aim of physical education is to enable all students to enhance their quality of life through active living. Our physical education program provides opportunities for all students to be physically active regularly and to develop an appreciation for and enjoyment of movement in the following categories: Individual and Dual Activities, Games, Alternate Environment Activities, Rhythmic Movement –Dance and Gymnastics. Physical education is also an integral part of the total education process. Students who participate in regular physical education classes enjoy enhanced memory and learning, better concentration, and increased problem-solving abilities.

PHYSICAL AND HEALTH EDUCATION 10

CODE: MPHE-10----

This required course is a continuation of Physical Education 9 but with a focus on more advanced skills and strategies in specific sports and activities. Core activities may include: inventing games, football, tchouk ball, volleyball, basketball, floor hockey, racket sports, fitness testing, minor games, and softball. Introduction to swing and ballroom dancing is taught by a professional instructor. In addition students explore health related topics such as: healthy eating, substance use, nutrition, and personal healthy-living goals. Units are structured to help individuals improve and maintain their skills, knowledge, attitudes and confidence by maintaining a physically literate, active and healthy lifestyle both in and outside of school.

ACTIVE LIVING 11

CODE: MACLV11----

Active Living 11 exposes students to a broader range of sports and activities over the school year. Course emphasis is on the advancement of individual skills and knowledge of several sports/activities. There is a leadership component of the course that requires students to teach peers and self-evaluate in preparation for Active Living 12. Core activity units may include: Sport Ed. Model, tchouk ball, volleyball, basketball, racket sports, softball, weight training and fitness and fitness testing. Community recreation and first aid training prepare students for Active Living 12.

Prerequisite: Physical and Health Education 10, demonstration of a responsible/mature attitude and a satisfactory work habit in the previous year.

FITNESS AND CONDITIONING 11/12

CODE: MFTCD11----, MFTCD12----

This course is a multi-unit course, designed to improve the student's understanding of muscular anatomy, nutrition, scientific principles of weight training and conditioning, care and prevention of injuries, and fitness program design. The course is structured around the following course objectives: The student will: understand the science of weight training, state exercises that develop certain muscle groups, design and assess fitness programs, understand fitness and weight training safety, demonstrate proper technique in a variety of lifts, develop an understanding of lifetime fitness and nutrition, assess and prescribe care and rehabilitation of common sports injuries, be exposed to and participate in a variety of conditioning activities, and increase self-esteem, fitness level and athletic performances. Evaluation is based upon fitness assessment, knowledge (written assessments), Strength and Conditioning Journal, effort, peer cooperation, and class participation.

ACTIVE LIVING 12

CODE: MACLV12----

This course offers students the opportunity to further their expertise in activities offered in Active Living 11. Students are introduced to a Sport Education Model that increases student involvement and ownership over their learning. In Active Living 12 emphasis is placed on learning opportunities that revolve around teaching and lesson-planning instruction within sport contexts. Another focus of this course is planning a community recreation activity for the class to participate. Students are required to lead activities such as beach volleyball, golf, bowling, karate, skating, gymnastics, rock climbing and swimming. The course also includes a full day field trip where students will kayak and sail. **Service is a required component of this course.**

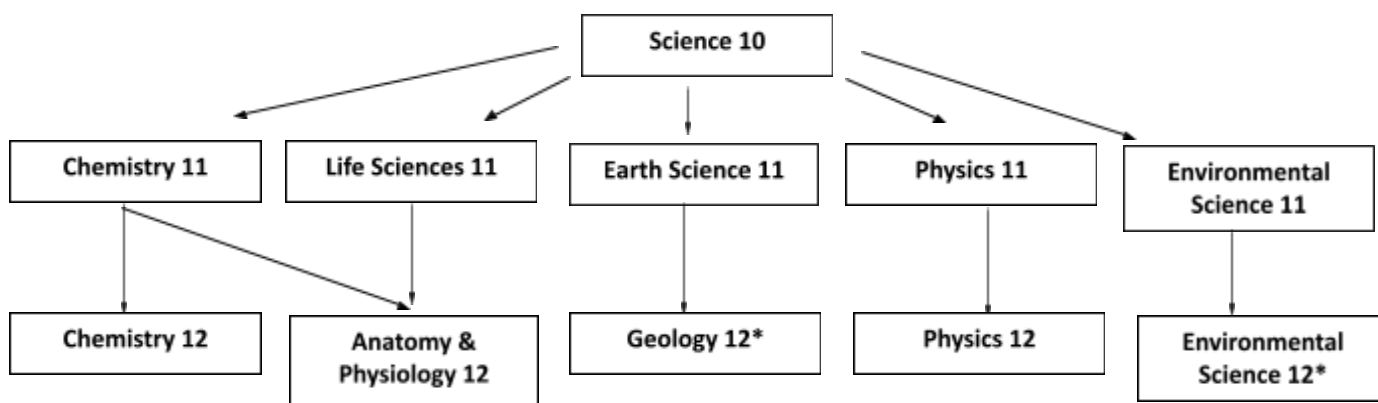
Recommended: Active Living 11.

SCIENCE

All students are required to take Science 10 and one grade 11 science course to meet the BC Ministry of Education's graduation requirements. The choice of which science to take is up to the student and parent(s), however it is recommended that the students look at their areas of strength when deciding which science(s) to study in grade 11. It is important to consider that although some science courses may appear "easier" than others, all sciences require critical thinking skills rather than simple memorization of facts. Students who have questions or concerns are encouraged to speak to the Science Department head or any of the senior science teachers. The following chart may be useful when trying to determine which science courses satisfy recommendation requirements.

Please note: Any student that registers for a science course but does not meet the recommended course mark may be asked to sign a course contract describing certain conditions that must be met before they will be allowed to take the course.

***Any Science 11 can be a pre-requisite to Geology 12 and/or Environmental Science 12**



SCIENCE 10

CODE: MSC--10----

This course is a survey of the 4 major sciences. The 4 big ideas in this course are: genes are the foundation for the diversity of living things (biology); chemical processes require energy changes as atoms are rearranged (chemistry); energy is conserved and its transformation can affect living things and the environment (physics); the formation of the universe can be explained by the big bang theory (earth & space science). We will address these big ideas through the lens of both core and curricular competencies, focusing on developing scientific skills such as inquiry and using the scientific method. Laboratory activities and field trips will be utilized to help students experience and understand course concepts.

LIFE SCIENCES 11

CODE: MLFSC11----

Recommended: Science 10: 73%

This course is a survey of 3 major topics of all living life currently on Earth. They are: All living things have common characteristics (cell theory and viruses); Living things evolve over time (evolution); and Organisms are grouped on the basis of identifiable similarities (taxonomy and biodiversity). We will address these big ideas through the lens of both core and curricular competencies, focusing on developing scientific skills such as inquiry and using the scientific method. Laboratory activities involving online, live and preserved specimens (live and virtual dissections optional), videos, unit projects, and Vancouver Aquarium/Stanley Park beach field trip will be utilized to help students experience & understand course concepts.



Anatomy & Physiology 12

CODE: MATPH12----

Recommended: Life Sciences 11 or Chemistry 11: 73%

This course focuses on how the human body maintains homeostasis. Students are encouraged to understand and critically think about concepts. The following topics are covered in Biology 12: cell biology (biological molecules, cell structures, DNA replication, protein synthesis, transport across cell membrane and enzymes) and human body systems (nervous, digestive/urinary, circulatory/respiratory and reproductive systems). Modelling activities and labs that utilize the Scientific Method will be used to help students experience course concepts in a hands-on way.



CHEMISTRY 11

CODE: MCH—11----

Recommended: Foundations of Math 10 and Pre-Calculus 10: 73% & Science 10: 73%

This course is designed to deepen students' understanding of the chemistry concepts that students learned about in Science 10. A good portion of this course focuses around a sound understanding of elements and compounds is required. Labs will require the skill of precision to obtain valid and meaningful results. Topics covered include: skills and processes of chemistry, the nature of matter, mole concept, chemical reactions, atomic theory, solution chemistry, and organic chemistry.



CHEMISTRY 12

CODE: MCH—12----

Recommended: Chemistry 11 and Foundations of Math 11 or Pre-Calculus 11: 73%

This course builds on the concepts that students learned in previous courses, as well as introducing them to new concepts that will help them at the college or university level. Labs will require students to be prepared well in advance. Topics to be investigated include: reaction kinetics, equilibrium, solubility, acids and bases, and reduction/oxidation.

PHYSICS 11

CODE: MPH—11----

Recommended: Science 10 and Foundation of Math and Pre-Calculus 10: 73% and taking Pre-Calculus 11 concurrently

This is an introductory course where physics theory is applied to students' everyday lives, allowing them to see life from a different perspective. For example, what makes head-on car collisions so deadly? How does our brain interpret all the different sounds that we hear during the day? Where does the electricity we use every day come from? What is nuclear power and why are its capabilities so threatening?

This course requires the use of many mathematical concepts and strong math skills are necessary.

This course is a prerequisite for application to many university science faculties.

PHYSICS 12

CODE: MPH—12----

Recommended: Physics 11 and Pre-Calculus 11: 73% and taking Pre-Calculus 12 or Calculus 12 or AP Calculus 12 concurrently

This course is designed to help students develop analytical and problem solving skills as well as to understand the principles of physics and apply these principles to practical situations. The following concepts are covered in Physics 12: classical mechanics (vectors, kinematics, equilibrium, dynamics, momentum, work, energy, and power, circular motion, gravitation) and electromagnetism (electrostatics, electric circuits and electromagnetism)

ENVIRONMENTAL SCIENCE 11

CODE: MEVSC-11----

This course is designed to help students develop an awareness of the natural world and the relationship it has with living things. This is discovered through 4 major learning topics: Complex roles and relationships contribute to diversity of ecosystems, Changing ecosystems are maintained by natural processes, Human practices affect the sustainability of ecosystems, and Humans can play a role in stewardship and restoration of ecosystems. The majority of learning will take place through hands on activities, personal/group based inquiry projects, and experiential out of school trips. Local aspects of BC and Canadian ecosystems will be explored, from environmental consulting firms and government policies, to volunteer initiatives.

ENVIRONMENTAL SCIENCE 12

CODE: MEVSC-12----

This course is designed to help students develop a greater awareness of the natural world and the relationship it has with living things. This is discovered through 4 major learning topics: Human actions affect the quality of water and its ability to sustain life, Human activities cause changes in the global climate system, Sustainable land use is essential to meet the needs of a growing population, and Living sustainably supports the well-being of self, community, and Earth. The majority of learning will take place through hands on activities, personal/group based inquiry projects, and experiential out of school trips. Local aspects of BC and Canadian ecosystems will be explored, from environmental consulting firms and government policies, to volunteer initiatives.

EARTH SCIENCE 11

CODE: MESC-11----

This is a practical course that introduces students to the diverse aspects of the world in which they live. This is especially relevant as British Columbia's geology is hard to ignore, from the snowy peaks of the Cascade Mountains to the glacial till on which our school is built on. In this course, students will learn how the Rocky Mountains formed, what pieces of ancient islands make up B.C., and why geologists are predicting a huge earthquake in the near future.

GEOLOGY 12

CODE: MGEOL12----

Recommended: 67% in one of the following courses: Earth Science 11, Life Sciences 11, Chemistry 11 or Physics 11

This is a hands-on, challenging course that takes students on a journey through time, and explains our current understanding of how the earth developed. This is especially relevant as British Columbia's diverse geological features provide a backdrop for study; from the ancient fossil beds of the Burgess Shale in the Rocky Mountains to the volcanoes and subduction zone in the West. Major topics include our solar system, minerals, rocks, plate tectonics, volcanoes, earthquakes, weathering, water, and time. If possible, at least one full day field trip will be undertaken.

SOCIAL STUDIES



SOCIAL STUDIES 10

CODE: MSS--10----

Students gain a better understanding of contemporary Canada through an historical study of government, politics, and Canadian society in the 20th century. Canada's role as a middle power and our relations with the United States and the rest of the world are major themes as are Canada's involvement in World Wars I and II. Post-1945 studies the transition to a global perspective, investigating such major concerns as population growth, the distribution of resources, and the impacts of industrialization and technology in the 21st century. Social Studies 10 provides the skills and knowledge necessary for students to become responsible citizens and is a foundation course for further studies in the humanities and social sciences.

EXPLORATIONS IN SOCIAL STUDIES 11

CODE: MEPSS11----

In this course, students will focus on the curricular foundations of social studies learned in previous years to explore a variety of important themes and big ideas in the development of cultures, societies, law, political systems, economic systems and geography. Students will be able to choose their course from the following 3 options. Each option includes an exploration into at least 3 Grade 12 Humanities courses or strands that may be offered in grade 12. Strand is To learn more, check out: [https://curriculum.gov.bc.ca/sites/curriculum.gov.bc.ca/files/pdf/10-12/...\(link_is_external\)](https://curriculum.gov.bc.ca/sites/curriculum.gov.bc.ca/files/pdf/10-12/...(link_is_external)) However, the final number of strands offered will depend on enrollment.

Strands include:

Strand A (Political Studies, Social Justice, Law Studies and in conjunction with Spoken Language 11)

Students will examine different essential questions and topics that arise often in our society today, be able to explore them and then use the Speech arts as a venue for presentation whether it is in class or in a competitive environment. Since this is a companion course to Spoken Language 11, certain units covered will directly link to the Speech arts such as debate, Model United Nations, and public speaking. As such, students will learn about Parliamentary debate, and the role and function of the United Nations. Topics will be taken from the following social sciences: Law Studies 12, Human Geography 12, Political Studies 12 and Social Justice 12 and often will be student directed based on their interests. Students interested in a degree in Political Science or International Relations should take this course.

Strand B (Economics, Asian Studies, and 20th Century World History)

In this exploration option students will examine how the rapid industrialization, urbanization, and economic growth of Asia in the late 20th century has had profound effects on social, political, and economic decision making and movements. This will be accomplished through studies in Economics, Asian Studies, and 20th Century World History.

Strand C (Comparative Cultures, Comparative Religions, 20th Century World History, and Philosophy)

This exploration will focus on examining how different cultures have presented and transmitted their culture, values and mindsets through the stories they have crafted. It will also give focus to how technology has influenced the ways in which we transmit our stories, as well as how our stories have perhaps affected the technology we have developed. This will be accomplished through focusing on Comparative Cultures, Comparative Religions, 20th Century World History, and Philosophy.

HUMAN GEOGRAPHY 12

CODE: MHGEO12----

Human Geography 12 is an integrating subject that helps to bridge the gap between the sciences and the humanities. The study of Human Geography enables students to attain opportunities to analyze the critical interplay of culture, economics, politics, and social considerations when examining the relationship between people and the environment. Students develop an understanding of how local, regional and global environments, economies, and population affect them at a personal level. As society places more and more demand on the resources of the earth, there is a need for a society that is geographically literate and able to make informed decisions about the sustainability of the earth's resources.

PHYSICAL GEOGRAPHY 12

CODE: MPGO12----

Physical Geography 12 is an integrating subject that helps to bridge the gap between the sciences and the humanities. Physical geography is about connecting people back to the Earth and creating an understanding that we are guests on a planet that is full of power and wonder. The course challenges students to examine the natural processes that have been shaping the earth for over 4 billion years and then explain how these processes affect us and how we affect them. Students will be challenged to identify the impacts of our interactions with climate. Aspects of physical geography studied include such topics as: plate tectonics (earthquakes), volcanism (volcanoes), geology, climatology, meteorology (weather), glaciations (glaciers) and hydrology. Explorations and investigations of these topics lead to an understanding of resources and resource management and man's interaction with an ever changing environment. As society places more and more demand on the resources of the earth, there is a need for a society that is geographically literate and able to make informed decisions about the sustainability of the earth's resources. *This course cannot be used as a science 11 requirement.*

LAW STUDIES 12

CODE: MLST-12----

This course will introduce students to the complex field of law. It is designed to give students an understanding of our legal system and how the student may interact with this system. The main areas of study are development of our legal system, civil rights, criminal and civil law, tort law, contract law, marriage and family law. Students should be prepared to participate in group and class discussions.



20TH CENTURY WORLD HISTORY 12

CODE: MWH--12----

This course is an intensive study of issues and events that have shaped the twentieth century. It investigates such dynamic forces as imperialism, nationalism, militarism, capitalism, and communism, World War I and II, the Depression, the Cold War, the Middle East, the fall of the Iron Curtain and the Underdeveloped and Developing World. Current issues and events will be considered in light of these forces and developments. The students considering this course should be prepared to do extensive outside reading, writing, and to participate in seminars and discussions. Many visual aids are used to supplement core material.

COMPARATIVE CULTURES 12

CODE: MCMCL12----

This course is a study of the inter-relationships among art, culture and civilization. It provides students with a range of experiences and skills to facilitate their understanding of and sensitivity to a variety of cultures. It fosters students' awareness of various civilizations throughout the world and their contributions to the sum of human experience. Areas of study include: the origins of civilization, myths and early religions, monuments of civilization, fashion and culture and various sub topics.

SOCIAL JUSTICE 12

CODE: MSJ--12----

The aim of Social Justice 12 is to explore different social justice issues in light of Catholic Social Teachings. Social Justice 12 promotes the pursuit of social justice as an important responsibility for all, and encourages students to develop the commitment and ability to work toward a more just society as an extension of their faith. The course includes an emphasis on action, providing opportunities for students to examine models of social change and implement strategies to address social injustice. A successful Social Justice 12 course will provide opportunities for students to examine their own beliefs and values, as well as the origins of those beliefs. In addition, it will allow them to support or challenge their beliefs and values through reflection, discussion, and critical analysis. This course builds on students' innate sense of justice, motivating them to think and act ethically, and empowering them to realize their capacity to effect positive change in the world.

TECHNOLOGY EDUCATION

COMPUTER SCIENCE 11

CODE: MMACS11----

Recommended: 73% in Foundations of Math and Pre-Calculus 10

Computer studies is relevant for all students because it incorporates a broad range of transferable problem-solving skills and techniques, including logical thinking, creative design, synthesis, and evaluation. It also teaches generically useful skills in such areas as communication, time management, organization, and teamwork. The goals of the course will be to introduce students to a variety of computer studies concepts; develop the skills including critical thinking, knowledge of strategies required to do research, conduct inquiries, communicate findings, accurately, ethically, and effectively; perform a variety of learning tasks and relate them to technology at the local, national and global levels, and develop lifelong learning habits that will help them adapt to technological advances in the workplace. Students will engage in student-led projects to demonstrate their problem solving, critical thinking using a variety of programming languages. Open educational resources will be used to support the learning.



ADVANCED PLACEMENT (AP) COMPUTER SCIENCE A

CODE: ACSC-2A----

Computer Science 'A' is an Advanced Placement course designed to give students foundational computing skills using Java. This course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course offers both object-oriented and imperative problem solving and design. Students who successfully complete the AP exam may receive university credits. This is a very demanding course, and while there are no prerequisites, interested students should either have completed Computer Science 11, or have a strong interest in this area and an "A" in Pre-Calc 11.

