

Centennial Course Planner



2026-2027 SCHOOL YEAR

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Start-Up

The Course Planner book is designed for new and returning students to Centennial. If you are currently a Grade 8 student, you don't need the printed version of this book. A much shorter handout has all the information you will need, and if you want to do advance planning for your future years, you can always consult the online PDF version on the [Centennial Course Planning website](#).

Supports for Students

ACADEMIC ASSISTANCE

Students may need additional assistance at different times during the school year to meet the learning outcomes of the courses they are taking. Students requiring support should begin by meeting with their teacher during class time, or at a time agreed upon by the teacher. If a student is not meeting the outcomes of the course with this level of support, **students are encouraged to attend Flex and Cent Time**. If additional support is still required, external tutoring or extra resource time may be required.

Some students may be offered the assistance of Peer Tutors, who are strong students able to assist other students with organization and understanding of assignments. Peer Tutors will not do the work for the students who are struggling but will help them successfully complete their own work. Some students may be assigned to the LEC for additional support with a learning support teacher.

LIBRARY

Instruction is provided to all students on a class or an individual basis. Please come in and ask a librarian for an orientation. The student GO-CARD serves as ID and a library card.

As well as the continually updated and vast collection of fiction and non-fiction titles, the library also offers:

- The "Maker's Space" is a place for classes or individual students to focus on hands-on learning.
- Laptops that can be signed out by individual students.
- Special collections including reference, ELL, young adult fiction and current magazine titles
- Online resource access 24 hours through the school's website: www.sd43.bc.ca/secondary/centennial

Individualized Learning Assistance

LEARNING CENTRE (LEC)

LEC is a scheduled block on a student's timetable. A student can receive 4 credits toward graduation for taking a LEC class (this can be claimed once during grade 9-12). In this block, students receive extra support with their academic classes, as well as a calm and safe place to learn. Students requiring extra time or a separate setting on exams and quizzes can write their assessments in the LEC. Executive functioning skills, such as time management and organization, are also taught. Students are assigned an LEC teacher who acts as their case manager. This case manager will also be involved in writing an Individual Education Plan (IEP) for those students who have an identified Ministry Designated Learning Disability. The LEC teacher acts as a strong advocate for the students that they work with. LEC teachers work in liaison with a student's subject teachers to make sure that they have every opportunity to be successful.

STUDENT SERVICES: STUDENT WITH DIVERSE NEEDS

The Learning Services Teachers encourage and support academic, social, and physical independence for students with diverse needs. Instruction is based on Individual Education Plans (IEP's), which focus on each student's unique strengths and needs. Students work in the Diverse Needs classroom and are integrated classes with support from Education Assistants, Peer Tutors, and Learning Services teachers. Work experience and some community training are also a part of the Skill Development Program.

Youth Worker

Our Youth Worker is located on Level 1, near the music rooms. The youth worker's role includes providing support to students who need to talk about emerging issues, along with many other roles. If parents wish to contact the Youth Worker, please do so by telephone or email.

Indigenous Youth Worker

Our Indigenous Youth Worker is located in B pod on level 1. The Indigenous Youth Worker's role is to participate within a collaborative, strength-based model that assists and supports Indigenous children, youth and their families within this school community. The ultimate objective, as outlined by the Indigenous Education Department, is to provide enhanced services that help all Indigenous students stay in school and experience success with their education from kindergarten to grade 12. This requires a collaborative approach with shared responsibilities: working together with teachers, counsellors, administrators and outside professionals to build positive relationships; provide social and emotional support; and develop social skills that foster an increased sense of belonging for all Indigenous learners within the Coquitlam School District.

Career Resource Centre

The Career Resource Centre, located in the Counselling Centre, is our library of post-secondary educational information. We have current calendars for all B.C. post-secondary institutions and for most colleges and universities in the rest of Canada and the western U.S.

All students are encouraged to visit the Career Resource Centre (E200) and check the website regularly.
<https://www.sd43.bc.ca/school/centennial/ProgramsServices/CareerCentre/Pages/default.aspx>

The Career Resource Centre maintains a "Job Board" of available part-time employment and volunteer opportunities. Potential employers interested in hiring students should contact the Post-Secondary and Career Advisor in the Counselling Department by calling 604-936-7205 ext. 5300 or emailing Denise Healey Wright at dhealeywright@sd43.bc.ca.

- Current post-secondary calendars
- Information about trades, technologies and apprenticeships
- Education Planner BC - online application service to most Post-Secondary Institutions in B.C.
- Employment and Volunteering
- Scholarship, Bursary and Award Opportunities
- Support with essay writing, resume writing and cover letters
- My Blueprint - Computer based career exploration
- Info sessions, engagement opportunities and career exploration events

Post-Secondary Preparation

SCHOLARSHIPS & FINANCIAL AID

Information on scholarships, awards, and bursaries is available to all students through the Counselling Department and on the Centennial Career Resource webpage. Scholarship and Financial Aid Information sessions will be held in October and in the Spring. Students should check the daily bulletin and website for the dates of these scholarship and financial aid sessions.

POST-SECONDARY INFORMATION

The Counselling Department sponsors a Post-Secondary Day in the fall. On this day, representatives from BC post-secondary institutes will be at Centennial School to provide information to grade 11 and 12 students and their parents. Representatives from Eastern Universities also make visits to Centennial throughout the month of November.

Info Sessions from many colleges and universities in October occur throughout the year. Students should check the daily bulletin and website for dates and locations of these post-secondary sessions.

Students are responsible for determining the exact entrance requirements of the institution and program they wish to attend. High school graduation from Centennial Secondary does not automatically guarantee entrance to a post-secondary institution. Because these requirements change frequently, online calendars and institution websites are the most up to date references available. Counsellors and the Post-Secondary and Career Advisor also have information and resources available, as do advisors in the institution(s) to which you are applying.

OPTIONS:

In British Columbia, students graduating from high school have a wide range of choices for post-secondary training. These include:

- Technology and Trade Schools and Apprenticeship programs.
- Community Colleges
- Universities
- Specialized Universities/Institutes (e.g.: Emily Carr University and the Justice Institute of BC)
- Private Institutions

COLLEGES

Colleges offer **certificate programs** (1 year) and **diploma programs** (2 years). Some programs are not transferable to a university but do often provide students with excellent job market skills. Some colleges have a few specialized **degree programs**. Most also offer **university transfer programs**.

Students pursuing a university degree may choose to enter university directly or they may take their first and/or second year of a university program at a college. If they obtain the required GPA and complete the appropriate, transferable courses, they may then transfer to second or third year university. There are both advantages and disadvantages to completing the first year or two at a local college.

Trades, technology, and vocational training in our area are concentrated at the British Columbia Institute of Technology (BCIT) and at Vancouver Community College (VCC). BCIT is now also degree-granting in several programs.

Douglas College is the closest regional college. General admission to Douglas College requires high school graduation only, although some programs at Douglas do have specific course prerequisites or specify course and grade recommendations for priority registration or have limited, competitive entry. Some programs fill before the application deadlines, so apply early when possible. In the BC transfer system, students may transfer a maximum of 60 *University transferable* credits from college. Visit the BC Transfer website <https://www.bctransferguide.ca/>.

UNIVERSITIES

There are six research universities in BC:

Simon Fraser University - Burnaby, Surrey, and Downtown campuses

University of British Columbia (UBC) - *Vancouver & Okanagan campuses*

University of Victoria

University of Northern B.C.

Thompson Rivers University

Royal Roads University

Some universities offer a combination of career, trades, and technology programs as well as degree programs. These include:

Capilano University

Kwantlen Polytechnic University

University of the Fraser Valley

Vancouver Island University

Emily Carr University of Art & Design (ECUAD) specializes in undergraduate education in Art, Design, and Media.

UNIVERSITIES & COLLEGES IN OTHER PROVINCES & THE UNITED STATES

Students should consult specific post-secondary websites for admission details. Ontario University Application Centre (<https://www.ouac.on.ca/>) is the starting point for all Ontario applications. In Alberta, students apply through the apply Alberta website <https://applyalberta.ca/>. Students interested in attending college or university in the USA may need to write the Scholastic Aptitude Test (SAT I) and may also need the subject-based (SAT II) test.

Normally, students planning to write the SAT tests also register to write the practice SAT (PSAT) in grade 11. Information for writing this exam can be obtained through your counsellor. Online registration is the simplest and quickest way to register for the SAT. Go to <http://sat.collegeboard.org/home>.

Country Code: 651

High school code: 821065.

English Language Learner STUDENTS

Many institutions require ELL students to take a TOEFL/IELTS or other such proficiency test prior to admission. Some institutions might alternatively require a minimum number of years of education in Canada. Check the 'English Language Requirements' for each institution.

PERSONAL PROFILES AND EXTRA-CURRICULAR DEVELOPMENT

Some programs (such as Business), some universities (such as UBC), and most scholarships require a personal profile or essay. Writing these requires time, contemplation, and editing. Start composing them early, save working drafts, and return to improve them several times before submission.

Increasingly, schools and employers are taking a more holistic approach than grades to assess a student's readiness for a successful transition to Post-Secondary. Extra-Curricular activities, School Clubs and Community Service all exemplify how well-rounded a student you are. Be prepared to show the depth and breadth of your experiences and contributions as you start your post-secondary planning.

HOW TO SELECT A POST-SECONDARY INSTITUTION

Many sources exist to help you choose your next steps beyond Centennial. Consult with your counsellor, visit websites, refer to the viewbooks in the Career Resource Centre and talk to the Post-Secondary and Career Advisor. Come to information sessions at Centennial and other high schools, attend information and 'tryout' days offered by local institutions.

MyBlueprint.ca is an excellent research tool for career and post-secondary planning. Create your account <https://app.myblueprint.ca/?sdid=sd43> using your school email address. Education Planner BC is an excellent resource for BC schools – it is also the application system for BC students. Visit the website <https://www.educationplannerbc.ca/>. Post-Secondary BC is another great resource for students and parents – Visit the website <https://www.postsecondarybc.ca/>.

CO-OPERATIVE EDUCATION

Co-op programs allow students to alternate study semesters with semesters spent working in their field of concentration. Participating in a co-op program provides a combination of academic preparation along with paid work experience in a business, industry, or branch of government. Co-op degree holders have a higher success rate of finding employment upon graduation, and it helps pay for their studies. For detailed information, contact the co-op coordinator at the institution of your choice during your first year of university or college. Checking to see if your program of choice offers a co-op option may also be part of your selection criteria as you decide where to apply to study.

INTERNATIONAL EXCHANGES

Most universities offer international educational exchange programs and/or international field studies. In many cases, you pay local tuition fees while attending a school in another country. Contact the exchange office at the university or college of your choice.

HOW DO I APPLY?

Most institutions require that you apply online.

Applications for Post-Secondary institutions may begin as early as October or November of the year prior to your entry into a post-secondary institution. Check application deadlines carefully, as all schools are different. Appropriate application fees must accompany all applications. Students must create a BCEID# and visit the Student Transcript Service (STS) website in order to give the Ministry permission to release grades to the post-secondary schools. It is prudent to do this in late fall. Some institutions may request a student to self-report grades or may request an official paper transcript in addition to STS. See your counsellor if you have concerns.

Course Request Timeline

Current Grade 8's

This **Student Guide** probably seems long and complicated, but our job is to make choosing your Grade 9 program smooth and easy. We will be providing a paper copy of a much smaller Grade 9 Course Booklet for you to pick your courses. But you can use this book to explore the wide range of courses available at Centennial!

A printout of your chosen courses will be handed to you in June, and/or emailed to your home email address over the summer. In August, parents and students will then gain access to the myEdBC portal and also be able to access schedules.

Current Centennial Students

Course request forms will come out in late January/early February, and you have until the deadlines to hand them in. Students will make their Course Requests on the myEdBC Student Portal **PRIOR** to making their individual appointments with their counsellors to review their choices. That takes place in February and March.

Once course requests are in, we will adjust our course offerings by increasing or decreasing the number of sections of each class. Occasionally, your choice is not available, and we select from your list of alternates.

In June, you will be informed which courses you have on your timetable for each semester of the next grade. If you see problems with your timetable, you will have a chance to request a course change, but only during the very limited course change window.

Course Change Reasons

Students currently in Grade 9, 10, or 11... entering Grades 10, 11, or 12.... can change courses only if there is a compelling issue from the following list:

- Needed for a post-secondary program (please bring a printout from that program's site)
- Sudden change in plans for summer school or summer online learning.

Course Selection Process

Instructions for Course Selection

1. Obtain the **COURSE REQUEST WORKSHEET** corresponding to your grade level. With it, you can start to create your list of requested courses.
2. Look at your **RESULTS** from the current year. How did you do? You will need to consider those results as you choose new courses.
3. Think carefully about what your interests are. We offer many types of courses that you can choose for your **ELECTIVES**.
4. **SUPPORTS:** Know that there are many people to help you with the process of requesting courses: your parents/guardians, teachers, counsellors, administrators, and even your fellow students.
5. Begin by reading through the sections on how to choose **ENGLISH, MATH**, and other courses.
6. You will now make your **Course Request Selections online through the myEdBC Student Portal**. Instructions are on the school website and will be **emailed to all students once Course Selection starts**.
7. Email your completed Course Selection Form to your Counsellor. If you have questions or need additional information, you can schedule an appointment with your Counsellor.
8. If you find that a program of interest or elective choice has changed before JUNE, please email your Counsellor and they will do their best to make changes to your September Schedule.
9. Changes to schedules in September will only be considered if there is an error in course level, etc. or if this is an academic course that is needed for graduation.

How to choose

When choosing courses for **Grade 9**, there is a combination of 5 required courses and 3 electives. All of these courses are prerequisites for more advanced courses in the same subject areas in the later grades. We also have introductory courses in various electives at the Grades 10 and 11 levels.

In **Grade 10, 11 and 12**, students select courses needed for graduation and post-secondary plans. From these requests, the school develops a master timetable and assigns students to their classes. We make every attempt to keep classes at a reasonable size and balanced throughout the school day.

Priorities

1. Courses required to graduate
2. Prerequisites for post-secondary institutions that the student is applying to
3. Student preference of subject area



Course Request Forms

Students are given a working document to fill out as their way of indicating which courses they would like to take in the following year. The forms are delivered to middle schools and will be available online for Grade 8s to use, and are handed out at school for our current students.

Students in Grade 9-11 will meet with a counsellor to finalize their selections and discuss any complexities. You will be picking required courses, electives, and alternates (alternate electives).

myEdBC Portal- Course Request Entry

All course selections will occur online via the MyEdBC portal.

Some Advice

Math Class: Refer to our Math Pathways page to make good decisions about which math class to take. Make informed choices that align with your graduation plan. If math is a challenging subject, there may be options to ease some of that stress by selecting a less-intense pathway to graduation. Your current Math teacher and counsellor can offer excellent advice on which pathway you may be most successful in.

Alternatives: Make sure that you choose alternatives that you are genuinely interested in taking, as you may not have the opportunity to change these courses!

Online Courses: Online courses do not qualify as replacements for the 8 courses students take in our building. Students are welcome to take online courses, but we do not provide direct supervision for their assignments, work time, or test-taking.

Number of Courses Needed (& Exceptions)

*Please note that Honour Roll/Excellence in Education calculations differ from minimum course requirements. These requirements follow this section.

MINIMUM NUMBER OF CLASSES – GRADE 9-10

Grade 9s and 10s take a minimum of 8 or 9 courses.

*Grade 9s take Digital Literacy 10 as a 9th course as it is embedded in their core courses.

The following are all considered extra courses over the minimum

Band, Jazz Band, Choir, all Leadership courses, and all Sport-Specific Fitness Courses.

Course	Does it count towards your minimum?
Leadership 10/11	No
Multi-Cultural Leadership 10/11	No
Athletic Leadership 11/12	No
Musical Theatre/Production 11	Yes
Musical Theatre: Pit Band 11/12	No
Band or Choir 9/10	No
Sport-Specific Fitness 11/12	No

MINIMUM NUMBER OF CLASSES – GRADE 11-12

Students will take a minimum of 8 classes during the year. Grade 12s minimally take 7 courses plus Career Life Connections 12 – (off timetable). Grade 12s may select another course if they choose.

The following courses do not count towards your 'minimum' number of courses.

Course	Does it count towards your minimum?
Leadership 10/11/12	No
Multi-Cultural Leadership 10/11/12	No
Athletic Leadership 11/12	No
Musical Theatre/Production	Yes
Musical Theatre: Pit Band	Yes
Band or Choir 11/12	Yes
Sport-Specific Fitness 11/12	Yes

HIGH-PERFORMANCE ATHLETES

To train, these students may require a reduced schedule. Centennial requires these students to be registered in a minimum of 2 courses in each semester.

Add/Drop or Change Dates for Courses

Students are given limited opportunities to add/drop or change courses in their schedule.

1. A required course is missing from their schedule
2. A required course for a post-secondary program is required
3. Incomplete schedule
4. A course that was not selected

*Other requests may be considered if they can be accommodated.

Add/Drop or Change Deadlines

June: Student courses are published for the following year in June- Students can request a course change the week after it is published

September: 2nd week of school startup for change requests.

October: Prior to the Fall informal report to drop courses but still meet the minimum course load.

December: Prior to Winter Break for change requests for semester 2.

February: 2nd week of semester 2 for change requests for Grade 12s only for post-secondary requirements.

February: Prior to the Spring informal report to drop courses but still meet the minimum course load.

Exception: Cross-Enrolled Students

Students who are enrolled full-time at another SD43 school can apply to come to Centennial for 1 or more blocks in one of our specialty programs, such as Train in Trades.

Repeating Courses

Once a student receives credit for a course, they can not retake the course. Many students look to “upgrade” their marks (typically for post-secondary requirements), but we can not facilitate these types of requests.

There are many options available for students to redo courses. Please see your counsellor.

Note: The highest mark achieved when redoing a course appears on Students' Transcripts.

Awards

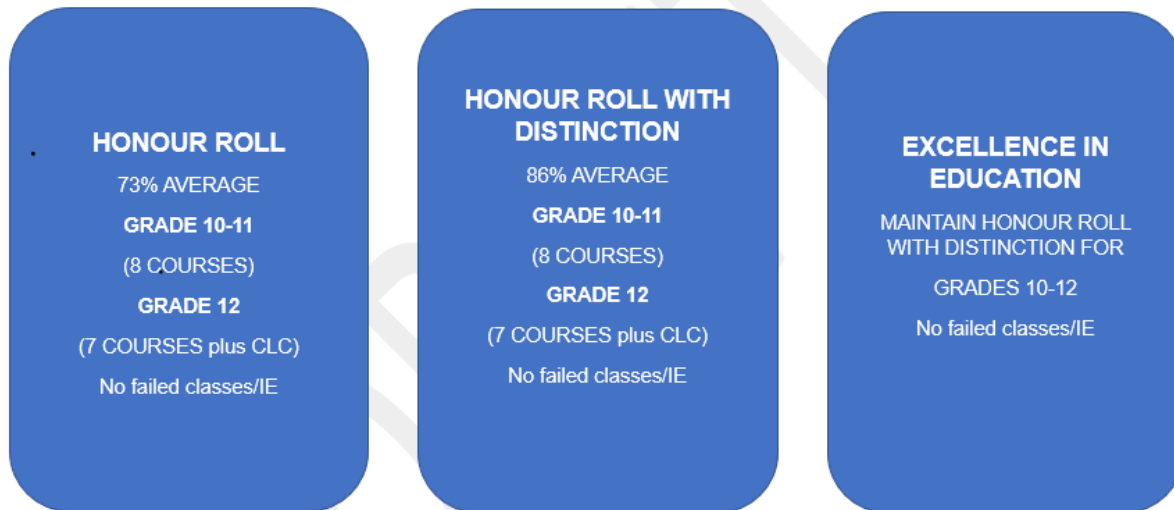
Students who are not enrolled full-time as described above are ineligible for school awards.

Honour Roll/Excellence in Education (Revised 2024-25- remains the same for 2026-27)



CENTENNIAL SECONDARY 2025-2026

HONOUR ROLL – HONOURS WITH DISTINCTION – EXCELLENCE IN EDUCATION CRITERIA



Considerations:

- Coquitlam Open Learning (COL) and Provincial Online Learning Schools (POLS) courses can be considered in GPA calculation for Honour Roll, Honours with Distinction and Excellence in Education. Limited to one overall per year. Other online programs **will not** be considered. Online classes are in addition to the in-school course count.
- All courses taken at Centennial count towards Honour Roll, Honours with Distinction and Excellence in Education.
- Course drops must be approved by counsellors and administration through the designated process.
- If students are taking SFU concurrent classes they will be considered for HR, HWD and EE
- Students participating in high level sports will still be considered for HR, HWD and EE should they meet the criteria and can prove enrolment in additional classes to meet the criteria. External credits (ex. Athlete 10,11 12) can be considered to meet the criteria.

Graduation Requirements

GRADE 9 COURSE REQUIREMENTS

Students in grade 9 will complete at least eight (8) courses. Courses will include:

- English or ELL (English-Language-Learner)
- Social Studies or ELL
- Math or Numeracy
- Science
- Physical Health Education
- Elective Choices: 3 choices

GRADE 10-11-12 COURSE REQUIREMENTS

Grad requirements are clearly defined on the Ministry of Education website:

<http://www2.gov.bc.ca/gov/content/education-training/k-12/support/graduation>

The B.C. Certificate of Graduation or "Dogwood Diploma" is awarded to students who successfully complete the provincial graduation requirements. Students graduating in the B.C. Graduation Program require at least 80 credits total.

Of these 80 credits:

- At least 16 Credits must be at the Grade 12 level, including English Studies 12
- At least 28 credits must be elective course credits
- 52 credits are required from the following:
 - Two Career Education Courses—Career Life Education 10 and Career Life Connections (8 credits total)
 - Physical and Health Education 10 (4 credits)
 - Science 10 (4 credits), and a Science 11 or 12 (4 credits)
 - Social Studies 10 (4 credits), and a Social Studies 11 or 12 (4 credits)
 - a Math 10 (4 credits), and a Math 11 or 12 (4 credits)
 - an English Language Arts 10, 11 and 12 (12 credits total)
 - an Arts Education 10, 11, or 12 and/or an Applied Design, Skills, and Technologies 10, 11, or 12 (4 credits total)

In addition, students in the B.C. Graduation Program must also complete three graduation assessments aligned with the redesigned curriculum.

- Graduation Numeracy Assessment
 - The Graduation Numeracy Assessment
 - Grade 10s must complete the Numeracy Assessment (January or June)
- Graduation Literacy Assessment
 - Grade 10s must complete the Literacy Assessment (January or June)
 - Grade 12s must complete the Graduation Literacy Assessment (January or June)

Advanced Placement (AP)

In Grade 11 or 12, you can take AP courses. We offer a number of these courses, as authorized by the College Board in the U.S. You can choose to take those courses if you meet the prerequisites, but some students apply to do accelerated math and sciences in Grade 9 to prepare for the AP courses in Grades 11 and 12.

GRADE 9 ACCELERATION (IN SCIENCE AND MATH)

Science 9 Accelerated: This program allows academically strong Grade 9 students to accelerate, thereby providing some additional preparation time for the Advanced Placement Science courses in grades 11 and 12. Grade 9 students in this program work with a science teacher on Science 9 in semester one and Science 10 Accelerated in semester two. In Grade 10, students will take one or more Grade 11 level science courses, followed by Grade 12 level courses in Grade 11. In their Grade 12 year, students are eligible to choose from a variety of AP Seminar science courses (see AP courses below). Please complete the application found in the QR code below.

MATH 10 Honours: This program allows mathematically strong Grade 9 students to participate in an accelerated program of study in mathematics. Qualifying applicants will be enrolled in Math 10 Foundations & Pre-Calculus (Honours) upon the successful completion of the application form. These students will then be eligible to complete:

- Math 11 (Pre-Calculus OR Foundations) in grade 10
- Math 12 (Pre-Calculus OR Foundations) in grade 11
- Calculus 12 in semester one of grade 12, and the opportunity to write the Calculus AP exam in May/June **OR** enroll in selected concurrent studies math courses through SFU or Douglas College during semester two. Please review the course descriptions for more information.

ADVANCE PLACEMENT COURSES: GRADE 11 OR 12

In Grade 12, students may be eligible to take courses such as AP Biology 12, AP Chemistry 12, AP Physics 1, AP Physics 2, AP Calculus 12 and AP Psychology 12. AP courses can be used as part of the admission requirements to many post-secondary institutions – please check post-secondary calendars and websites for information and limitations. Successful completion of AP courses can lead to advanced credit or standing in first year university courses at selected post-secondary institutions. Students may also choose to participate in guided independent study to prepare for AP exams in their chosen subjects. Registration, information, and preview exam packages are available from the AP coordinator. To earn AP credit, students must take the associated AP exam in May.

Leadership Classes

Leadership 9/10/11/12 is a linear course for students who are interested in making a difference in their school and community. It is considered a 9th class in addition to your 8 main courses and runs off-timetable (Usually once or twice a week in the mornings or occasionally during Flex/Cent Time). Students interested in making a difference in Centennial's Culture or providing Civil Service (volunteering), or Creating Connections with the Community should consider joining. Students who are interested in taking part in leadership need to be in good academic standing, be highly motivated to make a difference in their school and/or community and be able/willing to volunteer their time to school and community events/activities.

Peer Tutoring Class

This program offers selected, well-motivated students the opportunity to be course peer tutors. Peer Tutors must possess excellent academic standing or ability in the subject area that they peer tutor in and need to be screened through a referral and interview process. By the end of the Peer Tutoring course, a student will have gained a wide variety of knowledge and skills related to teaching and learning. A student will have a basic understanding of Learning Disabilities and other factors which impact student learning and achievement. It allows students to investigate their interests in working with people, especially if they are interested in pursuing a career in the human services realm (teaching, medical & health fields, etc.). They will understand the purpose and need for effective communication skills, the variety of teaching and learning styles that people have, and the effectiveness of teaching others, while working toward developing a greater competence with curricula. They will have a greater understanding of the complexity of the teaching-learning process and the importance of the human relationship in that process. Most importantly, they will gain greater empathy and respect for their peers who find school to be very challenging. The experiences in the course allow the student to develop an aspect of their own personality, such as learning to be more assertive or more patient. In this way, the course allows the student to explore and improve their own learning styles, their own academic strengths and weaknesses, and their own emotional maturation.

Inquiry Learning

Foundations of Inquiry 11:

Foundations of Inquiry 11 is an opportunity for students to learn about the inquiry process as well as complete an inquiry-based project into a topic or learning area of their choice. Previous students have researched sustainable development goals, built trailers, created lessons and presentations, started a business, written stories, made movies, organized programs or events, served their community and **worked** on a school-wide area of growth (like Equity and Inclusion, Academic programming, Showcasing student learning or Health and Wellness).

*Please note: Interested students may take Foundations of Inquiry as a regular elective for 1 semester OR as a 9th course outside of the regular timetable during CENT time for the full year. Indicate your preference on the course selection sheet.

Advanced Inquiry IDS:

An Advanced IDS course provides students who have an interest or passion with the unique opportunity to pursue this Inquiry subject in greater depth and receive 2-4 credits towards graduation. The Inquiry must be rigorous and developed through a consultative process involving the student and the teachers, with standards designed to maintain a high level of quality in the work undertaken. Prerequisite: Foundations of Inquiry. An Independent Directed Studies course provides a student the opportunity to:

- develop and refine research skills
- develop collaboration and networking skills
- reach beyond conventional course boundaries
- develop critical thinking and problem-solving skills
- work with others who share similar interests on a local or global basis
- work with community members
- add a unique dimension to their portfolio
- develop skills that prepare them for post-secondary success

New Courses Offered added in 2026-27

Chess 11 (YMATH1B)

Chess 11 is designed to further expose students to the wonderful world of chess. This course is intended as an extension beyond Chess 10 to continue to develop students' skills and understanding in the areas of chess strategy, tactics, opening, middle and endgame theory. The goal is to learn and work with the skills needed to level up from novice to intermediate. Students will practice what they have learned through daily in-class play and tournaments. They will also benefit from the logical, critical, analytical and creative thinking which chess provides – skills that transfer to all subjects and all facets of life. Open to all Grade 10-12 students but Chess 10 is recommended prior.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Youth Train in Trades Program

visit 43Careers.com or email Ben King (BKing@sd43.bc.ca)

Trade Name	Program Details				
	Usually taken in	Student Cost	Length, Intakes & High school Credits	Location of Program	Pre-requisites
Aircraft Maintenance Engineer (Cat "M")	Grade 12	≅ \$600	Intakes: Aug, Jan + May 16 weeks (16 credits)	BCIT - Richmond (near South Terminal airport)	- Full completion of grade 11 + plan for Eng 12 - Auto 11 and ideally Auto 12 (or related experience) - Physics 11 - any Math 11 (C+) - pass: BCIT Mechanical Reasoning Assessment
Appliance Service Technician	Grade 12	≅ TDB	Intakes: Sept + Apr 39 weeks (40 credits)	KPU - <u>Cloverdale</u>	- Full completion of grade 11 + plan for Eng 12 - Electricity 10, 11 or 12 <u>or</u> a Robotics class - Chemistry 11 and/or Physics 11
Automotive Service Technician	Grade 12	≅ \$400	Intake: Feb all of semester 2 (16 credits)	Centennial	- Full completion of grade 11 + plan for Eng 12 - any Math 11 (C+) - Auto 11 and Auto 12 (C+), <u>or</u> Auto 11 (B) and Physics 11
Auto Collision & Refinishing Tech	Grade 12	≅ \$1,800	Intakes: Sept + Feb VCC – 35 weeks (28 credits) BCIT – 40 weeks (32 credits)	VCC – Broadway BCIT – Burnaby	- Full completion of grade 11 + plan for Eng 12 - any Auto 11 class (recommended) - any Metal/Weld class (helpful, not necessary)
Baker	Grade 12	≅ \$2,200	Intake: mid-July to mid-Dec 23 weeks 24 credits	VCC - Downtown	- Complete gr 11 - VCC questionnaire + short PowerPoint portfolio - Food Safe Level 1 (certified before intake date)
Cabinet Maker (<u>Joiner</u>)	Grade 12	≅ \$700	Intakes: Aug, Oct + Mar 25 weeks (28 credits)	BCIT - Burnaby	- Full completion of grade 11 + plan for Eng 12 - any Math 11 (C+) - Wood 11 <u>and</u> Wood 12
Carpenter	Grade 12	≅ \$450	Intake: Feb all semester 2 (16 credits)	Terry Fox <u>and</u> BCIT – Burnaby (6 wks)	- Wood 11 (and ideally Wood 12) - any Math 11 (C+) - Drafting + Design 11 (recommended)
Professional Cook	Grade 12	≅ \$400	Intake: Feb all semester 2 (16 credits)	Centennial or Riverside	- Cook Training 11 <u>and/or</u> 12 <u>or</u> Foods & Nut. 11 and/or 12 (ideally two or three of them) - Food Safe Level 1 (certified before intake date)
Construction Electrician	Grade 12	≅ \$350	Intake: Sept all semester 1 (16 credits)	Dr. Charles Best	- Full completion of grade 11 - Math 11: Found / Pre-Calc (C+) <u>or</u> Workplace (B) - Physics 11 - any Tech Ed 10-12 course
Hairstylist	Grade 12	≅ \$3,000	Intakes: Sept, Oct, Jan, Mar + May 40 weeks (40 credits)	VCC - Downtown	Full completion of grade 11 + plan for English 12
Heavy Duty Mechanic	Grade 12	≅ \$1,800	VCC Intakes: Sept + Feb BCIT: Sept, Oct, Feb, Apr, May + June 36 weeks (28 credits)	VCC - Broadway BCIT - Annacis	- Full completion of grade 11 + plan for Eng 12 - any Math 11 (B) - Auto 11 (B) <u>and</u> Auto 12 (B)
Ironworker	Grade 12	≅ \$400	Intakes: Jan (first week) + July 23 weeks (20 credits)	BCIT – Burnaby	- Full completion of grade 11 + plan for Eng 12 - Metal/Weld 11
CNC-Machinist	Grade 12	≅ \$1,300	Intake: Sept + Jan (first week) 25 weeks (24 credits)	BCIT – Burnaby	- Metal 11 and/or Wood 11 - Basic knowledge of Fusion 360 software - Pass: BCIT Math Trades Entry Assessment
Landscape Horticulturist	Grade 12	≅ \$650	Intake: Feb 6 weeks (8 credits)	KPU – Langley	- Any Math 11 (C+) - Any Science 11 - Interest in working with plants and landscapes
Marine Mechanical Tech	Grade 12	≅ \$500	Intakes: Sept + Feb 26 weeks (28 credits)	BCIT – Annacis Island	- Full completion of grade 11 + plan for Eng 12 - Auto, Metal <u>and/or</u> Electricity (recommended) - any Math 11 (C+)
Metal Fabricator	Grade 12	≅ \$400	Intakes: Sept + Feb 23 weeks (20 credits)	BCIT – Burnaby	- Full completion of grade 11 + plan for Eng 12 - Metal/Weld 11 (and ideally Metal/Weld 12) - any Math 11 (C+)

Millwright	Grade 12	≅ \$1,200	BCIT Intakes: Sept + Feb KPU Intake: Feb 24 weeks (24 credits)	BCIT – Burnaby KPU – <u>Cloverdale</u>	- Full completion of grade 11 + plan for Eng 12 - Math 11: Found <u>ℒ</u> Pre-Calc (C+) <u>or</u> Workplace (B) - at least one Tech Ed 11-12 course
Motorcycle Mechanic	Grade 12	≅ \$500	Intakes: Sept + Feb All sem 1 <u>or</u> all sem 2 (16 credits)	BCIT – Burnaby	- Full completion of grade 11 - Auto 11 <u>or</u> related experience
Commercial Painter	Grade 11 or 12	≅ \$0	Intake: mid-June 6 weeks (8 credits)	Fin. Trades Inst. - Surrey	- Full completion of grade 11 - English 11 <u>or</u> 12
Parts Technician	Grade 12	≅ TDB	Intake: March 20 weeks (20 credits)	KPU – <u>online</u>	- Full completion of grade 11 (including Eng 12) - Good organizational and time mgmt. skills - Accounting 11 (recommended)
Plumber	Grade 12	\$0	Intake: start of Sem 2 – mid-July 27 weeks 24 credits	Gleneagle (potentially some weeks at BCIT)	- any Math 11 (C+) - recommended: any Tech Ed 10-12 course
Refrigeration Mechanic	Grade 12	≅ \$900	Intake: Sept 25 weeks (24 credits)	BCIT – Burnaby	- Full completion of grade 11 + plan for Eng 12 - Physics 11 - Chem 11 and Math 12 (strongly recommended) - Electricity (recommended) - Pass: BCIT Mechanical Reasoning Assessment
Security Systems Technician	Grade 12	≅ \$1,100 plus tools	Intakes: November + April 28 weeks (28 credits)	BCIT – Burnaby	- Full completion of grade 11 + plan for Eng 12 “Security Worker License” (prior to being accepted) - any Math 11 (C+)
Sheet Metal Worker	Grade 12	≅ \$400	Intakes: Sept All semester 1 (16 credits)	BCIT – Burnaby	- Full completion of grade 11 - any Math 11 (C+) - Metal/Weld 11 (recommended)
Welder	Grade 12	≅ \$800	BCIT Intakes: Aug, Sept, Nov, Jan + Mar PIC intakes: Sept, Jan + Mar both are 28 weeks (28 credits)	BCIT – Burnaby Piping Ind. Coll. (PIC) - Annacis Island	- Full completion of grade 11 + plan for Eng 12 - any Math 11 (C+) - Metal/Welding 11 (ideally Metal/Weld 12)

“Youth **EXPLORE** in Trades” Programs

visit 43Careers.com or email **Ben King** (BKing@sd43.bc.ca)

Trade Program			Program Details		
Trades Sampler “Motors & Engines”	Usually taken in	Cost	Time & High school Credits	Location of Program	Pre-requisites (recommendations)
	Grade 11 or 12	Free	1 intake: early Feb 10 weeks (12 credits)	VCC - Broadway	- Grade 10 or 11 core/requirements - any Math 11 (C+) - pass 3 BCIT assessments (45 mins each): English, Mechanical Reasoning + Math
	The February 2022 focused on three trades: “Auto Service Technician”, “Auto Collision + Refinishing Technician” and “Heavy Duty Mechanics” Students also earned their forklift certification.				
Trades Discovery (“General” and “Women” Intakes)	Usually taken in	Cost	Time & High school Credits	Location of Program	Pre-requisites (recommendations)
	Grade 12	Free	Three intakes: September, January + May 4 months (16 credits) Note: very competitive to get a seat , only 2 reserved seats, per intake, for all Lower Mainland	BCIT (Burnaby mostly, but will visit their other 3-4 campuses)	- Completion of grade 11 core/requirements - any Math 11 (C+) - do/pass 3 BCIT assessments: English, Mechanical Reasoning + Math
	Students in recent intakes experienced 1-4 days in each of the following areas: TRADES = Aerospace, Motorcycle Mech, Auto Collision, Auto Service Tech, Sheet Metal, Carpentry, Welding, Electrical, Machinist, Millwright + Marine TRAINING & CERTIFICATIONS = might include: General Safety, WHMIS, OFA 1, Fall arrest/protection, Hilti, Fit Test, Forklift + Fire Protection				

Skills Exploration 10-12	Usually taken in	Cost	Time & High school Credits	Location of Program	Pre-requisites (recommendations)
	gr 10s + 11s	Free	Sem 1 or 2, depending on school's timetabling. Course is 4 credits	Presently offered at: CAFE, Dr. Ch. Best, Gleneagle, Heritage Woods, Riverside + Terry Fox	None, ideally the student is using this course as a chance to learn more about a few trades and gain some hands-on skills that might lead to further investigation of the TRAIN programs
	Depending on the teacher's offerings, students will experience 4 trades (3 from 'must' list + 1 optional) over a semester that are selected from: MUST (3-4 of): Automotive Service Tech, Baker, Cook, Carpenter, Design + Drafting, Electrician, Electronics + Robotics, Metal Worker or Welder OPTIONAL examples (0-1 of) = Horticulturalist, Tiler, Painter, Hardwood Floorer, Auto Painter, Auto Collision Repairer, Cabinet Maker, Sheet Metal Worker...				
Enhanced Bridge Watch Program <i>"begin your career at sea... working on ferries, tugboats, deep-sea vessels..."</i>	Age Requirement	Cost	Time & High school Credits	Location of Program	Pre-requisites (recommendations)
	By the end of the program, students must be between 18-26 yrs old (open to grads)	Free	- Oct 16, 2023 – Feb 2, 2024 - Nov 6, 2023 – Mar 15, 2024 - Jan 22, 2024 – Apr 19, 2024 - plus more: TDB 20 credits	BCIT – North Vancouver campus Note: there may be some online components	- Full completion of grade 11 + plan for Eng 12 - any Math 11 (C+)
	In addition to "BCIT Bridge Watch Rating Assoc. Cert." and "Transport Canada Bridge Watch Rating Cert.", you will also earn: WHMIS (BCIT Workplace Hazardous Materials Information System) ROC-MC (Industry Canada Restricted Operator's Certificate – Maritime Commercial) MBFA (Marine Basic First Aid Certificate) BST (STCW Basic Safety Training) PSC (STCW Proficiency in Survival Craft)				

"Youth **WORK** in Trades" Program

visit [43Careers.com](https://43careers.com) or email [Joanna Horvath \(jhorvath@sd43.bc.ca\)](mailto:jhorvath@sd43.bc.ca)

Course Name(s)	Program Details				
	Open to	Student Cost	High school Credits	Location of Program	Requirement
Work 11a, 11b, 12a + 12b (4 courses in total)	gr 10s, 11s, 12s + 1 st year after grad	Free	For each 120 hrs worked in a trades, plus online course work, you receive 4 credits, up to 16 credits	in the community as a tradesperson with a company	- you are presently working with as a paid tradesperson - you were recently working with as a paid tradesperson... able to backdate up to 240 hrs towards your course hours

Coquitlam Open Learning Course Offerings



2026-2027 COL 10-12 Program Offerings

online.sd43.bc.ca 604-936-4285
1432 Brunette Avenue, Coquitlam

COL offers an extensive list of Secondary online (continuous entry) options, including:

Grade 10 Academic	Grade 11 Academic	Grade 12 Academic	Unique/Blended Electives
8618 - Career Life Education (CLE) 10 8627 - Education Au Choix De Carrier Et De Vie 10 (French CLE 10) 8630 - French 10 8483 - Math 10 Foundations & Pre-Calc. 8656 - Math 10 Workplace 8645 - Physical and Health Education 10 8648 - Science 10 8649 - Social Studies 10 8622 - ** (ELA) Composition 10 8624 - ** (ELA) Creative Writing 10 8639 - ** (ELA) Literary Studies 10 8643 - ** (ELA) New Media 10 8652 - ** (ELA) Spoken Language 10 ** (ELA) English Language Arts 10 = 4 Credits (Requires 2 of the above 2-credit courses.)	8588 - Chemistry 11 8590 - Life Sciences 11 8591 - Physics 11 (CLOC) 8593 - Science for Citizens 11 (CLOC) 8623 - Composition 11 8625 - Creative Writing 11 8640 - Literary Studies 11 8644 - New Media 11 8653 - Spoken Language 11 8631 - French 11 (CLOC) 8633 - Introductory Japanese 11 (CLOC) 8636 - Japanese 11 (CLOC) 8634 - Introductory Mandarin 11 (CLOC) 8641 - Mandarin 11 (CLOC) 8635 - Introductory Spanish 11 (CLOC) 8650 - Spanish 11 (CLOC) 8576 - Accounting 11 (CLOC) 8657 - Math 11 Workplace 8629 - Math 11 Foundations 8646 - Math 11 Pre-Calculus 8612 - Explorations in Social Studies 11 (CLOC)	8617 - Anatomy and Physiology 12 8621 - Chemistry 12 8602 - Composition 12 (CLOC) 9523 - Contemp. Indigenous Studies (CLOC) 8626 - Creative Writing 12 8628 - English Studies 12 8581 - Spoken Language 12 (CLOC) 8607 - English First Peoples 12 (CLOC) 8619 - Career Life Connections 12 8632 - French 12 (CLOC) 8637 - Japanese 12 (CLOC) 8642 - Mandarin 12 (CLOC) 8608 - Calculus 12 (CLOC) 8584 - Math 12 Foundations (CLOC) 8647 - Math 12 Pre-Calculus 8651 - Spanish 12 (CLOC) 8482 - 20 th Century World History 12 8595 - Geography 12 (Physical) (CLOC) 8594 - Law Studies 12 (CLOC) 8592 - Physics 12 (CLOC) 8579 - Tourism 12 (CLOC) 8598 - Child Dev. & Caregiving 12 (CLOC) 8578 - Food Studies 12 (CLOC) 8596 - Active Living 12 (CLOC) 8599 - Fitness and Conditioning 12 (CLOC)	8577 - Career Life Education 12 (CLOC) - Adult Grad only 8654 - Work Experience 12 Youth Work in Trades Formerly Secondary School Apprenticeship. Earn hours towards trade certification while gaining up to 4 high school courses. Go to: 43Careers.com See links to all of our courses and register at Online.SD43.bc.ca We also offer 'Fast Track' courses during summer. Blended programs from early July to mid August.

Three types of learning environments:

Online (Continuous Entry):	flexible pacing, communication is predominantly via online tools.
Blended (Online blended):	specific start/end dates, regularly scheduled face-to-face classes as well as working online.
CLOC (Adult Learning Center):	continuous entry, online courses (a few paper-based), learning support hours, only for students 16+ or with permission.

COL is pleased to offer a range of learning supports including:

- Support teacher in every SD43 secondary school
- Write tests and get support right in your home school
- Ongoing local drop-in support
- Extra testing and online support in the evenings
- Language Lab support hours

Register at: Online.SD43.bc.ca Any issues registering, please call 604-936-4285 (When looking for a course, search using the 4 digit number before the course name.)

COURSE PLANNING SECTION

Turn to the page corresponding to the grade level you are entering. While you are at it, you can fill out the PDF fillable course request form for your next grade on our website. This will help guide you through the course selection process, where you will fill out your selections on myEdBC before meeting with your Counsellor. This form needs to be emailed or given to your Counsellor for their records.

Centennial Secondary School Course Planning Sheet 2026-2027 ELL

Centennial Secondary School Course Planning Sheet 2026-2027 Grade 12

Centennial Secondary School Course Planning Sheet 2026-2027 Grade 11

Centennial Secondary School Course Planning Sheet 2026-2027 Grade 10

Centennial Secondary School Course Planning Sheet 2026-2027 Grade 9

1. Read the descriptions of all the required courses and electives that interest you in the course planner.
 2. Use all the resources available to assist you in choosing electives: teacher, parents, counselors and other students.
 3. Check the course requirements for the Grade 10 program, graduation and entrance to post-secondary programs.
 4. Check off which Math 9 courses you are choosing.
 5. Choose 5 elective courses. (Note: Choices 4 & 5 are alternative choices)
 6. Please use this form as a working document. All applicable elective courses will be entered into [SIS/SLC](#) portal.
 7. Please visit the Centennial Course Planning Webpage for more information.

Centennial Counselors: Nicholas Bolton nbolton@ced43.bc.ca (A-Hg)
 Hakea Vukic hvukic@ced43.bc.ca (Jm-PZ)
 Terry Forrest tforrest@ced43.bc.ca (P-Z)

Legal First Name: _____ Legal Last Name: _____
 Preferred Name: _____ Middle Name: _____
 Parent/Guardian Name(s): _____ Parent Contact Number: _____

Required Courses: ☐ English 9 ☐ Social Studies 9 ☐ Physical Education ☐ Science 9 ☐ Social Digital Literacy 10
 Pick a Math course: ☐ Math 9 or ☐ Numeracy 9

Please choose your TOP 5 elective courses. You must have 5:
 Write the numbers 1 to 5 in your order of preference beside the course names below. (There are no guarantees for the TOP 5 choices).

☐ ELECTRONICS AND POWER 9	☐ FRENCH 9
☐ METAL WOOD 9	☐ JAPANESE 9
☐ POWER TECHNOLOGY 9	☐ SPANISH 9
☐ BUSINESS COMPUTER APPLICATIONS 12	☐ MUSIC COMPOSITION & PRODUCTION 10
☐ BUSINESS EDUCATION 9	☐ INSTRUMENTAL MUSIC: GUITAR 10
☐ FOOD STUDIES 10	☐ DRAMA 9
☐ TEXTILES 9	☐ AFTER EDUCATION 9
☐ ARTS & CRAFTS 9	☐ VISUAL ARTS MEDIA ARTS YEARBOOK 10
☐ ARTS & TECHNOLOGY 9	☐ PHOTOGRAPHY 10
☐ DRAFTING, DESIGN & ANIMATION 9	☐ CHESS 10
	☐ CHESSING AND DRAGONS 11
	☐ LEADERSHIP 10

EXTRA COURSES (during Period 1 (7:45 am start) or Afternoon school). Tick any that apply to you:

☐ MUSIC: CHORAL MUSIC	☐ VOCAL JAZZ*	☐ FITNESS & CONDITIONING 11: BASKETBALL
☐ MUSIC: BAND	☐ MUSIC: JAZZ BAND*	☐ FITNESS & CONDITIONING 11: FOOTBALL
	*Audition for these courses in the Fall	☐ FITNESS & CONDITIONING 11: SOCCER
☐ OFFSHORE ATHLETIC PERFORMANCE 11	☐ FITNESS & CONDITIONING 10	

Student Support Services:
☐ Do you have an IEP and require a LEC (Learning Enrichment Block)?

Please indicate if you are applying for one of the following specialized programs:
☐ Hockey Academy (zoom meeting: January 20, 7:00pm)
☐ Math 9/10 [SIS/SLC](#) Application QR code in Grade 9 Course booklet
☐ Science 9/10 Accelerated Application QR code in Grade 9 Course booklet

☐ I have reviewed and shared (via a photo) this course selection sheet with my parent(s)/guardian(s).

(white)

Required Courses

See the previous section for your required courses for Grades 10, 11, and 12. As you go from Grade 10 to 11, and then 12, the number of courses you can choose increases. You can specialize for your preparation for post-secondary and be ready to apply to all kinds of different opportunities, if you plan.

In addition to required courses and a minimum number of credits, you also need to make sure you are taking at least the minimum number of “Fine Arts” and “Applied Skills” credits during your Grade 10/11/12 Grad Program.

Electives: Applied Skills and Fine Arts Requirements

Centennial students in the **Graduation Program** can use the chart below to select courses to meet their Fine Arts and Applied Skills requirements. Students need to complete a 4 credit Fine Arts **or** Applied Skills course **or** a combined Applied Skills/Fine Arts course at the Grade 10, 11 or 12 level.

Applied Skills 10/11/12

- 3D Game Design 12
- Advanced Design 12
- Auto Technology 11/12
- Computer Programming 11/12
- Culinary Arts 10/11/12
- Digital Animation 11/12
- Drafting & Design 11/12
- Electronics 10/11/12
- Food Studies 10/11/12
- Guitar 10/11/12
- Media Design 11/12

- Marketing and Promotion 11
- Metalwork 10/11/12
- Metal Art/Jewelry 12
- Music Composition and Technology 11/12
- Power Technology 10
- Textiles 10/11/12
- Woodwork 10/11/12

Fine Arts 10/11/12

- Art Studio 10/11/12
- Choral Music 10/11/12: Concert Choir
- Choral Music 10/11/12: Vocal Jazz
- Drama 10/11/12
- Film and Television 11/12
- Guitar 10/11/12
- Instrumental Music 10/11/12: Concert Band
- Instrumental Music 10/11/12: Jazz Band
- Music Composition 10/11/12
- Studio Art 2D 10/11/12
- Studio Art 3D 11

Combined Fine Arts/Applied Skills

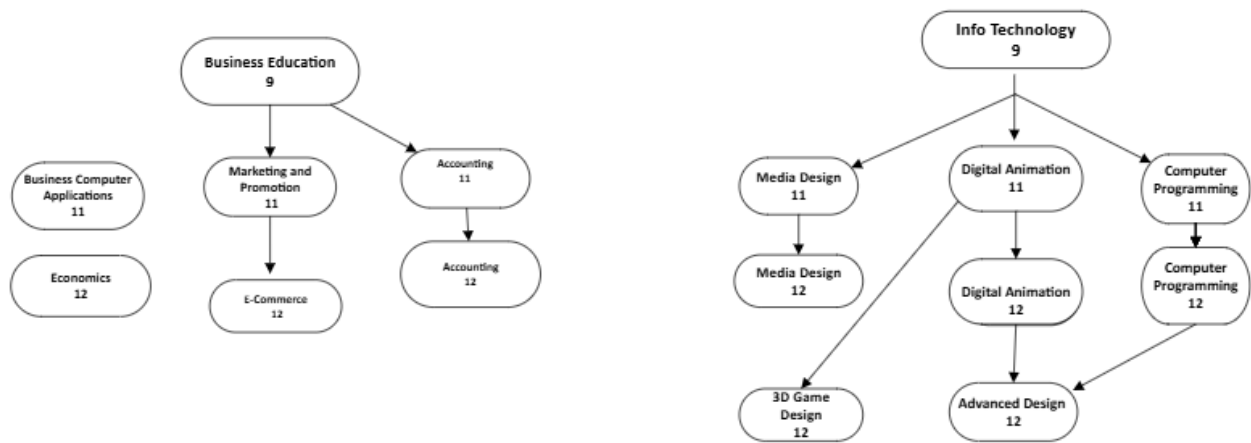
- Fashion Industry 12
- Graphic Design 11/12: Yearbook
- Musical Theatre 10/11/12
- Photography 10/11/12
- Photography 10: Yearbook
- Textile Arts & Crafts 10/11/12

External Course Credits and Course Challenges

Students and parents should be aware that students may earn External Course graduation credits in Grade 10, 11 or 12 for documented proficiency in advanced academics, languages, music, dance, athletics, community youth development programs, and industrial and occupational courses.

The Ministry and the School District also have a program in place that allows students who have exceptional ability in languages to challenge courses by writing a formal challenge exam. More information about external course credit possibilities and challenge procedures is available from the Counselling Department.

BUSINESS ED & DIGITAL MEDIA COURSES



Business Education 9 (MADEM09)

This course introduces many of the basic concepts needed to understand how the business world works. Topics include marketing, accounting, business law, finance, and entrepreneurship. This is an introductory course to Marketing and Promotion 11, Accounting 11 and E-Commerce 12. This course utilizes computer software such as PowerPoint, Excel, and Word.

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Information and Communications Technology 9 (MADIT09)

This “hands-on” course provides an opportunity to develop digital communication skills in data processing, graphic design, photo editing, presentation software, 2D digital animation, and coding. This course will help prepare students for a career in the digital world and provide them with newfound skills which they can use to enhance projects for coursework in other curricular areas. Assignments will include working with Microsoft Office Tools; graphics editing and presentation with Photoshop, Illustrator, and Adobe Animate; coding and website design with HTML, CSS, and scripting languages.

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Accounting 11 (MACC-11)

This course is an excellent foundation for students who intend to get jobs in the business world, become self-employed, or take post-secondary business courses. As an introduction to bookkeeping procedures and accounting concepts, this course allows students to be aware of and capable of completing the basic accounting cycle and financial statements for a small business, using real world examples and projects.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Accounting 12 (MACC-12)

This course provides a general review of introductory accounting practices and then proceeds to work with more complex concepts and principles. Excel spreadsheets and Simply Accounting software will be used extensively throughout the course. This course provides students with additional skills for employment and gives them a strong head start for future business studies at college or university.

Foundation: Accounting 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Business Computer Applications 12 (MBCA-12)

This course will help develop students keyboarding proficiency both as a personal life skill and as a foundation for career development. Students will learn to touch key to industry acceptable standards as well as create personal, school, and business documents using word processing software. This course is designed for beginners as well as for those who wish to increase their speed and accuracy and learn more advanced word processing skills. Learn how to create reports, letters, tables, and other useful documents, and some advanced word processing and desktop publishing skills by the end of the course.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒**Marketing and Promotion 11** (MMAP-11)

Have you ever wondered why some products in the marketplace are so popular while others are complete flops? In Marketing 11, students will develop an understanding of marketing strategies that are used to successfully bring goods and services to consumers. Specifically, students will learn about consumer behaviour, the business environment, marketing research, retailing, advertising and promotion, pricing, and distribution. Students will prepare a hypothetical marketing/ business plan for a business of their choice. Students also run the Cent School Store where they apply their new concepts and skills through hands on participation. This is an excellent course for students interested in being involved in business but unsure of where to start.

Foundation: Completion of a Math 10 course.Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒**E-Commerce 12** (MECOM12)

Do you plan to run your own business? E-Commerce 12 provides a practical, “hands-on” opportunity to develop the entrepreneurial spirit required for starting and operating a business. During the semester, students will identify and evaluate business opportunities, assess business ideas, and develop and implement a business plan for a new venture. This course provides students with timely experiences needed for the business world.

Foundation: Any grade 11 Business course.Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒**Media Design 11** (MMEDD11)

This is a 'hands-on' course where students will engage with industry-standard design and media technologies. Have fun exploring graphic media design using various photo-editing software like Photoshop and InDesign; work through the elements and principles of design as you create web pages or make your own animated movies, memes, and gifs. This course is very collaborative as students work creatively through the design process.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒**Media Design 12** (MMEDD12)

This course extends the skills learned in Media Design 11. Students will be challenged to develop higher levels of skill in the areas of media development, information processing, and digital communications. ‘Hands-on’ project work will include advanced photo-editing techniques, advanced print media design, and animated web page creation. This course will further explore software like the Adobe Creative Suite (Photoshop; Animate; Dreamweaver etc.) or comparable online applications. Students have great independence and choice as they work through the design process.

Foundation: Media Design 11Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Digital Animation 11 (YCCT-1A)

The focus of this course is on 2D and 3D animation, graphics and multimedia productions. While the course will begin with an introductory week of traditional sketching and character design, students will be using computer tools for their animation work. Digital movie production and game design are strong industries in Vancouver and there are many local post-secondary programs that students can pursue. Students interested in storytelling, creating animated movies, video games, 3D modelling, and creating 3D environments will find this course valuable.

Foundation: None

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Digital Animation 12 (YCCT-2A)

Designed for those students who want to go beyond what they learned in Design 11: Animation & Multimedia, this senior course will allow students to build on the skills previously learned, to produce more advanced 2D & 3D computer animation and multimedia productions. The course will conclude with students writing, creating, and producing an animated short film. If you enjoy creating 2D and 3D animated multimedia productions, then this is the class for you! This course can help prepare students for rewarding careers in related fields in movies, television, special effects, advertising, and many other design and entertainment related areas.

Foundation: Digital Animation 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

3D Game Design 12 (YPPR-2A)

The video game industry is thriving, and Vancouver has many post-secondary and employment opportunities in this evolving and exciting field. This 3D Game Design course is designed to teach students the fundamental philosophies of game design and apply them in a hands-on manner using a step-by-step process. The majority of class time in this course will be dedicated to the creation of a working 3D game. Tools for this course will include Blender, Unity, graphics editing software, and sound editing software.

Foundation: None

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Computer Programming 11 (MCMPR11)

In today's digital world, coders are in high demand. Learn to create your own software, applications, and games. Students will learn to design programming algorithms, utilize computational thinking to solve programming problems, and code with a high-level programming language to create real world computer programs. This course is designed to prepare students for study in university level computer science and software engineering.

Foundation: None

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Computer Programming 12 - Game Design (MCMPR12)

Do you have a great idea for a video game? This advanced course is designed to develop programming skills through the process of video game design. Vancouver offers exciting career opportunities in this area and this course can give students the head start needed for post-secondary education. Students will spend some time advancing concepts learned in Computer Programming 11 and a large portion of the course will be spent constructing a working video game using Python and PyGame. Computer Programming 11 is essential for success in this course and it is also recommended that students be comfortable with graphics editing software as they will be expected to create their own graphics.

Foundation: Computer Programming 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Advanced Design 12 (MDMD-12)

In this career-focused course, students have an opportunity to be involved in self-directed studies focused on topics of individual interest that relate to a variety of career sectors such as engineering, architecture, interior design, landscape architecture, urban planning, automotive design, computer graphics, fashion design, 2D & 3D animation, 3D game design, and multimedia production. Students will utilize advanced skills, knowledge, and features of previously used - as well as supplementary - software on applicable projects.

Foundation: Drafting 12, Digital Animation 12 or Computer Programming 12 - Game Design

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

CAREER EDUCATION COURSES

Career Life Education 10 (MCLE-10)

This course is a graduation requirement for all students in British Columbia and replaces Planning 10. Students will explore a variety of learning outcomes that are directly relevant to their future personal wellness, living arrangements, financial planning and career path. Career Life Explorations will invite students to consider the impact of their personal and career choices on themselves and others. Students will explore personal development, connections to the community and career and educational life plans. The goal of the course is to enable students to develop the skills they need to become self-directed individuals who display initiative, establish goals, make thoughtful decisions, and take responsibility for pursuing their goals in an ever-changing society.

Required Course for all Grade 10s

Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Career Life Connections 12 (MCLC-12)

Before graduation, students will be required to complete four credits of senior career exploration through the Career Life Connections course, as well as a Capstone project and presentation. In addition, students must submit evidence of participation in 30 hours of volunteer or paid work and attend a minimum of one Meet an Expert session during their time at Centennial. This course will receive a percentage upon completion and may require time throughout Tutorial.

Required Course for all Grade 12s

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Work Experience 12 (MWEX-2A & MWES-2B)

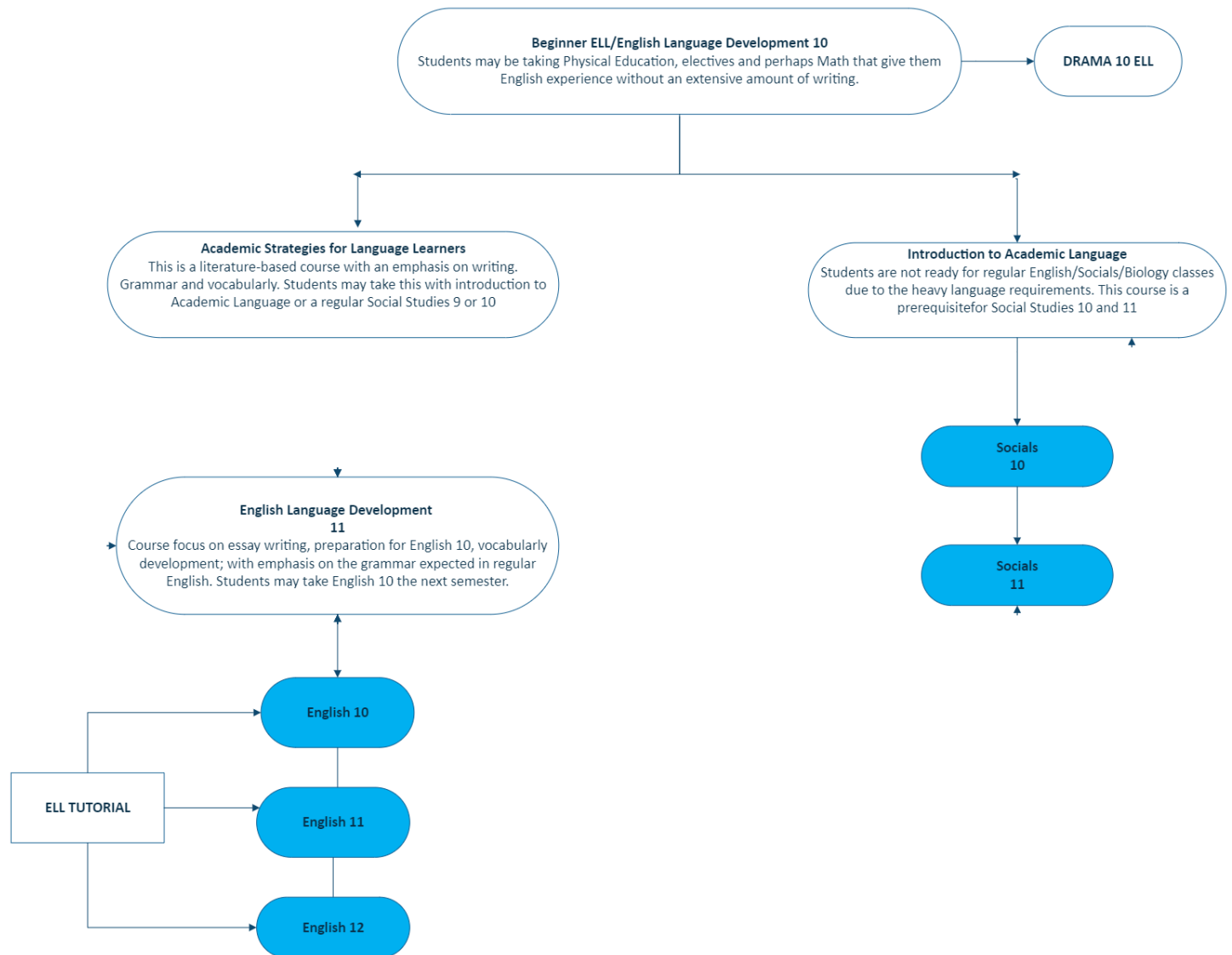
This practical hands-on course is designed to help prepare students for the transition from secondary school to the world of work or further education and training. It provides them with the opportunity to gain knowledge, skills and attributes needed to be successful in the workplace or develop job readiness skills for specific occupations and careers. Students will be required to complete a 30 hour Employability Skills classroom component before they are placed in 90 hours of volunteer work experience related to their job or career interests. This course is open to grade 11 and 12 students. Parental/Guardian approval is required.

Foundations: Open to Grade 11 and 12 students

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

ENGLISH LANGUAGE LEARNERS (ELL)

ELL (formerly EAL) assistance is provided for students new to Canada whose first language is not English, and to ELL students who need to continue to build their English language skills. The ELL program prepares students for regular classes. ELL instruction is available for as long as the student, teacher, and counsellor agree that it is required. For more information, look under the EAL section in this guide.



Beginner ELL (non-credit) (XLDC10)

This course is designed for the Emerging/Beginning Level 0-1 English Language Learner. Students will learn basic grammar rules, spelling, and punctuation within their writing, while also exploring different genres of reading. Oral skills are also taught with regards to pronunciation, clarity and comprehension. A basic introduction to Canadian culture is also introduced.

Foundation: None

Grade 9 ☑ Grade 10 ☑ Grade 11 ☑ Grade 12 ☑

English Language Development 10 (credit) (YESFL0A-IE)

This course is designed for the Beginning/Developing Level 1-2 English Language Learner. Students will focus on the four main English language skills of reading, writing, listening and speaking. Students will also demonstrate growth in English language proficiency through oral, visual, and simple written form. Students will learn to identify and compare their own customs/traditions to that of Canadian culture and customs.

Foundation: Beginner ELL or equivalent.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Introduction to Academic Language 10 (credit) (YESFL0B-IE)

This course is designed for the Expanding Level 3 English Language Learner. This class provides students the opportunity to develop their academic language skills for continued success in the areas of English and Socials. Students will continue to build their writing, speaking, listening and reading competencies through a variety of different text genres and forms. Included are the elements that comprise Canadian culture, especially that of Indigenous culture.

Foundation: EDL 10 or equivalent.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Academic Strategies for Language Learners 10 (credit) (YESFL0C-EI)

This course is designed for the Expanding Level 3 English Language Learner and can be taken concurrently with Introduction to Academic Language 10. Students will continue to enhance and work on developing their language proficiency with regards to listening, speaking, reading, and writing in a more expressive and creative manner. Paragraph writing, vocabulary, novel study, poetry, and different genres of reading and writing will be studied. An emphasis on proper use of grammar, spelling and writing strategies such as how to write a paragraph and an essay are learned throughout the semester.

Foundation: EDL 10 or equivalent.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

English Language Development 11 (credit) (YESFL1B)

This course is designed for the Consolidation-Bridging Level 4-5 English Language Learner. This class provides students the opportunity to build on their English language skills in the areas of reading, writing, comprehension, and oral language, in preparation for English 10. Students will study a variety of different genres while learning strategies on how to extract, analyze, interpret, connect and expand on the information learned in class. Paragraph and essay writing, vocabulary, short stories, poetry, novel studies and other genres of reading and writing are the major units of study in this course.

Foundation: ASLL 10 or equivalent.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

ELL Tutorial 11/12 (XAT--11--)

This is a non credit class where students who are no longer taking ELL classes will be enrolled in for an additional year. The purpose is to provide extra help and assistance as they move onto mainstream English based classes. It is an opportunity for the ELL specialist to connect with students receiving indirect support for an additional year and help them adjust and in some cases connect them with peer tutors if needed. Students will connect with the ELL specialist each week to connect and give updates on their progress in their courses. They can also use the block for extra studying/review, help with projects, assignments or daily homework.

Foundation: ELD 11

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Multi-Cultural Leadership 10/11/12 (YCPA-0AT/YCPA-1AC/YCPA-2AT)

ELL and International students at Centennial have helped to mentor and lead new students at Centennial from many different countries and cultural backgrounds. You will now play an important role in our Centennial School Community by continuing to help support our most vulnerable learners. Students will have the opportunity to lead, support and mentor new and current students at Centennial who have cultural and language commonalities. In this class you will have time to develop your leadership skills, to create and support events within the school, as well as to create a school environment of inclusion. This is a full year (linear) , four credit course.

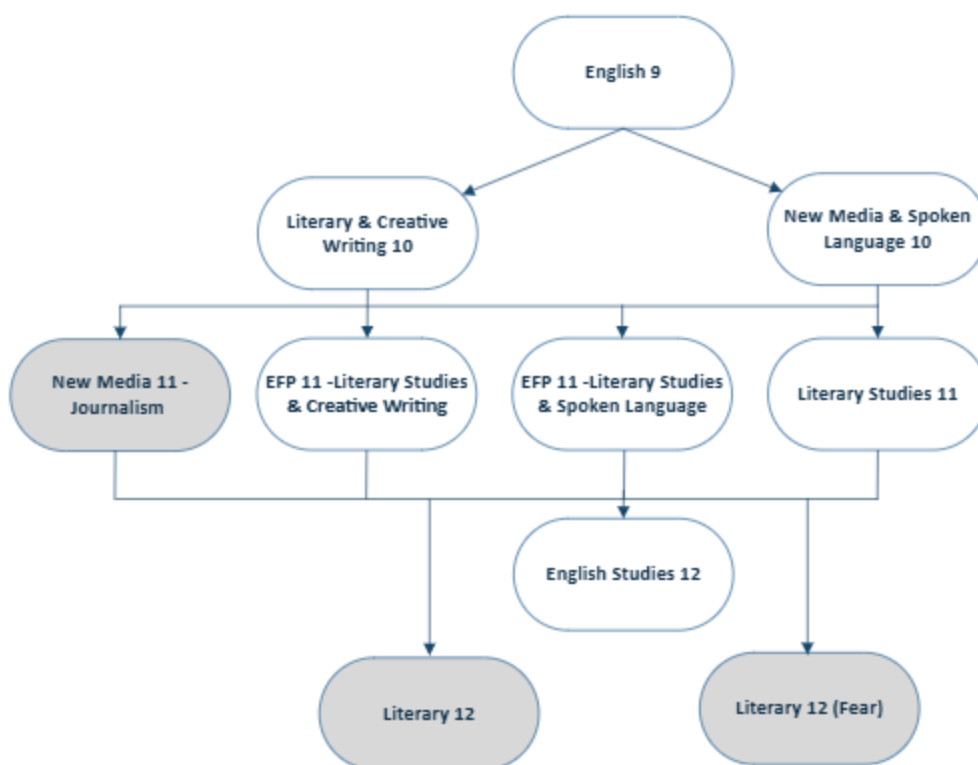
Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

ELL Drama 10 (MDRM-10ELL)

ELL Drama 10 is a 4-credit course and will immerse English Language Learners in dramatic activities while strengthening language skills. Students will build confidence in their English speaking and listening abilities as they express themselves and explore the language in a variety of scenarios. Reading and writing skills will be enhanced using prepared scripts, original scenes, spontaneous conversation and improvisation. Participation and interaction with peers are integral parts of this course of study.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

ENGLISH COURSES



English Language Arts 9 (MEN-09)

English 9 students pick up where middle school left off, as they develop skills in six areas, which are further grouped in two areas of competence: 1. comprehend and connect (reading, listening, and viewing skills), and 2. create and communicate (writing, speaking, representing skills). This course introduces students to the formal study of various literary genres: poetry, short stories, the novel, and drama. Students will develop skills and strategies that enable them to anticipate and confirm meaning while reading and listening. They will also study and apply the conventions of language to writing—with particular emphasis on coherent paragraph development. Student choice is important in English 9, as are the First Peoples Principles of Learning, which are based on the concepts of community, shared learning, and trust; therefore, both choice and the principles of learning are embedded in English 9.

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Creative Writing & Literary Studies 10

(MCTWR10 & MLTST10)

This combined course offers students the chance to continue skill development in six areas, which are grouped together in two curricular competencies: 1. comprehend and connect (reading, listening, viewing), and 2. create and communicate (writing, speaking, representing). English 10 students work with diverse materials that are more challenging than the ones in the previous year and strive to create and communicate in ways that show increasingly sophisticated understanding of the language. The course is divided equally between Focused Literary Studies (examining the traditional genres of fiction, drama, poetry, and non-fiction) and Creative Writing. Student choice is important in English 10, as are the First Peoples Principles of Learning, which are based on the concepts of community, shared learning, and trust; therefore, both choice and the principles of learning are embedded in English 10.

Foundation: English Language Arts 9Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐**Spoken Language & New Media Studies 10**

(MSPLG10 & MNMD-10)

This combined course offers students skill development in six areas, which are grouped together in two curricular competencies: 1. Comprehend and connect (reading, listening, viewing) and 2. Create and communicate (writing, speaking, representing). Grade 10 level English Language Arts study involves working with diverse materials that are more challenging than the ones in the previous year and striving to create and communicate in ways that show an increasingly sophisticated understanding of language. The course is divided equally between the two focus areas. Spoken Language is addressed through recognizing and appreciating diversity among cultures as represented in oral and other texts and exploring appropriate spoken language formats for intended purposes (such as podcasts, debates, presentations, and poetry recitations). New Media recognizes the complexities of digital citizenship through the development of self-monitoring habits and actions as participation in digital communities. There will be an emphasis on identifying bias, contradictions, and distortions. Within both sections, students will represent their learning through multi-modal texts. Student choice is important in English 10, as are the First Peoples Principles of Learning, which are based on the concepts of community, shared learning, and trust; therefore, both choice and the principles of learning are embedded in English 10.

Foundation: English Language Arts 9Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐**English First Peoples 11: Literary Studies and Creative Writing** (MEFLS11)

EFP 11: Literary Studies and Writing* is a course designed for students to explore and delve deeply into various diverse Indigenous texts (stories, poems, art, music, etc.) while developing their abilities to comprehend, connect, create, and communicate. Students will think critically, creatively, and reflectively with and beyond the texts to strengthen and apply their understandings to various themes and ongoing Indigenous issues. Additionally, students will engage in both independent and collaborative learning opportunities to grow in their written expression. They will use writing processes to extend and refine their writing skills and create varied, purposeful compositions. Possible themes of this course involve authentic voices and representation, truth and reconciliation, storytelling, connection to place, and identity. There is an emphasis placed on incorporating student choice/voice, making connections, and building a classroom community that practices the First Peoples Principles of Learning, which signify the values of identity, relationships, holisticness, connection to land, and Indigenous knowledges and perspectives.

This course fulfills the Indigenous-focused course requirement for graduation.*Foundation:** Creative Writing and Literary Studies 10 or English 10 equivalentGrade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

English First Peoples 11: Literary Studies & Spoken Language 11 (MELSL11)

All Language Arts classes include reading, writing, and speaking in the curriculum but this course emphasizes the development of oral communication skills. If you think that you don't like public speaking, you are afraid of it, or you think you lack skills in this area then this course is for you. You will be helped to overcome anxiety around public speaking, improving success not only in this course but in all your other courses too. Throughout the semester, you will engage with a wide range of First Peoples' literature, both fiction and non-fiction, to better understand the role colonization has played in impacting Indigenous history and literature. You will take inspiration from the ideas encountered in literature authored by Indigenous writers to write and share your own ideas and stories in preparation for engaging in **presentation pieces** such as consensus circles, debates, slam poetry, recitations, and storytelling. Spoken Language 11 EFP is grounded in the First Peoples Principles of Learning which are based on the concepts of community, shared learning, and trust.

***This course fulfills the Indigenous-focused course requirement for graduation.**

Foundation: Creative Writing and Literary Studies 10 or English 10 equivalent

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Literary Studies 11 (MLTST11)

Literary Studies 11 continues the development of language and literacy skills with greater emphasis on exploring canonical literature i.e., the most recognized and celebrated literature of various historical eras. This may include the classical period of Greek antiquity, the Middle Ages, the Renaissance, the Victorian Period and our own modern times. While using oral, written, visual, and multimodal texts to explore enduring literary themes, this course will broaden students' understanding of themselves and their world within a broader historical and cultural context. Student choice is important in English 11, as are the First Peoples Principles of Learning, which are based on the concepts of community, shared learning, and trust; therefore, both choice and the principles of learning are embedded in English 11.

Foundation: Creative Writing and Literary Studies 10 or English 10 equivalent

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

New Media 11: Journalism (MNMD-11-J)

Journalism 11/12 is a four-credit elective open to students in Grades 11-12. Students taking Journalism are responsible for producing stories and photographs for the online school newspaper, *The Catalyst*. Students will learn the major newspaper story forms including news, sports, features, editorial and opinion. They will compose news and feature photos, conduct a public opinion poll, and research, write and produce a podcast. Students will strive to produce journalism meeting professional standards and following the Canadian Press style. They will prepare questions, conduct interviews, carry out online and other forms of background research and be responsible for one or more beats (regular coverage areas) in the school. Students will also study the techniques used to present news and in so doing, learn the difference between professional, objective journalism and social media. The Journalism 11/12 classroom applies the First Peoples Principles of Learning, which are based on the concepts of community, shared learning, and trust.

****Can be taken as an elective course**

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

English Studies 12 (MENST12)

English Studies 12 is a graduation requirement course that builds on and extends students' previous learning experiences in English with a focus on comprehending and connecting (reading, listening, viewing) and creating and communicating (writing, speaking, representing). It is designed for all students and provides them with opportunities to refine their ability to communicate effectively in a variety of contexts; think critically and creatively about the uses of language; and explore texts from a variety of sources and modes that reflect diverse worldviews. As well, students will deepen their understanding of themselves and others in a changing world while gaining insight into the diverse factors that shape identity. The English Studies 12 classroom applies the First Peoples Principles of Learning, which are based on the concepts of community, shared learning, and trust.

Foundation: EFP 11, Literary Studies 11, Spoken Language 11, New Media 11 or equivalent

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Literary Studies 12 (MLTST12)

This course is an elective designed for students who are interested in exploring literature to deepen their understanding of themselves, of others, and of the world. Students will be able to examine the construction and evolution of language and consider how it can shape ideas and create influence. Additionally, students will be able to recognize how analyzing stories allows for diverse perspectives on ideas and how critically thinking about text can add to one's development as an educated and engaged citizen of society. Focused areas of study can include a variety of themes, critical approaches to literature, such as feminist literature or diasporic literature, examining culturally specific texts, from Canadian to world literature, exploring literature by era, specific author studies, or inquiry-based and thematic studies. This course is complimentary to the English Studies 12 course. The Literary Studies 12 classroom applies the First Peoples Principles of Learning, which are based on the concepts of community, shared learning, and trust.

****Please note:** this course is an elective and does not replace English Studies 12.

Foundation: EFP 11, Literary Studies 11, Spoken Language 11, New Media 11 or equivalent

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Literary Studies 12 (Fear) (MLTST12H)

"My 'fear' is my substance, and probably the best part of me" Franz Kafka

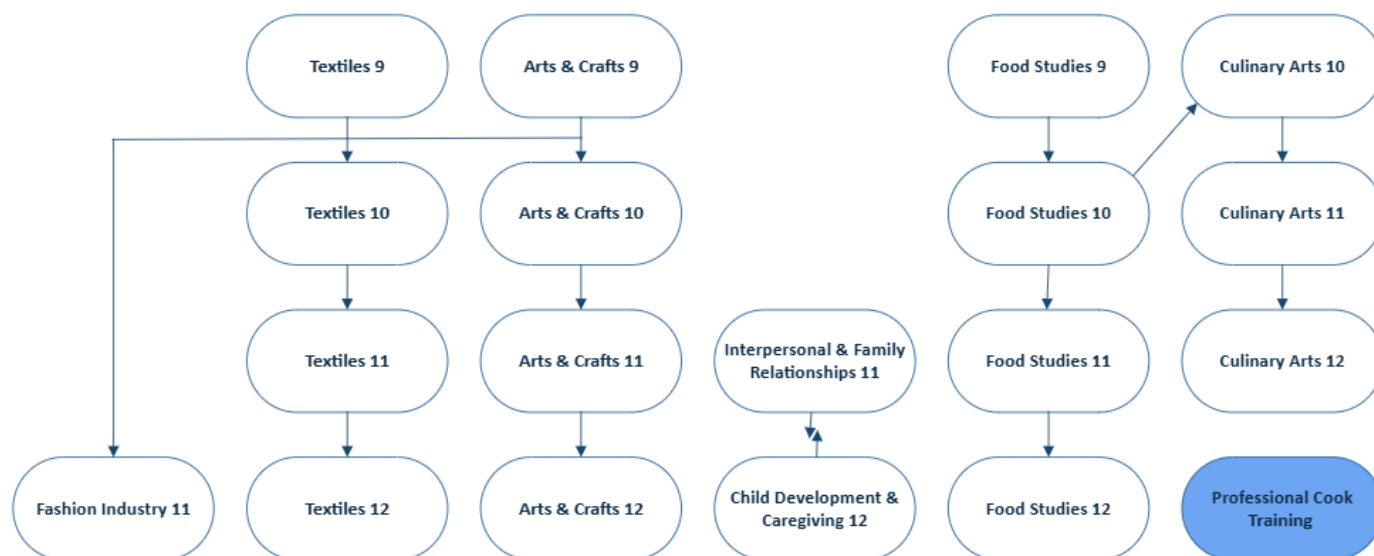
In this course, fear will be our substance. We will explore the literature of fear to deepen our understanding of this powerful emotion and its relation to ourselves, others and the world. Examine the construction and evolution of story and language in print, film, song, and visual art to explore how fear (broadly defined) can shape ideas and create influence now and in the past. Focused areas of study may include mythology; medieval and modern plague fiction; fear in indigenous storytelling and Indigenous futurism; the gothic novel and short story; fear in fairy tales, comics and graphic novels; modern horror fiction; the horror film and the social thriller; and fear in the video game genre. As well, we will also be examining these texts with respect to theoretical and philosophical approaches to fear, which may include Freud's uncanny; cognitive and evolutionary theories of fear; fear as control; manufactured fear; and attractive fear. The Literary Studies 12 classroom applies the First Peoples Principles of Learning, which are based on the concepts of community, shared learning, and trust

****Please note:** this course is an elective and does not replace English Studies 12.

Foundation: EFP 11, Literary Studies 11, Spoken Language 11, New Media 11 or equivalent

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

HOME ECONOMICS COURSES



Food Studies 10 (Beginner) (MFOOD10)

LEARN THE BASICS! In this course, you will learn to cook for yourself and your family. Food Studies 9/10 focuses on building confidence and creativity, basic food preparation skills and safe food practices. Main units will include: baking, breakfast, lunch and dinner. You will leave this class able to cook foods from all four food groups. Come prepared to tempt your taste buds with your creations!

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Food Studies 11 & 12 (Intermediate) (MFOOD11) & (MFOOD12)

FOOD SURVIVAL 101. Take this course to learn the skills you need to create easy and affordable meals – not just for now, but for when you are living on your own. Recipes will focus on practical meals and desserts and putting a twist on quick and easy foods to make them more nutritious and tastier. You will practice your new skills not only in the Foods lab, but also cooking at home.

Foundation: Culinary Arts 10 or Foods 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Culinary Arts 10/11 (MCUL-10) & (MCUL-11)

In Culinary Arts 10 and 11, students will develop the basic skills required to prepare meals from scratch. Students will be given the opportunity to work in a variety of different culinary stations in an industrial kitchen, under the direction of a Red Seal Teaching Chef. This course offers skill training for operating industrial food equipment and provides students with general knowledge of food safety and work safe procedures in a kitchen workplace. Customer service and team building skills are the focus as students prepare and serve a wide range of daily menu items to a population of over 1200 students. Students will also be given the opportunity to complete the Food Safe Level I training program during this course.

Course Enrichment cost: (recommended but not mandatory)

Food Safe Level 1 \$45.00,
Chef jacket & apron \$45.00

Foundation: Food Studies 10

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Culinary Arts 12 (MCUL-12)

Culinary Arts 12 allows students to further explore learning opportunities in the culinary kitchen. Students will develop leadership and communication skills by mentoring Culinary Arts 11 students in the kitchen. Students will also develop kitchen management skills and contribute ideas to recipe and menu development. Students will have opportunities to compete in culinary competitions, develop promotional advertising for menus, conduct food science experiments and contribute original ideas to help manage and improve the school cafeteria business. Students will be given another opportunity to take Food Safe Level 1, if they have not completed this in Culinary Arts 11.

Course Enrichment cost: (recommended but not mandatory)

Food Safe Level 1 \$45.00

Chef jacket & apron \$45.00

Foundation: Culinary Arts 11, Foods Studies 11, Food Studies 12 Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Textile Arts & Crafts 9 (XHA—09)

Learn how to make a variety of arts and crafts using textiles! Learn how to knit, crochet, and macrame! Explore felting, weaving, fabric painting, and hand embroidery projects! Learn how to sew small projects by hand and by using the sewing machine. You will also explore a variety of textiles arts and crafts related topics. This is a perfect course for beginners, no experience needed.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Textile Arts & Crafts 10 (YHEC-0A)

Learn how to make a variety of arts and crafts using textiles! Learn how to knit, crochet, and macrame! Explore felting, weaving, fabric painting, and hand embroidery projects! Learn how to sew small projects by hand and by using the sewing machine. You will also explore a variety of textiles arts and crafts related topics. This is a perfect course for beginners, no experience needed.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Textile Arts & Crafts 11/12 (YHEC-1A) & (YHEC-2A)

Learn how to make a variety of arts and crafts using textiles! Learn how to knit, crochet, and macrame! Explore felting, weaving, fabric painting, and hand embroidery projects! Learn how to sew small projects by hand and by using the sewing machine. If you have experience in these crafting areas than you will have the opportunity to create more complex projects that encourage you to learn new skills. You will also explore a variety of textiles arts and crafts related topics. Students are encouraged to have taken Textile Arts and Crafts 9 or 10; however, this course can be taken by beginners, no experience needed.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Textiles 9 & 10 (Sewing) (MADT-09) & (MTXT-10)

Learn to Sew! In Textiles 9/10 you will design and sew your own clothing! Projects include a pair of pants or a skirt, a sweatshirt or a shirt, and a sewing project of your choice. Learn how to use and make changes to sewing patterns. Learn a variety of sewing techniques using the sewing machine and serger. Learn about and work with different types of fabrics. You will explore and learn about a variety of textiles related topics. This is a perfect course for beginners, no experience needed.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Textile 11/12 (Sewing) (MTXT-11) & (MTXT-12)

Learn to sew or continue to build your sewing skills! In Textiles 11/12 you will design and create complex sewing projects. Learn how to use, make changes to, and create sewing patterns. Continue to develop your skills and knowledge by working with challenging fabrics and sewing techniques using the sewing machine and serger. Continue to explore and learn about a variety of textiles related topics. Students are encouraged to have taken Textiles 9 or 10; however, this course can be taken by beginners, no experience needed.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Fashion Industry 12 (MFIND12)

DIVE INTO THE WORLD OF FASHION! Learn about the clothing industry – from design to production, retailing and marketing. Study fashion designers from around the world and uncover their secrets to success. Topics include the history and psychology of fashion, an introduction to illustration, careers, and the fashion industry. We will learn how to stay ahead of the trends, meet with real fashion designers, design our own lines (both fashion and costume), and chat with guest speakers and visit businesses in Vancouver who are leading the way in fashion. This course would be valuable for students seeking employment in the fashion industry, those applying to post-secondary fashion programs, as well as those who have a general interest in fashion. No sewing or drawing skills required, just an open mind.

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Child Development and Caregiving 12 (2025-26) (MCDAC12)

(Alternating years with Interpersonal and Family Relationships 11)

BABIES, BOTTLES, DIAPERS, PINS, THIS IS WHERE THE FUN BEGINS! Everything you wanted to know about where babies come from! Child Development and Caregiving takes an in-depth look at parenthood, and the stages of development from conception to 12 years of age. This course provides an opportunity for hands-on projects and interactions with young children, with the possibility of volunteer hours. Students will also take care of the “Real Care Baby” (parenting simulation with computerized baby) in which they experience parenthood first-hand. Other caregiving roles will also be explored.

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

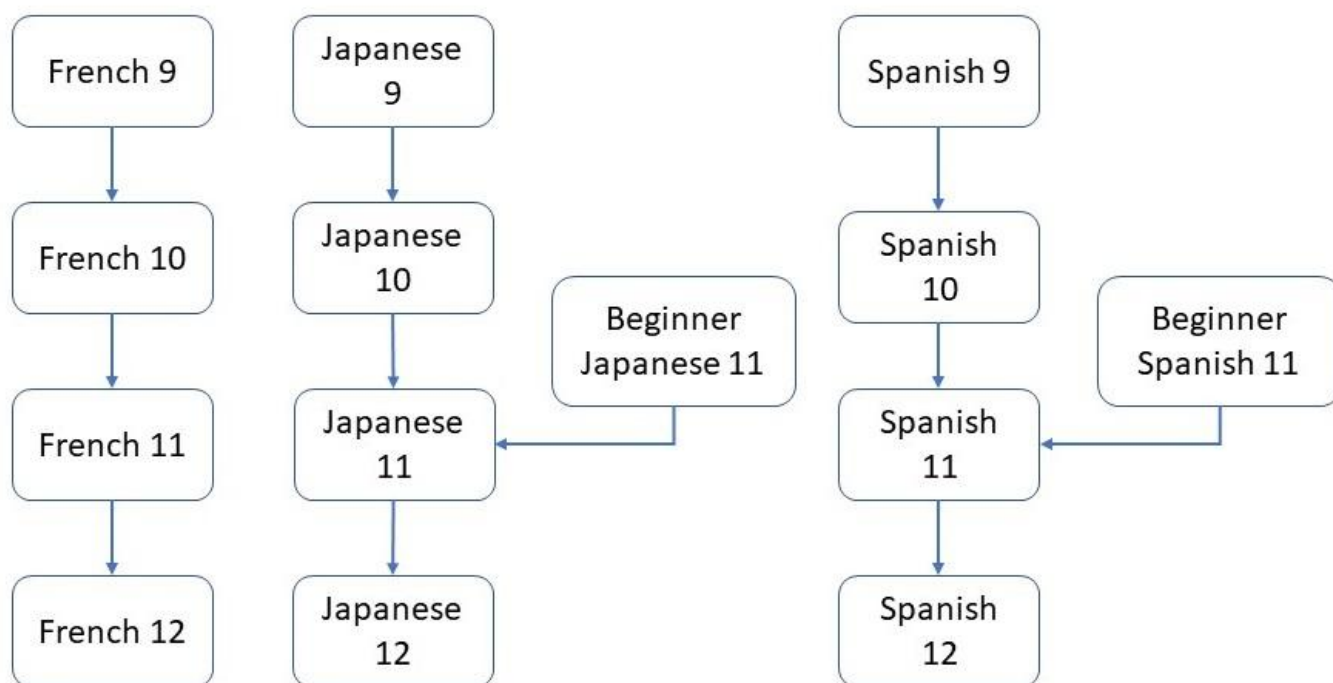
Interpersonal and Family Relationships 11 (2026-27) (MIAFR11)

(alternating years with Child Development and Caregiving 12)

IT'S ALL ABOUT YOU & US! This course offers you an opportunity to understand yourself and others better. This course explores personal growth, self-concept, relationships, sexuality, lifestyle choices, and communication. We will be discussing many sensitive topics, ones that you may not have the opportunity to discuss with other adults. We work hard on forming a safe community within our classroom, so students feel comfortable asking those difficult questions. Participation in class discussions, reflective journal writing, Community Give Back projects and guest speakers are key to helping you become a happier, healthier, and successful individual.

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

LANGUAGES COURSES



French 9 (MFR--09)

French 9 is an introductory course that aims to develop speaking, reading, listening, and writing skills needed to understand and communicate at a basic level. This course encourages students' active participation in acquiring a basic functional level of both spoken and written French. It is also designed to make students aware of and appreciate francophone culture. By the end of French 9, students should be able to begin to identify tenses and to use appropriate French expressions for a variety of oral and written tasks.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☐

French 10 (MFR--10)

French 10 teaches students to build on previous knowledge. Students will learn to communicate needs, desires, and emotions, and describe events and experiences in logical progression. They will develop a range of language-learning strategies to assist in comprehension and expression. Various aspects of francophone culture will be explored. The emphasis will be on communication, both written and spoken.

Foundation: French 9

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☐

French 11 (MFR--11)

The goal of this course is to teach students to communicate in French. Through practice in French communication, students will also gain insight into the culture in the francophone world. Students will be actively engaged in the practical use of language through conversation, writing, and media. Grammar will be taught to clarify and enhance communication skills. Evaluation will be based on reading, writing, listening, and speaking.

Foundation: French 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

French 12 (MFR--12)

This course offers an excellent opportunity to develop a feeling for the idiom of the language in all aspects: conversation, literature, grammar, and writing. There is an emphasis on French and French Canadian cultural expression and the satisfaction derived from an advanced appreciation of a second language.

Foundation: French 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Japanese 9 (MJA--09)

This introductory course is designed for students with little to no prior knowledge of Japanese. Students will learn the basics of the Japanese language, including pronunciation, basic grammar, and essential vocabulary.

Students will learn to read and write Hiragana, basic Kanji, and have simple conversations. The course also introduces students to Japanese culture, customs, and traditions.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Japanese 10 (MJA--10)

Japanese 10 builds on the foundation established in Japanese 9 with a focus on student's ability to communicate in Japanese. This course aims to enhance students' proficiency in the Japanese language, focusing on more complex grammatical structures and expanding vocabulary. We will learn the second alphabet Katakana and even more kanji! Students will also delve deeper into Japanese culture and contemporary society.

Foundation: Japanese 9

Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Japanese 11 (Introductory) (MBJA-11)

In this accelerated course, students will learn Hiragana, Katakana, and Kanji. This intensive course introduces the elements of Japanese 9 and 10 in one semester. Students will develop their communication skills in Japanese in various situations.

Foundation: This course is intended for students making a (grade 11) entry into a second language program.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Japanese 11 (MJA--11)

Japanese 11 is designed for students who have successfully completed Japanese 10 or Japanese 11 (Introductory). This course focuses on advancing language skills like reading, speaking, listening, and writing. Students are expected to be fluent in Hiragana and Katakana, and basic kanji. Students will be able to explore more sophisticated aspects of Japanese culture and history.

Foundation: Japanese 10 or Japanese 11 (Intro).

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Japanese 12 (MJA--12)

Japanese 12 is the culmination of the high school Japanese language program. This course aims to refine students' language skills to a high level of proficiency. Students will engage in advanced language practice and explore contemporary issues in Japanese society.

Foundation: Japanese 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Spanish 9 (MSP--09)

Spanish 9 is an introductory course that aims to develop speaking, reading, listening and writing skills needed to understand and communicate at a basic level. This course is also designed to make students aware of and appreciate various Hispanic cultures and customs.

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Spanish 10 (MSP--10)

Spanish 10 is a continuation of Spanish 9. This course aims to further develop speaking, reading, listening and writing skills to an intermediate level. The course continues to explore the customs and traditions of the Hispanic world.

Foundation: Spanish 9

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☐

Spanish 11 (Introductory) (MBSP-11)

This course provides practice in all four basic language skills: listening, speaking, reading, and writing. Each activity revolves around a theme - school, family, sports, shopping, travel, etc. The material presented on each theme is practical and useful. Students will be able to make use of the vocabulary and cultural information if travelling or living in a Spanish-speaking country.

Foundation: This course is intended for students making a grade 11 entry into a second language program.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Spanish 11 (MSP--11)

This course extends the vocabulary and structures learned in Spanish 10 or Spanish 11 (Introductory). The majority of the activities in this course have a youth-related theme (e.g. hobbies, careers, relationships). Emphasis is on high-frequency words and expressions of contemporary spoken Spanish, supported by grammar to ensure students become accurately proficient. Hispanic culture will be studied and discussed during the course.

Foundation: Spanish 10 or Spanish 11 (Intro)

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Spanish 12 (MSP--12)

This course enables students to appreciate more fully the richness of the Spanish language and culture through the use of a wide variety of learning activities (e.g. spontaneous conversation, original dialogue, group discussions, writing, and study of Spanish texts and literature). Daily grammar and vocabulary exercises will enhance students' ability to successfully carry out learning activities. Hispanic culture will be an integral part of the course.

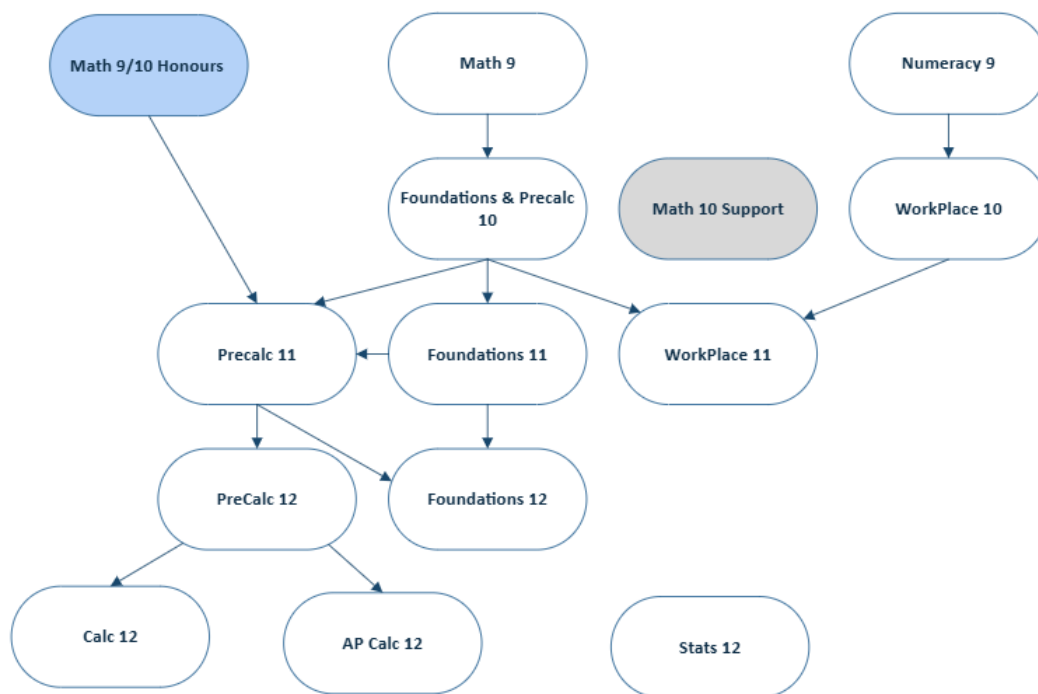
Foundation: Spanish 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

MATHEMATICS COURSES

Selecting the appropriate math course is an important decision during your time at Centennial. The following information is provided to guide you in navigating our Math offerings.

- ❖ Please research which math courses and minimum marks are required for any post-secondary plans. Each institution and program may have different math requirements.
Important: Not all post-secondary programs prefer Pre-Calculus Mathematics.
- ❖ It is strongly recommended that you have a 70%o above level standing in the previous Pre-Calculus course to succeed in the next level.
- ❖ Recommendations from teachers will be noted on Report Cards at the end of the course. This, along with consultation with your counsellor, will help ensure you select an appropriate level every year.



Numeracy 9 (MMA-09A)

Numeracy 9 is a mathematics option for students who have had significant challenges with middle school level math. The course works to develop basic skills with whole numbers, integers, fractions, and real-world problems. Upon completion of Numeracy 9, students are prepared to enter directly into Math 10 Workplace while students who achieve proficiency with integers, fractions, algebra, and graphing may choose to take Math 9. Students who need extra support with basic math skills but would like to complete a university prep mathematics sequence (Foundations or Pre-Calculus) should register for both Numeracy 9 and Math 9.

Foundation: "Emerging" in Math 8

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Math 9 (MMA--09)

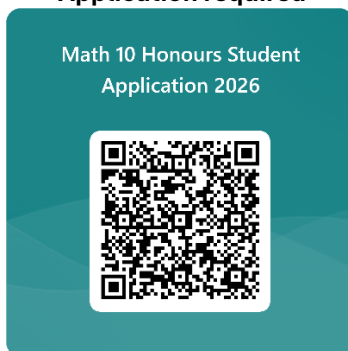
This course is designed to consolidate and extend topics introduced in the middle school years. Topics include operations with rational numbers, exponents, algebra, linear relations, financial planning, and statistics. At the end of this course, students will be prepared for Foundations of Mathematics and Pre-Calculus 10 OR Workplace Mathematics 10. A Math 9 called "Numeracy 9" exists in our school. This course is designed for students who have been identified by their teachers as needing support with middle school mathematics and are not yet prepared to begin regular Math 9. From Numeracy 9 a student can continue to Workplace Math 10 OR choose to work through Math 9 to become ready for Math 10 Foundations and Pre-Calculus.

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Math 10 Honours (by applications only)

This is a course designed for middle school students who have demonstrated the ability and desire to participate in an accelerated program of studies in Mathematics. A separate application form and recommendation from the Math 8 teacher is required. Students are enrolled directly in Pre-Calculus 10 and are expected to thoroughly understand the Math 9 curriculum upon entering the course.

*** Application required***



Foundation: "Extending" in Math 8

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Workplace Mathematics 10 (MWPM-10)

This option is designed to provide students with the mathematical understanding and critical-thinking skills identified for entry into most trades, some colleges, and for direct entry into the work force. Topics include measures of central tendency, unit conversions, measurements of 2-D and 3-D objects, trigonometry, creating and analyzing graphs, probability, and financial literacy. At the end of this course, students are prepared for Workplace Math 11.

Foundation: Math 9 or Numeracy 9

Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Foundations of Mathematics & Pre-Calculus 10 (MFMP-10)

This option is designed to provide students with the mathematical understanding and critical-thinking skills identified for post-secondary academic studies at colleges and universities. Topics include applying trigonometric ratios to right triangles, irrational numbers, powers involving integral and rational exponents, polynomials, linear relations, systems of linear equations, function notation and gross and net pay. At the end of the course, students are prepared for either Workplace Math 11, Foundations of Mathematics 11, or Pre-Calculus 11.

Foundation: Math 9 (developing or higher)

Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Workplace Mathematics 11 (MWPM-11)

This course is designed to provide students with the opportunity to learn and practice practical math and problem-solving skills that will help them be successful in their future employment and their personal life. This course is designed for students who plan to either go into the trades or directly into the work force. Topics include measurement, probability, data analysis, finance, ratio and scale.

Foundation: Workplace Math 10 or Foundations & Pre-Calculus Math 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☐

Foundations of Mathematics 11 (MFOM-11)

This course is designed to provide students with the mathematical understanding and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. This might include the Humanities, Fine Arts, some Trades and Technical programs. The course will include such topics as measurement, relations and functions, geometry, statistics and logical reasoning.

Foundation: Foundations & Pre-Calculus Math 10 with 60% or higher recommended

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Pre-Calculus Mathematics 11 (MPREC11)

This course is designed to provide students with the mathematical understanding and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. These might include Mathematics, Sciences, Engineering, and Commerce. The course will include radical and rational equations, quadratic functions and equations, trigonometry of non-right triangles, compound interest, investments, and loans.

Foundation: Foundations & Pre-Calculus Math 10 with 70% or higher recommended

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Foundations of Mathematics 12 (MFOM-12)

This course is designed to provide students with the mathematical understanding and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. This might include the Humanities, Fine Arts, some Trades and Technical programs. Topics include financial mathematics, logic with numbers, set theory, probability, combinatorics, relations and functions.

Foundation: Foundations of Math 11 with 70% or higher or Pre-Calculus 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Pre-Calculus 12 (MPREC-12)

This course completes the Pre-Calculus sequence of mathematics and covers mathematical theory and competencies crucial for theoretical calculus. It is required for entry into many university-level programs including mathematics, sciences, engineering, economics, and business. Topics include analysis and transformations of relations and functions (exponential & logarithmic, polynomial, radical, rational, and trigonometric), sequences and series, logarithms, trigonometric identities and equations. This course requires fluency with algebraic manipulation and graphing.

Foundation: Pre-Calculus 11 with 70% or higher strongly recommended

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Calculus 12 (MCALC12)

This course is designed for students with well-developed mathematical skills who plan to take calculus at a post-secondary institution. The main topics are functions, limits, continuity, derivative rules, curve sketching, related-rates problems, maximum-minimum problems, integrals, areas, and volumes by integration. Exposure to calculus in secondary school is strongly recommended for all students planning to study sciences, applied sciences, or business in university, as it is highly correlated with success in university calculus classes.

Foundation: Precalculus 12 with 70% or higher recommended

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Advanced Placement Calculus 12 (ACAL-12)

This course, in combination with Calculus 12, comprises the majority of the first year of university-level calculus. Students will review and extend their knowledge of algebra, geometry, trigonometry, calculus, and other areas as appropriate in preparation for the AP exam in May. Topics include differentiation, integration, and other calculus topics in theory and as applied to contextual problems. This course runs in the spring semester, and students should begin the course with a basic understanding of crucial calculus concepts such as limits, derivatives, and integrals.

Foundation: Calculus 12 OR Pre-Calculus 12 with 95% or higher and recommendation of teacher

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Statistics 12 (MSTAT12)

Statistics 12 provides an introduction to statistical concepts and ways of thinking. Students will explore the role of statistical thinking in research, observational and experimental studies, graphical and numerical representations of variation, association between two variables, and inferential concepts such as confidence intervals and hypothesis tests. Successful completion of this course will position students for success in university-level statistics. Highly recommended for students interested in studying Psychology, Sociology, Economics, Education, or Sciences at a post-secondary institution.

Foundation: Pre-Calculus 11 or Foundations of Mathematics 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

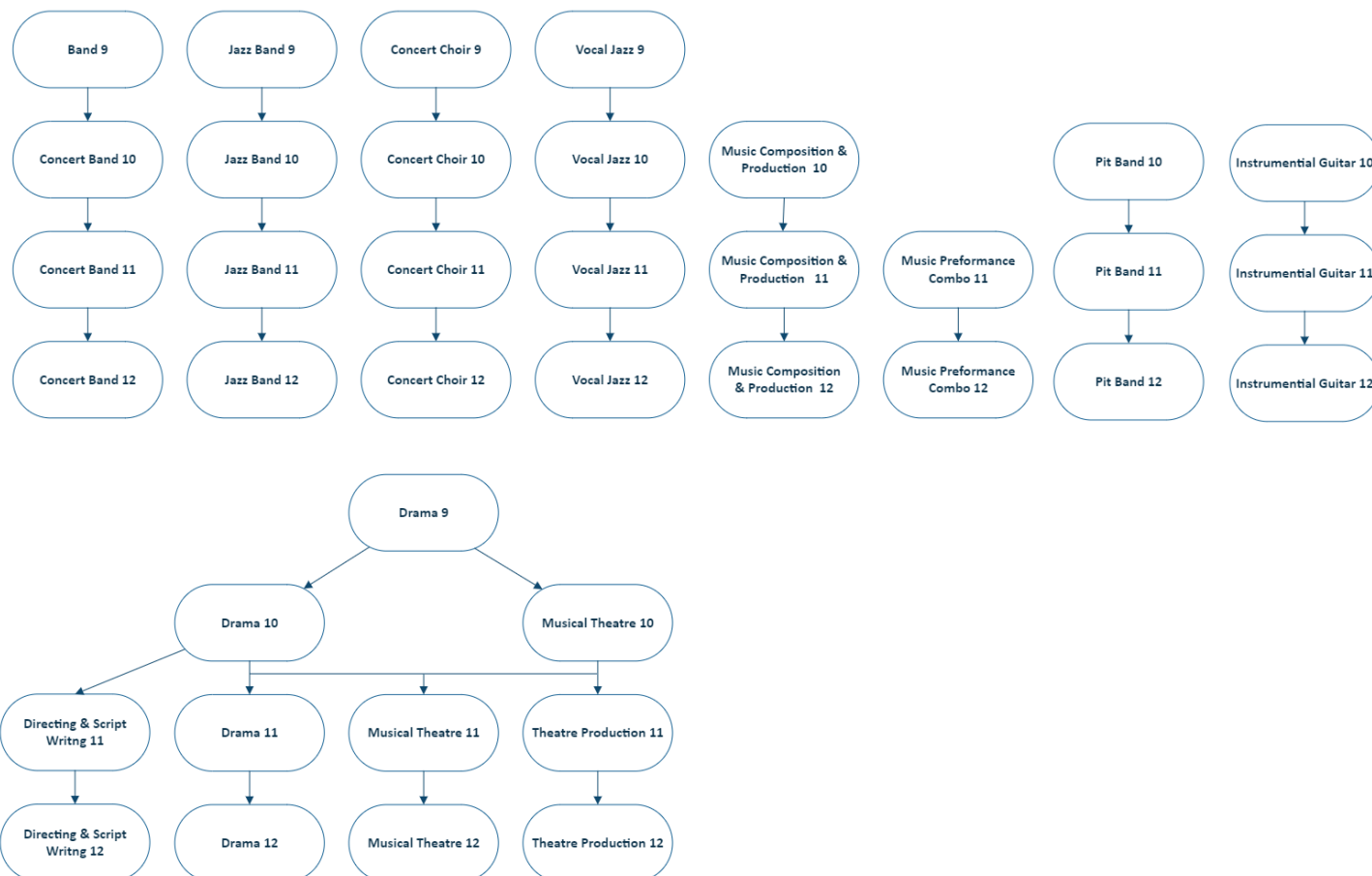
Math 10 Support

This course is designed to provide students with a review of basic skills and an introduction to the Foundations and Pre-Calculus Math 10 course. Topics include Rational Numbers and Linear Equations, Exponents and Radicals, Polynomials and Factoring, and Graphing. This course is a half-block non-credit course that is offered in Block 0 from 8:25-8:55 for the entire year. The first semester would focus on building their skills from grade 9 and the second semester would support them as they are actively taking the course. All enrolling students would be taking Foundations and Pre-Calculus Math 10 course in the second semester.

Foundation: Math 9 developing and a teacher recommendation.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

PERFORMING ARTS COURSES



Drama 9 (MDR-09)

This introductory course helps students develop theatre & communication skills, creativity, and get them comfortable performing on stage. Students explore activities/topics including movement, improvisation, theatre games, short skits, scene acting and scene building. The course will help boost confidence and people skills, and introduce students to performing for a film or theatre audience.

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Drama 10 (MDRM-10)

Drama 10 provides students an opportunity to explore and create dramatic scenes and characters and to learn and practice the interpersonal skills encompassing the work of the actor. Through the exploration of dramatic scripts, students will learn and practice acting techniques. Student imagination and creativity will also be developed through improvisation and theatre games. The course will help boost confidence and people skills, and prepare students to perform for a film or theatre audience.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Drama 11 (MDRM-11)

This course is designed to develop formal acting skills and to provide extensive experience in presenting scripted material, including award winning plays. Students develop creativity and communication skills through theatre games, script and character analysis; and creating, coaching, and rehearsing, with presentations. Through the exploration of various dramatic scripts, students will learn and practice the techniques of the actor, and understand the psychology of the characters they play, as they reflect real social issues in the world. The focus is on living truthfully in imaginary circumstances. This course will help boost confidence and people skills, and prepare students to perform effectively for film and theatre audiences.

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Drama 12 (MDRM-12)

Building on the knowledge and experience gained in Drama, this advanced theatre course is for the motivated acting student interested in honing their performance skills for theatre or film. Through work on dramatic scripts, including award winning plays, students engage in script analysis and learn to both develop physical and behavioural interpretations of characters, and to find and play themselves in different characters' circumstances. This course will help boost confidence and people skills, and prepare students to perform effectively for film and theatre audiences.

Foundation: Drama 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Directing & Script Development 11/12 (MDRDS11 / MDRDS12)

Students with a creative flair and keen interest in theatre, combined with above average writing skills will enjoy this writing and directing course. Writing plays for the stage and then directing them with grade 9's is the major focus of this course. Students are admitted with the teacher's permission.

Foundation: Drama 10 is recommended.

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Musical Theatre 10/11/12 (MMUTH10/11/12)

Students will practice and polish singing, acting, and dancing skills by participating and collaborating in the rehearsal and performance of a large-scale musical production. Students will study personal and social responsibility associated with creating, performing, and responding to musical theatre, as well as take creative risks to express ideas, meaning and emotions. Students will reflect on aesthetic experiences and how they relate to a specific place, time, and context. Centennial has a long history of producing high quality musicals for the school and community. This course is designed for the serious actor, singer, or dancer with a passion for the Broadway genre and REQUIRES extensive after school rehearsal in addition to in-class work.

Foundation: None for grade 10, 11 and 12 students; permission of the instructor for Grade 9.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Theatre Production 11 (MDRTP11)

This course REQUIRES some after school hours in addition to in-class work. Students must be willing to attend after-school rehearsals several days per week in December and January. Students must attend all 6 evening performances in February as they are the tech and stage crew for our major Musical Theatre production. It will appeal to those students who have an interest in learning set building skills for theatre and stage management, and students with artistic abilities for painting/prop design/costuming. It offers training in the technical craft of effective presentation of theatre, focusing primarily on construction of scenery sets and some props. Some students will work on sound and lighting design.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Theatre Production 12: Technical Theatre (MDRTP12)

This course **REQUIRES** extensive after school hours in addition to in-class work and will continue to build on the skills learned in Theatre Production 11. Students must be willing to attend after-school rehearsals several days per week in December and January; as well, students must attend all 6 evening performances in February as they are the crew for our major Musical Theatre production. It will appeal to those students who want to explore set construction, painting, costuming, light/sound design as well as those running lights/sound during production.

Foundation: Theatre Production 11 or permission of the instructor.

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Musical Theatre: Pit Band 10/11/12 (MMUOP10/11/12)

Through participation in the rehearsal, production, and performance of a Broadway musical, students will practice the inner workings of being a professional pit musician. This course is designed for the serious instrumentalist with a passion for the Broadway genre and **REQUIRES** extensive after school rehearsals in addition to in-class work. Students must be willing to attend after-school rehearsals several days per week from September-February and **DAILY** rehearsals in January; as well, students must attend all 6 evening performances in February as they are the Pit Orchestra for our major Musical Theatre production.

Foundation: None for grade 10, 11 and 12 students; permission of the instructors for grade 9.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Instrumental Music: Guitar 10 (MMUGT10)

If you are new to guitar or have some experience with guitar, this course will give you the basics and more! Beginner guitar will teach you to play open position chords, strumming patterns, finger style guitar, barre chords, riffs and notation reading (chord boxes, tablature and music notation). The course would cover a wide variety of songs with the emphasis on collecting a repertoire of songs that students can play.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Instrumental Music: Guitar 11/12 (MIMG-11 / MIMG-12)

This would pick up where the beginner course left off. If you have completed beginner guitar, or you have been playing guitar for a few years, this is the guitar class for you. Some of the topics covered would be scales for improvising and developing solos. Playing as an ensemble with other guitar players, exploring common guitar styles i.e. r and b, blues, funk, and pop guitar. Song form would be studied and students would compose solos for guitar.

Foundation: Guitar 10 or Guitar Experience

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Music Composition & Production 10 (MMUCM10)

No previous training in music is required although some basic knowledge of recording software OR music theory is beneficial. This course starts with any skills students already have with computers or with music (including voice) and develops their ability to compose music and improve their knowledge of computers and audio recording equipment. Using both traditional methods and contemporary audio/digital equipment, students will have opportunities to design, create and record music. In addition, students will learn about song form and basic music theory elements to assist in composition. A variety of genres will be covered (folk, pop, rock etc.)

Grade 9 ☒ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Music Composition & Production 11 (MMUCP11)

This course starts with any skills students may have with computers or with music (including voice) and develops their ability to compose music and improve their knowledge of computers and audio recording equipment. Using both traditional methods and contemporary audio/digital equipment, students will have opportunities to design, create and record music that reflects their individuality. In addition, students will learn about and/or further enhance their knowledge of song form and how to compose with a guitar. A variety of guitar genres will be covered (folk, pop, rock etc.)

Foundation: Music Composition & Production 10

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Music Composition & Production 12 (MMUCP12)

This course starts where students finish in Music Composition and Technology 11. As well as dealing with the curricular work, students will have more individual time to produce works that demonstrate their skill as a composer, performer and/or technician. In addition, students will enhance their understanding and knowledge of song form and guitar composition by exploring a variety of genres.

Foundation: Music Composition & Production 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Music Performance Combo (Contemporary Music) 11/12 (MMUCM11) & (MMUCM 12)

This course is designed to provide the skills and prepare you for pursuing music either professionally or as a musician arranging music within a group context. This innovative course provides instruction on how to play in a range of groups: jazz combos, modern pop, rock, etc. It is for ALL MUSICIANS who already know how to play or sing but need help in putting it all together. The course covers rehearsal techniques, professional behaviours, and how to develop repertoire as a group. It includes how to organize and perform at concerts and dances, as well as how to work and prepare for recording digital audio formats. There will be extensive instruction on marketing yourself in the real world of music and/or related fields: i.e., promotion; making contacts; understanding contracts, royalties and dealing with agents; professionalism; how to create a 'gig' as well as professional networking. This is a 'must-take' course should you want to pursue music as a professional or amateur musician.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Music 9: Band (MMU-09)

Whether you are new to band or already play an instrument, this course is a great choice. Develop your instrumental skills and have fun by being part of a strong group. Band 9 students work to become better musicians by performing and touring. Some of the events and activities music students will participate in throughout the school year will include performances at school and in the community, a music camp and a spring performance tour. Band 9 is an alternate day course running all year. Students are expected to attend all Band activities as part of the requirements of this course.

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Instrumental Music 10: Concert Band (MMUCB10)

Keep building your skills as a musician in Band 10. Students will explore concepts in music through various listening, creative and performing activities using a concert band instrument. Quality performance is stressed with our busy but fun schedule of concerts, district events and festivals. Previous experience on a concert band instrument is expected. Band 10 is an alternate day course running all year. Students are expected to attend all Band activities as part of the requirements of this course.

Foundation: Music 9 Concert Band or permission of the director

Grade 9 ☒ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Instrumental Music 11: Concert Band (MIMCB11)

Continue your musical development while exploring concepts in music through various listening, creating, and performing activities. Students should have previous experience on a concert band instrument. Quality performance is stressed with our busy but fun schedule of concerts, district events, and festivals. This alternate day course runs all year.

Foundation: Music 10: Concert Band or permission of the director.

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Instrumental Music 12: Concert Band (MIMCB12)

Continue your musical development while taking on an increased leadership role in the Music Department. There will be more emphasis on solo playing and acting as section leaders. Students are expected to attend all Band activities as part of the requirements of this course. Students are expected to have previous experience on a concert band instrument. This alternate day course runs all year.

Foundation: Music 11: Concert Band or permission of the director

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

**Students interested in Jazz Band must be able to demonstrate proficiency in playing their instrument.
Please meet with the Music Teacher to discuss**

Music 9: Jazz Band (MMU--09RA)

If you like swing, funk, Latin and rock, this is the place for you! This course will run in conjunction with Band, fitting easily into your timetable as an extra course in the same block. Students who wish to be included must also register for Music 9: Concert Band. Jazz Band is an opportunity to take your skills to the next level. Those who take Jazz Band also have the opportunity to learn trumpet, trombone, saxophone or any of the rhythm section instruments.

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Instrumental Music 10: Jazz Band (MMUJB10)

If you like swing, funk, Latin and rock, this is the place for you! This course will run in conjunction with Band, fitting easily into your timetable as an extra course in the same block. Students who wish to be included must also register for Music 10: Concert Band. Those who play another instrument in Band are welcome to learn trumpet, trombone, saxophone or any of the rhythm section instruments in this course.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Instrumental Music 11: Jazz Band (MIMJB11)

This course will run in conjunction with Music 11: Concert Band, fitting easily into student timetables as an extra course in the same block. Students who wish to be included must register for Music 11: Concert Band.

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Instrumental Music 12: Jazz Band (MIMJB12)

This course will run in conjunction with Music 12: Concert Band, fitting easily into student timetables as an extra course in the same block. Students who wish to be included must register for Music 12: Concert Band.

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Music 9: Concert Choir (XLDCH09)

Whether you are new to choir or have sung in choirs before, this course is a great choice. Develop your vocal skills and have fun by being part of a strong group. Choir 9 students become better musicians by performing and touring. Some of the events and activities music student will participate in throughout the year will include performances at school and in the community, a music camp and a spring performance tour. Choir 9 is an alternate day course running all year. Students are expected to attend all Choir activities as part of the requirements of this course. Please contact the music directors if you have questions.

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Choral Music 10 (MMUCC10)

Join the tradition of fine music making at Centennial! Students will learn about music while participating in activities that improve their confidence and vocal skills. With steady effort, they will increase their ability to read music and expand their range. Both beginning and experienced students are welcome. Choir 10 is an alternate day course running all year. Students are expected to attend all Choir activities as part of the requirements of this course. This is an alternate day course running all year.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Choral Music 11: Concert Choir (MCMCC11)

Continue the tradition of fine music making at Centennial. Students will learn about music while participating in activities that improve confidence and vocal skills. Quality performance is stressed with a busy but fun schedule of concerts, district events, and festivals. Students are expected to attend all Choir activities as part of the requirements of this course. This alternate day course runs all year.

Foundation: Music 10: Concert Choir or permission

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Choral Music 12: Concert Choir (MCMCC12)

Be a leader in this refined vocal ensemble at Centennial. Students will continue to learn about music while participating in activities that improve confidence and vocal skills. Quality performance is stressed with our busy but fun schedule of concerts, district events, and festivals. Students are expected to attend all Choir activities as part of the requirements of this course. This alternate day course runs all year.

Foundation: Music 11: Concert Choir or permission

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

**Students interested in Vocal Jazz must be enrolled in the corresponding Concert Choir
and new students will audition in September**

Music 9: Vocal Jazz (XC---09VJ)

This course will provide experience in the exciting field of vocal jazz! Develop style, microphone technique, and staging awareness while performing exciting and fun music. This course is open by audition only and will run in conjunction with Choir 9, fitting easily into your timetable as an extra course in the same block. Auditions will take place in September, for information on auditions head over to the choir room for the audition package. Interested students must be enrolled in the corresponding level of Concert Choir.

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Choral Music 10: Vocal Jazz (MMUVJ10)

This course will provide experience in the exciting field of vocal jazz! Develop style, microphone technique, and staging awareness while performing exciting and fun music. This course is open by audition only and will run in conjunction with Choir 10, fitting easily into your timetable as an extra course in the same block. Auditions will take place in September, for information on auditions head over to the choir room for the audition package. Interested students must be enrolled in the corresponding level of Concert Choir.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Choral Music 11: Vocal Jazz (MCMJV11)

This course will explore the exciting genre of Vocal Jazz. Develop the vocal jazz style, microphone technique, and staging awareness while performing challenging jazz harmonies. This course is open by audition only and will run in conjunction with Choir 11, fitting easily into student timetables as an extra course in the same block. Auditions will take place in September, for information on auditions head over to the choir room for the audition package. Interested students must be enrolled in the corresponding level of Concert Choir.

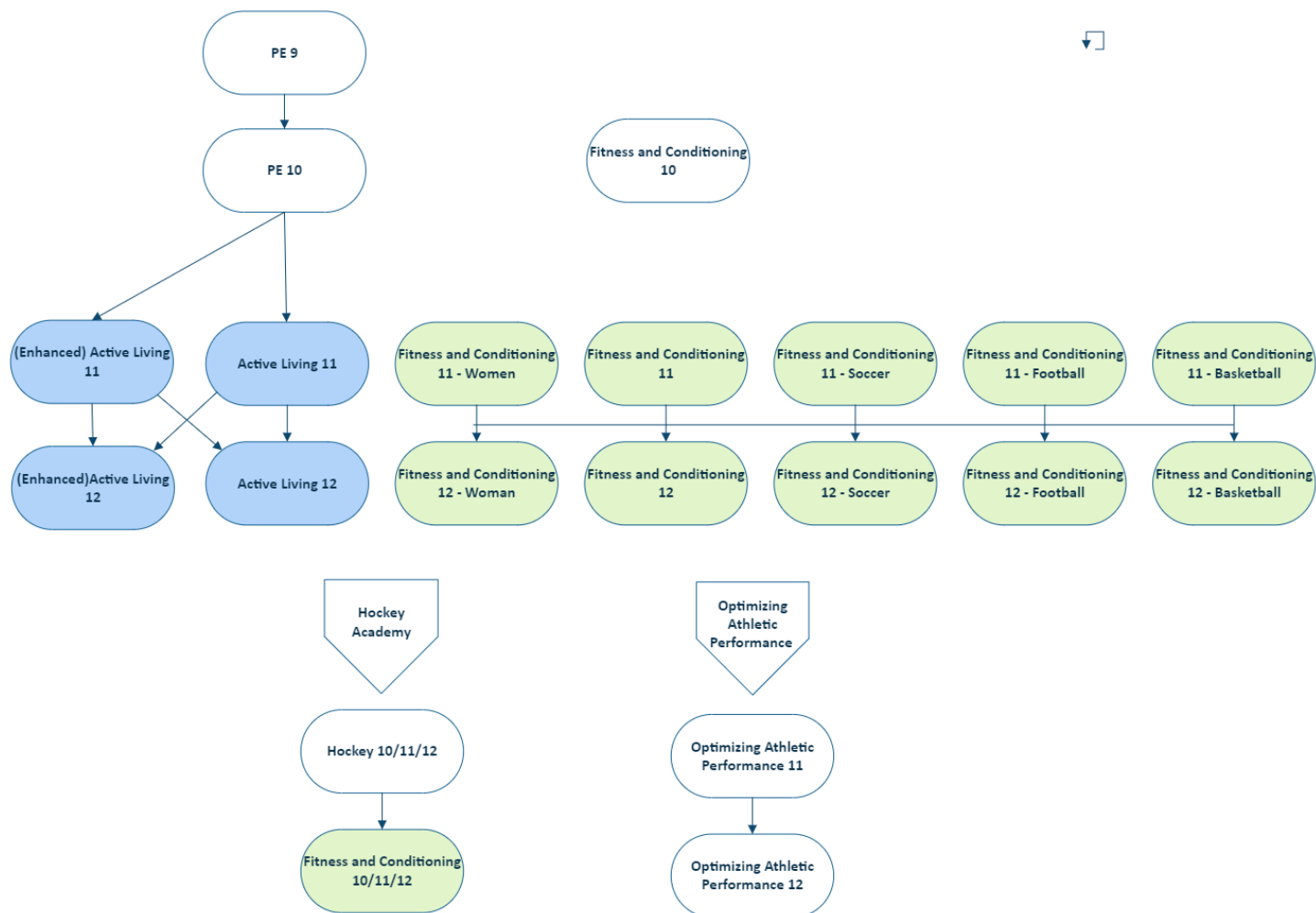
Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Choral Music 12: Vocal Jazz (MCMJV12)

This course will explore the exciting genre of Vocal Jazz. Develop the vocal jazz style, microphone technique, and staging awareness while performing challenging jazz harmonies. More emphasis will be placed on soloing and improvisation. This course is open by audition only and will run in conjunction with Music 12: Concert Choir, fitting easily into student timetables as an extra course in the same block. Auditions will take place in September, for information on auditions heads over to the choir room for the audition package. Interested students must be enrolled in the corresponding level of Choir.

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

PHYSICAL AND HEALTH EDUCATION COURSES



****Students can only earn credit for a course once within that specific course name and number - For example, Active Living is the same credit as all Active Living courses and all Fitness and Conditioning courses are the same credit for each grade level.

Physical and Health Education 9 (MPHE-09)

The aim of Physical Health Education 9 is to enable all students to develop knowledge, movement skills, and positive attitudes and behaviors that contribute to a healthy, active lifestyle. The students will have the opportunity to:

- Participate in, and experience, a variety of performance and leisure-oriented activities.
- Develop positive attitudes towards physical activities.
- Be able to develop positive personal and social health-related behaviors, and work cooperatively in group activities.
- Acquire skills and knowledge necessary to develop an active and healthy lifestyle.
- Activities will include a selection of team games, individual and dual activities, dance, and minor games

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Physical and Health Education 10 (MPHED10)

The aim of Physical & Health Education 10 is to enable all students to develop knowledge, movement skills, and positive attitudes and behaviors that contribute to a healthy, active lifestyle. The students will have the opportunity to:

- Participate in, and experience, a variety of performance and leisure-oriented activities.
- Develop positive attitudes towards physical activities.
- Be able to develop positive personal and social health-related behaviours, and work cooperatively in group activities.
- Acquire skills and knowledge necessary to develop an active and healthy lifestyle.
- Learn how healthy choices influence, and are influenced by, our physical, emotional, and mental well-being.
- Activities will include a selection of team games, individual and dual activities, dance, and minor games.

Foundation: Physical and Health Education 9

Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Active Living 11 & 12 (Regular) (MACLV11) & (MACLV12)

In this course, students will be participating in a variety of sports and physical activities. In addition, there will be some health-related content that may be delivered in a classroom setting. This class will include the use of regular PHE facilities on a regular basis.

Students will be working towards being able to do the following:

- Demonstrate appropriate movement skills for a variety of physical activities and environments
- Develop and demonstrate strategies to effectively participate in a variety of physical activities
- Apply methods of monitoring and adjusting exertion levels in physical activity
- Describe the impact of various types of physical activities on health and mental well-being
- Plan ways to overcome potential barriers to participation in physical activities
- Explain how developing competencies in physical activities can increase confidence and encourage lifelong participation in physical activities
- Explain the importance of resilience in maintaining personal health

** This course offers up to three field trips; therefore, there will be a minimal course fee attached to this class.

Foundation: Physical and Health Education 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Active Living (Enhanced) 11 & 12 (MACLV11CC) & (MACLV12CC)

In this course, students will be participating in a variety of sports and physical activities. In addition, there will be some health-related content that may be delivered in a classroom setting. This class will include the use of regular PHE and community facilities on a regular basis.

Students will be working towards being able to do the following:

- Demonstrate appropriate movement skills for a variety of physical activities and environments
- Develop and demonstrate strategies to effectively participate in a variety of physical activities
- Apply methods of monitoring and adjusting exertion levels in physical activity
- Describe the impact of various types of physical activities on health and mental well-being
- Plan ways to overcome potential barriers to participation in physical activities
- Explain how developing competencies in physical activities can increase confidence and encourage lifelong participation in physical activities
- Explain the importance of resilience in maintaining personal health

There is a course fee associated with this class. This will pay for the enriched experienced (field trips) that are listed below.

Field Trips are an important part of the course; a course enrichment fee will be charged for these trips which typically include a selection of Rock Climbing, Trampoline Park, Bowling, Skating, Lazer Tag, Billiards, among others.

Foundation: Physical and Health Education 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Fitness and Conditioning 10 (YLRA-0A)

Fitness and Conditioning 10 is an introductory athletic training class. Students will focus on learning functional movement sequences and proper training techniques. Emphasis is placed on safety and progressively increasing strength safely through a variety of training methods. Plyometrics, interval training, running, and weight training will all be utilized. All students welcome!

** This course does not replace PHED10 as a graduation credit

Foundation: Physical and Health Education 9

Grade 9 ☒ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Fitness and Conditioning 11/12 (MFTCD11) & (MFTCD12)

Fit your weight training routine into your daily schedule and get credit for it. This course is for beginners and experienced weight-trainers, and is a great opportunity to improve your overall fitness level through weight training. You will learn about muscle physiology and anatomy, as well as do a broad range of programs working on muscular endurance and strength. This is a good opportunity to use class time to improve your body for the activities in your life. The Fitness 12 is for those who have successfully completed the Fitness 11 course and emphasizes developing a personal fitness program while focusing on safety, warm-ups, basic procedures, nutrition and advanced training programs and principles.

Foundation: Physical and Health Education 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Fitness and Conditioning 11/12: Basketball (MFTCD11-BB) & (MFTCD12 -BB)

This class is designed for dedicated student-athletes who want to participate in 90+ hours of intense on court basketball instruction to augment their training and help participants achieve their individual goals. The majority of class time is spent focused on individual skill development and offensive/defensive concepts as well as sport specific fitness and theory. The period 0 class happens before school and runs on a linear schedule starting at 7:30 AM four days a week from September to November and April to June. All genders welcome!

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Fitness and Conditioning 11/12: Football (MFTCD11-FB) & (MFTCD12-FB)

This course is designed for athletes who wish to develop sport specific fitness and skills. Students will focus on a wide variety of advanced conditioning programs such as plyometrics, interval training, running, and weight training as they relate to football. Specific physical components of the course will include speed, agility, weight training and quickness. Special emphasis will be placed on developing individual skill development programs that best meet the student's needs. This course is open to Grade 9, 10, 11 students. This course will run in the AM block during November-June.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☐

Fitness and Conditioning 11/12: Soccer (MFTCD11-A) & (MFTCD12-A)

To become an elite soccer player, athletes need to not only be technically gifted, but they also need to have a certain amount of sport specific knowledge and education that doesn't always develop strictly on the field. This course combines the technical and tactical development of on the field soccer with fitness/strength conditioning, game principles/philosophies, film analysis, nutrition, leadership enhancement, as well as coaching philosophies. Classroom instruction and functional strength training will accompany the on-field player development in this course. This course will run in the AM block from September-June.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Fitness and Conditioning 11/12: Women's Fitness (MFTCD11-G) & (MFTCD12-G)

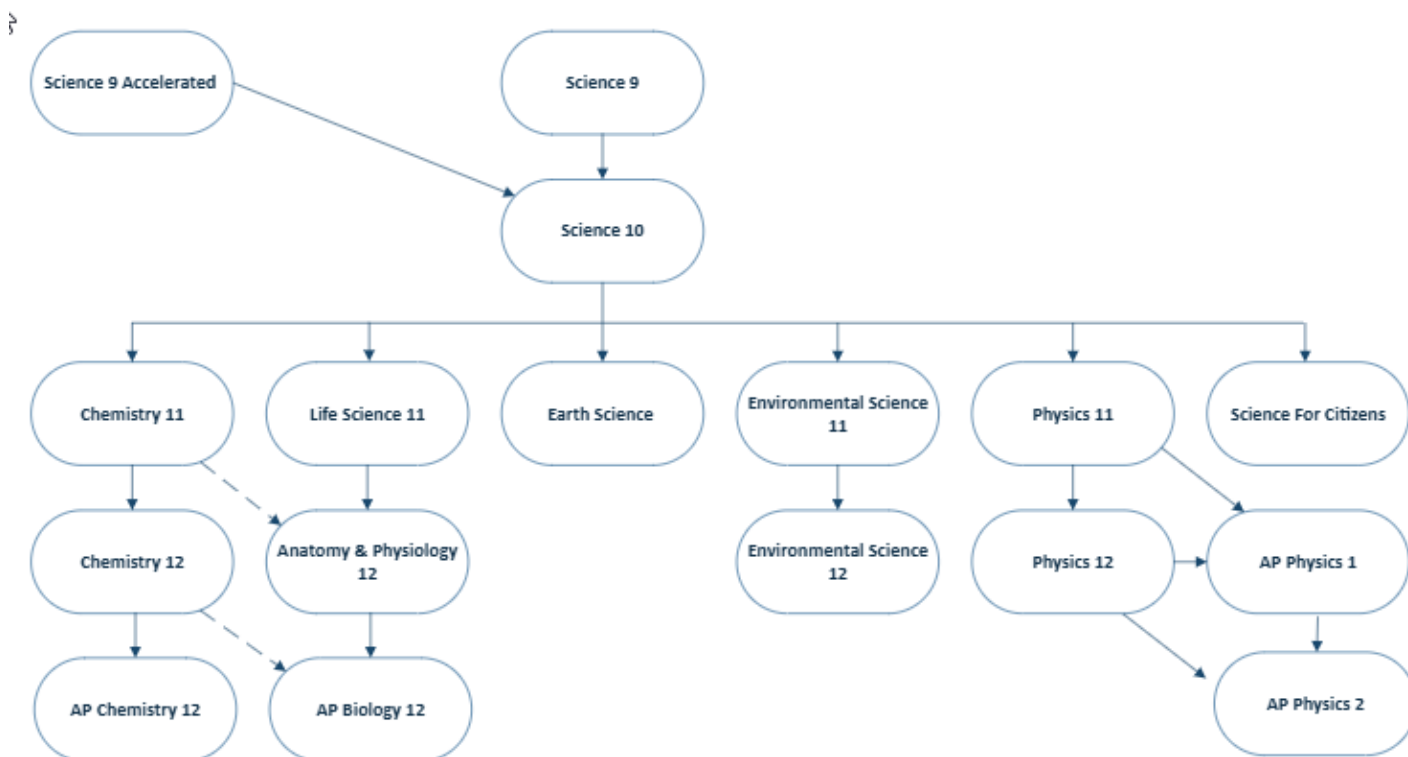
Often the personal fitness goals, nutrition interests, body image questions and activity choices for females are best met in a comfortable, fun and non-judgmental environment of an all-female class. This course will appeal to all females, whether you bring a highly competitive team sport background or a limited sport activity history. This course will provide a supportive and informative platform for improving one's overall physical, mental and emotional health. A variety of fitness concepts and pursuits will be offered. Some of which may include aerobics, step aerobics, running, walking, bootcamps and yoga as well as less traditional activities like Aquafit and Zumba may be explored. There will also be a focus on nutrition, leadership, motivational coaching, and fitness theory. Students will also learn the fundamentals of muscular conditioning in activities like weight training and yoga, as well as circuit training using a variety of contemporary fitness equipment. They will use this knowledge to create and participate in an independent fitness program geared to their personal fitness goals.

This course is subject to an optional \$50 course fee to provide for off-campus activities and guest instructors.

Foundation: Physical and Health Education 10

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

SCIENCE COURSES



Science 9 (MSC--09)

The Science 9 course introduces students to individual and group discovery in the classroom and in a laboratory setting. This course is activity based with an emphasis on four areas of scientific discovery. In Chemistry, the major concepts of ionic compounds and patterns within the periodic table are explored. In Physics, the major emphasis is on static and current electricity. Students will explore topics in Biology related to sexual and asexual reproduction as well as cell division. Topics in Environmental Science will also be explored, particularly related to the carbon cycle, energy flows, and human impacts on the environment. The course goals are to introduce students to scientific discovery and a wide range of scientific knowledge and to teach them to work effectively in a group setting. Note: Students with Emerging in Science 8 are recommended to have an LEC support block concurrently when taking Science 9.

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Science 9 & 10 Accelerated

These two classes taken in grade 9 allow academically strong students to accelerate, thereby providing some additional time in a student's schedule for the Advanced Placement science courses in their grade 12 year. Grade 9 students in the Accelerated program take Science 9 in the fall semester. In the second semester of their grade 9 year, students then take Science 10. In grade 10, students would take one or more grade 11 level science courses followed by grade 12 level courses in grade 11. In their grade 12 year, students would be eligible to choose AP Chemistry 12 or AP Biology 12.

*** Application required***



Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Science 10 (MSC--10)

The Science 10 course encourages students to work together in the classroom and laboratory setting to investigate a variety of topics in the four major science areas. There will be four big ideas that will be investigated: genes are the foundation for the diversity of living things, chemical processes require energy change as atoms are rearranged, energy is conserved, and its transformation can affect living things and the environment; the formation of the universe can be explained by the Big Bang theory. The goals of the course are to increase scientific knowledge, to promote curricular competency areas such as evaluating evidence, analyzing data, critical thinking skills, and to acquire more laboratory skills.

Foundation: Science 9

Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Science for Citizens 11 (MSCCT11)

This course takes a unique approach to science by exploring practical applications of scientific principles and evaluating the positive and negative effects of technology on society and the environment. Students will investigate advances in areas such as communication, energy, and resources, as well as health. In addition, the course will introduce concepts related to construction and structural design, as well as forensic science techniques used to analyze evidence and solve problems. Problem-solving will be emphasized, and evaluation will involve a combination of classroom activities and project-based work. This course fulfills the Science 11 requirement for graduation, but does not meet university entrance requirements. .

Foundation: Science 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Life Sciences 11 (MLFSC11)

As the first course in the secondary Biology program, Life Sciences 11 introduces students to the diversity of living things on Earth and their adaptations to the environment. Major taxa and domains are studied. Topics include DNA, taxonomy, evolution, virology, bacteriology, botany, zoology, mycology, ecology, and the knowledge of First Peoples regarding classification. The theme of evolutionary change is embedded in all units. Heavy emphasis on laboratory work, including microscopes and some dissections. Note: It is highly recommended that students take Life Sciences 11 before taking Anatomy and Physiology 12.

The optional course fee covers enhanced versions of labs, including live specimens and some animal dissections.

Foundation: Science 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Anatomy and Physiology 12 (MATPH12)

Anatomy and Physiology 12 is a fast-paced, specialized, academic course that covers two major areas of study: cell biology and human physiology. Physiology covers biological molecules, cell structure, cell membrane transport, DNA, protein synthesis, enzymatic activity, and homeostasis. Human anatomy covers some of the major body systems, such as the digestive, respiratory, circulatory, and nervous systems. The following science process skills will be addressed and evaluated: questioning and predicting; planning and conducting; processing and analyzing data; processing and analyzing information; evaluating; applying; innovating; and communicating. Chemistry 11 and Life Science 11 are strongly recommended, as foundational knowledge and skills from these courses are very beneficial for success in the course. The optional course fee covers enhanced versions of certain labs, such as animal dissections.

Foundation: Chemistry 11/ Life Sciences 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Advanced Placement Biology 12 (ABIO-12)

This is the third course in the secondary Biology program. This semester two course is for the highly motivated and scientifically minded Biology student who wishes to study Biology in more depth and detail. The College Board AP curriculum is equivalent to a first-year Biology course at a college or university. Course content is structured around four big ideas: a) Evolution as the driving force of diversity and unity of life; b) The use of free energy in biological systems; c) Living systems; and d) Interaction of biological systems. This very fast-paced course introduces the student to the rigours of university-level material and has a laboratory component addressing science practices. The following science process skills will be extensively addressed and evaluated: questioning and predicting; planning and conducting; processing and analyzing data and information; evaluating; applying; innovating; and communicating. There is an optional College Board AP Biology exam in May for students who wish to obtain advanced standing for credit at some universities. There is also an optional fee for a vertebrate dissection at the end of the semester.

Foundation: Life Sciences 11, Anatomy and Physiology 12, Chemistry 11, and Chemistry 12. Achievement in Chemistry 11, Life Sciences 11, Anatomy and Physiology 12 should be an “A” or high “B”. Chemistry 12 should be taken in semester one or concurrently in semester two. Students should also have strong, expository writing skills as it is required for writing lab reports and free response exam questions.

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Chemistry 11 (MCH--11)

Chemistry 11 involves the study of atoms, molecules and matter, chemical reactions, solution chemistry, and organic chemistry. It introduces the concept of the mole and how it applies to chemical reactions. Many interesting laboratory experiments are performed to help students understand the lecture concepts. This is a heavily math-based course, and strong problem-solving skills are needed. Students should have strong core Chemistry 10 skills such as writing formulas, naming compounds, and balancing chemical equations.

It is a recommended “B” standing in Science 10 and a “C+” in Foundations of Mathematics & Pre-Calculus 10

Foundation: Science 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Chemistry 12 (MCH--12)

Chemistry 12 builds on experiences in Chemistry 11. Students must have a good understanding of the Mole Concept, Stoichiometry and Solution Chemistry taught in Chemistry 11. Many interesting lab experiments will reinforce the understanding of rates of chemical reactions, chemical equilibrium, reactions in solution, acid-base chemistry, and electrochemistry. Students will gain an increased understanding of the importance of chemistry in the modern world. This is a heavily math-based course, and strong mathematical problem-solving skills are needed.

It is a recommended “B” standing in Chemistry 11 and Pre-Calculus Math 11

Foundation: Chemistry 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Advanced Placement Chemistry (ACHE-12)

This course covers material equivalent to first year university chemistry. It is an excellent preview and will give students an advantage in post-secondary science programs. The course is broken up into two parts: practical knowledge (25%) and theoretical knowledge (75%). Students will learn new concepts and build upon the ones learnt in Chemistry 11 and 12. Course topics includes: Unit 1 – Atomic Structure and Properties; Unit 2 - Molecular and Ionic Compound Structure and Properties; Unit 3– Intermolecular Forces and Properties; Unit 4- Chemical Reactions; Unit 5 – Kinetics; Unit 6 – Thermodynamics; Unit 7 – Equilibrium; Unit 8 - Acids and Bases; and Unit 9 – Applications of Thermodynamics. In May, the students have the option of writing the College Board Advanced Placement Chemistry exam which could give them university credit for the course. After the exam, students will be focused on building lab skills for the remainder of the course.

Foundation: Achievement in Chemistry 11 and Chemistry 12 should be an “A” or strong “B”

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Earth Sciences 11 (MESC-11)

Earth Science 11 combines theory and hands-on lab activities to investigate the Earth and its place in the solar system. Topics will include rocks and minerals, plate tectonics, weather and climate, astronomy, water properties, and the ocean. In this course, students will collaborate to connect the overarching topics and understand how humans interact with the Earth in different ways, including pollution, climate change, and resource extraction. This course fulfills the Science 11 requirement for graduation

Foundation: Science 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Environmental Science 11 (MEVSC11)

Microplastics, climate change, garbage in the ocean, habitat degradation ... Environmental issues are becoming increasingly relevant to all our lives. At its foundation, the course will be an exploration of ecology extending from material introduced in Science 9, including ecosystem relationships, food webs, cycles of matter, and Traditional Ecological Knowledge. Questions about ecosystems that will be investigated include: What makes ecosystems diverse? How do they change naturally? What kinds of change happen because of human activity? How can humans get involved in environmental stewardship and in restoring ecosystems? This course will involve labs, hands-on activities, projects, and fieldwork and will help you understand what’s happening on our ever-changing planet.

Foundation: Science 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Environmental Science 12 (MEVSC12)

Are you passionate about our planet and eager to make a difference? Environmental Science 12 is your gateway to understanding the critical issues facing our world today. This dynamic course expands upon the material introduced in Environmental Science 11 and dives into the interconnectedness of Earth's systems—land, water, atmosphere, and living organisms—and the impact of human activities on these systems. In this course, you'll explore ecosystems and biodiversity, investigate climate change, learn about sustainable resource management, and examine human impacts on the environment. With hands-on learning, critical thinking, and a focus on future-ready skills, Environmental Science 12 prepares you for careers in sustainability and conservation. Join us and be inspired to protect and preserve our planet!

Foundation: Environmental Science 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Physics 11 (MPH--11)

Physics eleven is an introductory course in the secondary school physics program, designed to introduce the foundation topics and to lay the groundwork for both applied and theoretical careers. The initial focus is on the motion of objects in one and two dimensions, applying Newtonian principles of mechanics as preparation for advanced study in Physics 12 and beyond. Students will also examine electric circuits and investigate the properties of waves.

Physics requires problem-solving skills; mathematical reasoning and basic algebra are activated daily. Lab work will involve graphing to observe relationships and finding patterns in data with the intent of building connections between general daily observations and the fundamental laws that govern the universe.

Recommendations: A minimum grade of 75% in both Science 10 and Mathematics 10 (Foundations and Pre Calculus)

Foundation: Science 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Physics 12 (MPH--12)

This is the second course in the secondary physics program and is designed to prepare students for further study of physical science at a post-secondary level. The focus in grade 12 is on a vector mathematical foundation for applying physical laws to the two and three-dimensional world. Classical Newtonian mechanics, introduced in grade 11, is further explored for the first half of the course, while the second half provides students with a thorough grounding in the basics of electromagnetism and finishes with an introduction to Einstein's special relativity. Students will have the opportunity to compete in local, national, and international physics competitions. It is recommended a "B" standing in Physics 11

Foundation: Physics 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

AP Physics 1 (APHH-11)

Advanced Placement Physics 1 offers students the opportunity to study most of the concepts of a first-year college or university general physics course. Successful completion of the course and sufficient achievement on the Advanced Placement Exam in May will determine whether college or university credit or advanced placement is granted. Topics of study include all the material covered in Physics 11, as well as additional topics beyond the BC curriculum. Many of these topics are examined in greater detail and depth.

Foundation: Recommended "B" standing in Physics 11 (concurrently if available).

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

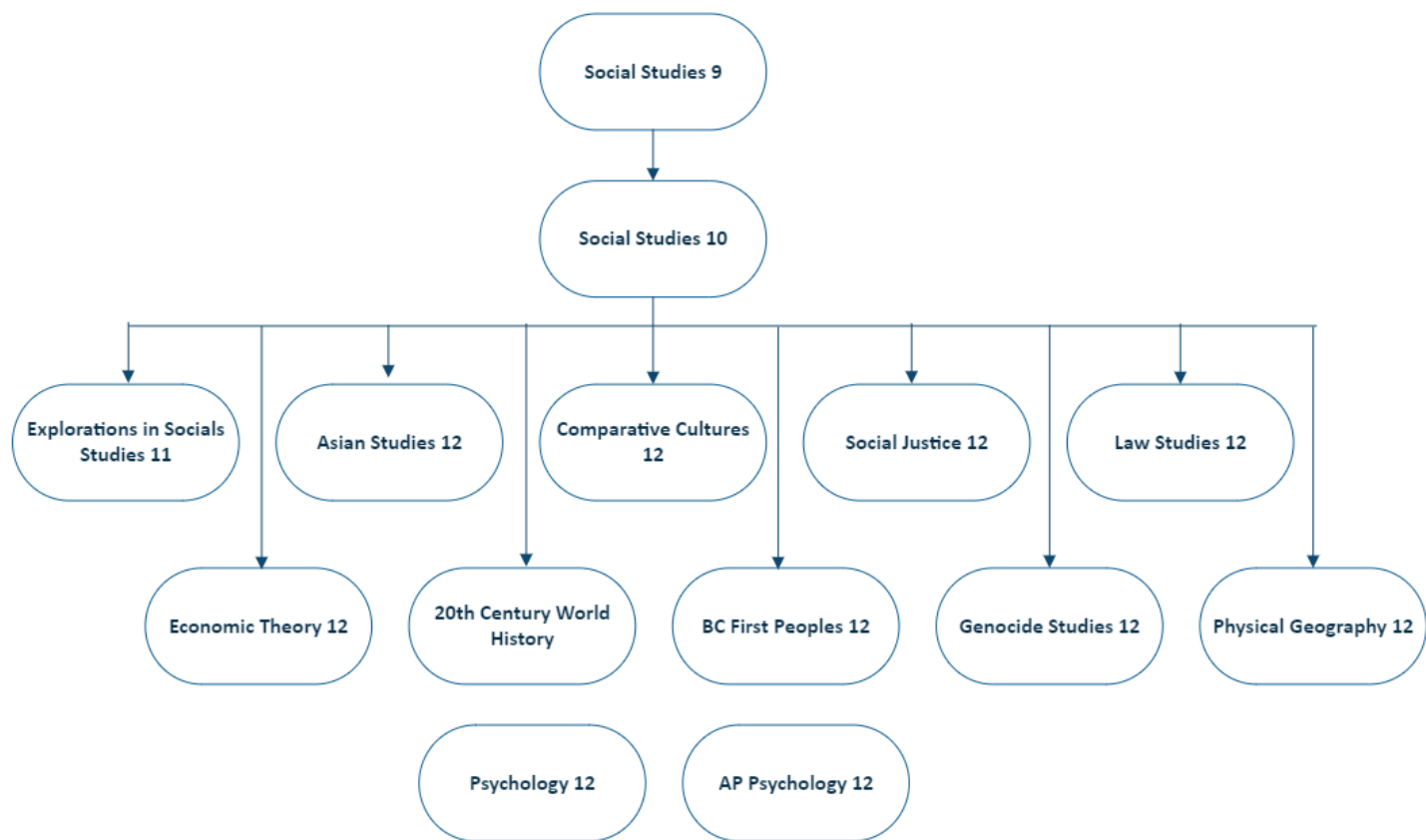
AP Physics 2 (APHH-12)

Advanced Placement Physics 2 offers students the opportunity to study most of the concepts of a first-year college or university general physics course. Successful completion of the course and sufficient achievement on the Advanced Placement Exam in May will determine if college or university credit or advanced placement is granted. Topics of study include all of the material studied in Physics 12 and additional topics beyond the BC curriculum. Many of these topics are examined in greater detail and depth.

Foundation: Physics 1 AP or "B" standing in Physics 12 (concurrently if available).

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

SOCIAL STUDIES COURSES



Social Studies 9 (MSS--09)

Social Studies 9 integrates the skills, knowledge and attributes that have been developed in earlier Social Studies courses and consolidates the competency of students in areas of critical thinking, research and referencing, the development of evidence-based arguments and effective communication. Students will focus on events, developments and changes in European governments through the development of early Canada concluding with the Riel Rebellions. These events, developments and changes will occur in political, geographical, economic and social areas. More specifically the students will examine the concepts of revolution and its effects on government, exploration, colonization and settlement in Canada. The knowledge and skills that students develop will prepare them to undertake further studies in Social Studies 10.

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Social Studies 10 (MSS--10)

This course contributes to a greater understanding of Canada and its relationship to the rest of the world. Major topics include Canada's political and historical development since 1911; the present structure of Canada's government and legal system; and the world's changing population and the impact of continuing growth. A cumulative final may be given at the commencement of the course.

Foundation: Social Studies 9

Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Explorations in Social Studies 11 (MEPSS11)

This course gives students the opportunity to explore a variety of themes and topics including sustainability, environmental issues, and social justice issues. Students will explore big ideas from 4 or more of the following courses: Contemporary Indigenous Studies, Comparative Cultures, Law, Physical Geography, Social Justice, Urban Studies, or World History. Students will recognize how these topics play a role in their day to day lives and in current events. This course provides graduation credits for Social Studies and provides skills and understandings for future Social Studies course work.

Foundation: Social Studies 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

20th Century World History 12 (MWH--12)

The 20th Century involves a wide variety of relevant and fascinating people and events that are relevant to and connected to the situation in the world today. From the role of individuals, mass movements, conflicts, cultural and technological changes, to various beliefs and philosophies, the student will be exposed to the forces that irrevocably changed the 20th century world and created the issues with which the citizens of the modern world must contend. The course deals with issues beginning with the Paris Peace Conference at the end of WW I and examines the political, economic, and social forces that led to and impacted events from that date forward. The course will also look at the interwar period, WWII, and the Cold War era. Students will use the content from this period of history to expand on and develop their skills in the interpretation, analysis, evaluation and understanding of historical events.

This course is based on Grade 12 level curriculum: learning outcomes and expectations of students will be evaluated as such

Foundation: Social Studies 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

BC First Peoples 12 (MBCFP12)

This course provides students with an opportunity to explore the identities and worldviews of BC First Peoples traditional territories and their relationship to the land. The role of oral tradition and culture will be investigated and how the impact of colonialism such as the Fur Trade; affected the political, social and economic lives of BC First Peoples. Policies and practices that have affected BC First Peoples will also be addressed, some topics will include the Indian Act, Residential Schools and treaties. Topics of self-governance, leadership and self-determination of BC First Peoples will be covered. Finally, present day challenges will also be explored and investigated, topics will include First People's in the media and sports.

This course is based on Grade 12 level curriculum: learning outcomes and expectations of students will be evaluated as such

Foundation: Studies 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Comparative Cultures 12 (MCMCL12)

Comparative Cultures investigates the development, interactions, and exchange of culture from ancient times until present day. We will investigate topics such as artistic expressions, language, agriculture, trade, conflict/wars, and power structures within different societies. Students will also explore how geographic and environmental factors have influenced culture and continue to do so today. This is a project-based course designed to spark a student's curiosity for various cultures and the contributions of these to the present human experience. Cultures investigated may include: China, Indigenous peoples in Canada, Egypt, Greece, Inca, Indus Valley, Japan, Maya, Mesopotamia, or the Roman Empire. Classroom workshops and guest speakers are valuable parts of this course.

This course is based on Grade 12 level curriculum: learning outcomes and expectations of students will be evaluated as such

Foundation: Studies 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Genocide Studies 12 (MGEN012)

This course examines genocide in modern history, including political, legal, social, economic and cultural ramifications. Examples include Armenia, the Holocaust, Cambodia, the Former Yugoslavia, Rwanda, the Congo, and Darfur. In addition, we will look at international law and reconciliation as it pertains to genocide. The course is designed to provide a challenge for students who wish to pursue further studies in international law, history, and political science including diplomacy, mediation and reconciliation.

*This course is based on Grade 12 level curriculum: learning outcomes and expectations
of students will be evaluated as such*

Foundation: Social Studies 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Law Studies 12 (MLST-12)

This course clarifies the legal rights and responsibilities that affect everyone in Canada and explores the role and evolution of law in today's society. Law 12 will examine criminal and civil law (primary focus on criminal law). The course involves regular class discussion and critical thinking, primarily through studying real cases and current legal issues. Students are expected to consider various viewpoints and make reasoned judgements in order to develop their own positions. Field trips and guest speakers are considered valuable parts of the course and generally include: Surrey Provincial Court (possibly including the Surrey Pretrial Services Centre), BC Supreme Court (Downtown Vancouver), VPD (Vancouver Police Department) or Surrey RCMP detachment. Guest speakers include RCMP, Corrections Officers, forensics, and a reformed offender. This course is designed to provide a challenge for students who wish to enroll in a post-secondary institution to obtain a degree in law or criminology, or a diploma in related fields in the legal system. This course meets the requirements for the Grade 11 Social Studies Credit as well as a Grade 12 course towards graduation.

*This course is based on Grade 12 level curriculum: learning outcomes and expectations
of students will be evaluated as such*

Foundation: Social Studies 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Physical Geography 12 (MPGEO12)

While travelling, have you ever experienced a different climate, a unique landscape or strange weather pattern and wondered why it happened? This course builds skills students can use to examine physical features and the environment of our planet in a meaningful way. Physical Geography addresses both the physical and human created systems of the world through the study of people, places and environments. As an ever-increasing world population puts more and more demands on the planet's resources, there is a need for a society that can make informed decisions about the sustainability of the Earth's resources, the landscape and the future of the human species on our planet. Field trips are a valuable part of this course. This may include walking field trips, outdoor exploration, a visit along the Sea to Sky Corridor or local inlets, or to the Museum of the Earth.

*This course is based on Grade 12 level curriculum: learning outcomes and expectations
of students will be evaluated as such*

Foundation: Social Studies 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Psychology 12 (YPSYC2A)

Are you interested in the brain and behaviour? Through the study of psychology, students will acquire an understanding of and an appreciation for human behaviour, behavioural interaction, and the development of the individual. The course is designed to provide students with an interest in psychology and wish to pursue it further at post-secondary. Topics of study include social psychology, psychological disorders, research methods, neuroscience, sensation and perception, learning, and human development.

*Please note this course does not meet the requirements for the Social Studies 11 Credit
nor is it a University accepted course but is a 4-credit grade 12 course for graduation.*

Foundation: Social Studies 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

AP Psychology 12 (APSY-12)

AP Psychology is designed to introduce students to the scientific study of human behaviour and mental processes. Students will be exposed to the psychological facts, principles, and phenomena associated with the topics of neuroscience, behaviour, sensation and perception, consciousness, learning, cognition, emotion, development, personality, disorders, and treatment. This course is a university-level Psychology preparation based course. In May, the students have the option of writing the College Board Advanced Placement Psychology exam which could give them 6 university credits for the course. Note: A fee is required for those writing the official College Board AP exam in May.

Foundation: Recommended that students complete their Social Studies 11/12 credit course prior to taking AP Psychology 12. A 'B' letter grade or higher in previously taken Social Studies and English 11 is recommended as this is a university-level Psychology preparation-based course.

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Social Justice 12 (MSJ--12)

This course explores how power, privilege and oppression influence systems, culture, and personal behaviours. Students will investigate the complex causes of social injustice within our society and how issues faced by marginalized groups are interconnected. Students will investigate issues regarding colonialism, racism, sexism, heterosexism, ableism, and classism. To understand how our worldviews shape our understanding of social justice issues, students will engage in discussions, ask questions, and gather evidence from a variety of sources and perspectives. This course will provide opportunities for students to explore their own identities and how these have been shaped by the society they live in. It will build students' capacities to address social injustice and advocate for systems, programs and norms that align with their own values. Field trips and guest speakers are a valuable part of this course. This may include guided tours in Vancouver, visits to or from local non-profit organizations, and guest speakers on important course topics.

*This course is based on Grade 12 level curriculum: learning outcomes and expectations
of students will be evaluated as such*

Foundation: Social Studies 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

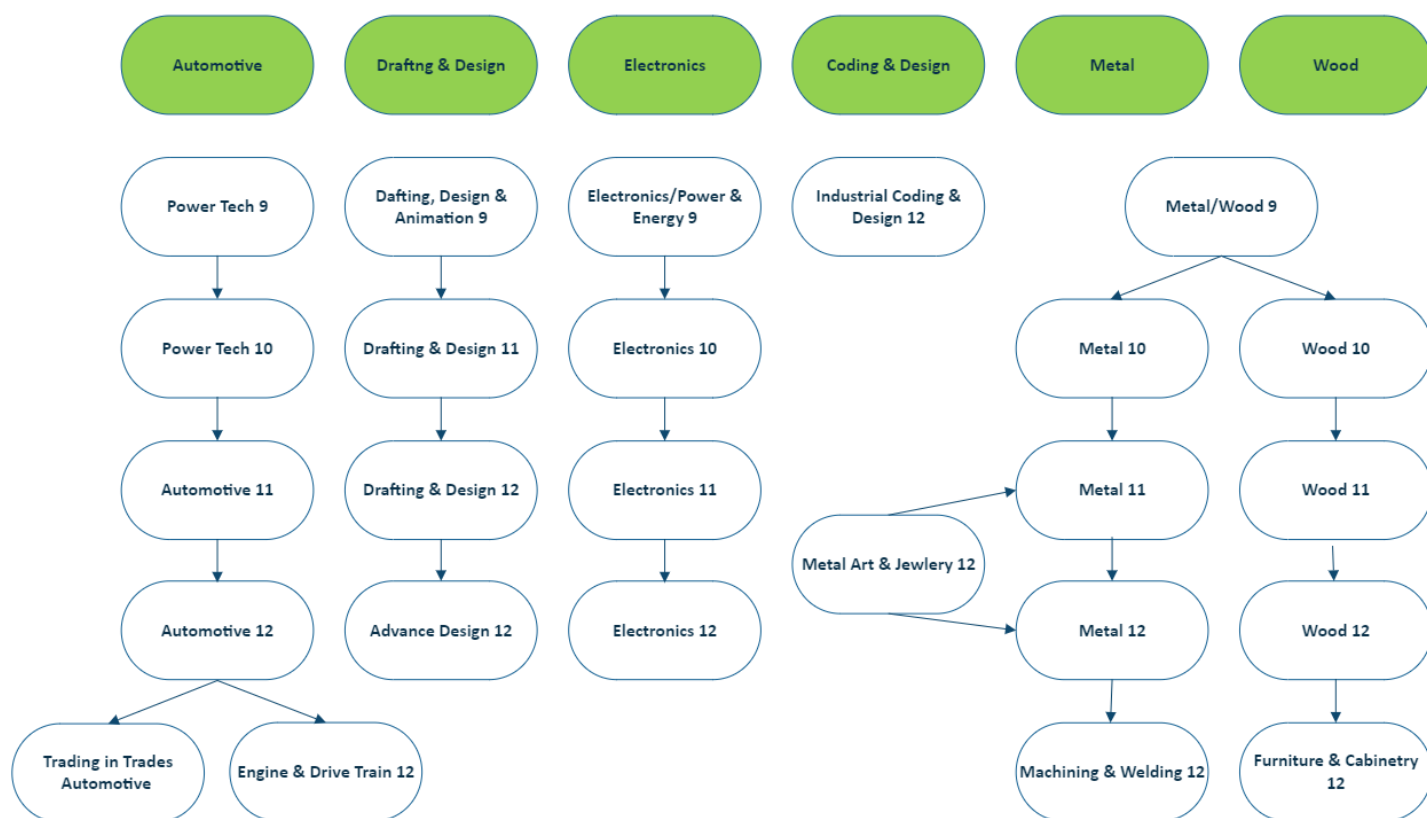
Economics Theory 12 (MECT-12)

This course is an introduction to the fundamentals of economic theory. Students will investigate such topics as economic systems, the structure of business, employment and inflation, money, stabilizing the economy, and international trade. Economics 12 involves observing, interpreting, and judging past economic conditions from different perspectives and exploring how worldviews have given rise to competing approaches today. It is of special interest to those who may do further study in law, business management, political science, economics or commerce, or those entering directly into the business world. Students may take this course in their grade 11 year.

Foundation: Social Studies 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

TECHNOLOGY EDUCATION COURSES



*** In many Technology Education courses, there is an additional enrichment fee. This optional additional cost allows students to take projects home and use materials of higher quality than those traditionally used.

Drafting, Design & Animation 9 (MADMA09)

This entry-level exploratory course will introduce students to a variety of drafting, design, animation and graphic communication techniques. Areas that will be covered include sketching, instrument drawing, 2D CAD, 3D modelling, 2D and 3D animation, computer graphics and architectural design, using both instruments and a variety of available up-to-date computer software. Students will acquire useful skills that can be applied to many careers and life choices.

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Drafting and Design 11 (MTDRF11)

The skills learned in this course will be invaluable to those who intend to pursue design, drafting, digital animation, and engineering related careers. This project-based course covers basic sketching techniques, 2D CAD, 3D modelling, design for 3D Printing, architectural design, and the design and problem-solving process. Students will become proficient in the use of AutoCAD, Fusion 360, and Chief Architect software.

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Drafting and Design 12 (MTDRF12)

Whether your interests are in architecture, product design or engineering, this senior level computer drafting & design course will help you explore a wide range of techniques and processes that will build on skills already learned in the grade 11 course. Students have the opportunity to work individually and in small groups on a variety of projects, using several up-to-date design software packages. Project work provides a practical look at such areas as residential, interior, furniture, automotive, and consumer product design, and can help prepare students for rewarding careers in related fields such as architecture, landscape architecture, interior design, urban design and engineering.

Foundation: Drafting and Design 11Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒**Power Technology 9** (MADPT09)

Power Technology 9 will provide students with an introduction to energy, mechanical devices, and motion. An emphasis on practical hands-on experience will prepare students to move on to more advanced technical or mechanical courses. Students will be instructed on safe procedures to be employed in a shop situation and will gain valuable experience with a variety of tools and equipment. Power Tech students will have the opportunity to work on a wide range of projects involving working models, small engines, and transportation devices.

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐**Power Technology 10: Bicycles, Small Engines, Automobiles** (MTPOW10)

A popular course for both female and male students, this hands-on project-based course is geared toward the mechanically inclined student looking for an introduction into bicycle, small engine, and automotive systems. Students who select this course will focus on bicycle maintenance and mechanics, the inner workings and rebuilding of small Over Head Valve single cylinder engines and an introduction to basic automobile systems. Students will learn the fundamentals of automobile braking systems, tire, wheel care, used vehicle inspection and basic maintenance with an emphasis put on the social, legal, and ethical responsibilities associated with vehicle operation. A strong focus is put on shop safety and the proper use of tools, equipment, and shop procedures. This course is a precursor to Automotive Technology 11.

Foundation: Power Technology 9Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☐**Automotive Technology 11** (MTAUT11)

This course is designed to provide a basic education in areas related to automotive service and repair. Students will develop skills that will serve them well in terms of either general interest or as a possible career path. This course is a mixture of theoretical and practical experience, with emphasis on basic concepts and theory as well as a focus on the safe use of tools and equipment used in the automotive service industry. This is a hands-on course where students will work in a modern and well-equipped shop.

Foundation: Power Technology 10Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒**Automotive Technology 12** (MTAUT12)

This senior level course can be taken alone or in conjunction with Engine and Drivetrain 12. Automotive Technology 12 builds on the basic groundwork laid out in Automotive Technology 11. Theory is taught on an ongoing basis and complements the emphasis on practical experience, attitude, and employability skills. During the practical portion of the course, students will work on live jobs in a well-equipped, up-to-date shop. Students will also learn how to use precision measurement devices and electronic scan tools for engine control systems.

Foundation: Automotive Technology 11Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Engine and Drivetrain 12 (MTEAD12)

This course is to be taken in conjunction with Automotive Technology 12 as a double block. Students will have the opportunity to further their practical skills and will enjoy the emphasis on daily shop experience. Safety, participation and attitude are stressed in this industrial setting. Students enrolled in both blocks will be focusing on Differential rebuilding, Engine rebuilding and the fundamentals of Transmission operation.

Foundation: Must be enrolled in Automotive Technology 12.

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

AUTOMOTIVE SERVICE TECHNICIAN - LEVEL I APPRENTICESHIP

This post-secondary program is part of the ITA's "Youth TRAIN in Trades" program and is open to grade 12 students intending to pursue a career as a Red Seal Certified AST. Students completing this full semester, dual credit, four course program, will receive 16 credits toward graduation and could qualify to write the Standardized Level I assessment exam. A 70% grade on this exam will allow the student to progress to Level II training, when requirements for Apprenticeship training hours are met. This program is designed for motivated students with a career focus and provides excellent Apprenticeship placement advantages for successful students. Enrollment in this program will be limited to 18 students per year, and admission will be granted through an application process which includes an interview and a review of attendance records and will require a recommendation from the student's Automotive Technology 12 instructor.

Applicants will need to have been programmed in such a way as to have completed all foundation requirements by the end of the first semester of their grade 12 year. Students should have a working knowledge of computers and an "L" driver's license.

Foundation: Completion of both Auto Technology 11 and 12 with a minimum C+; English Studies 12 (must be taken in the first semester of Grade 12); Workplace Math 11 with a minimum B or completion of Foundations OR Pre-Calculus Math 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Technology 9: Electronics/Power and Energy (MADER09)

Electronics - Students enrolled in this course will learn about electronics for one half of a semester and power and energy technology for the other half. The electronics section introduces the fundamentals of electricity and the tools, parts, and processes used to design and fabricate basic electronics projects. Technology - In the power and energy section, students will investigate many different physics principles in fun and interesting ways. A variety of wood, metal, and plastic fabrication skills will be utilized to produce individual and group projects, which will be tested and completed.

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Electronics & Power 10 (MTEAR10)

The Electronics 10 course at Centennial is divided into three sections. These are Solid State Theory, Home Wiring and Arduino Programming. Under this format students will follow a sequential path that exposes them to all parts of Electronics and Electricity in our current day society. The topics covered are set out to help students safely use specialized tools and machinery, study the characteristics and uses of materials, and learn to manage systems to control products. Importance will be put on hands-on experimentation and project work as an effective means to focus attention on foundational theory, practical skills used for either career or personal goals.

Foundation: Grade 10 or above

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Electronics 11 (MTELE11)

The Electronics 11 course at Centennial is a continuation of the skills learned in the grade 10 course. It also follows the same subject areas of Solid State Theory, Home Wiring and Arduino Programming but to a higher level of understanding. Students continue on the sequential path that exposes them to all parts of Electronics and Electricity in our current day society. The topics covered are set out to help students safely use specialized tools and machinery, study the characteristics and uses of materials, and learn to manage systems to control products. Importance will be put on hands-on experimentation and project work as an effective means to focus attention on foundational theory, and practical skills used for either career or personal goals.

Foundation: Electronics & Technology 9 or Electronics 10

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Electronics 12 (MTELE12)

The Electronics 12 course at Centennial is the final installment along the electronics path. Once again it follows the same topics of Solid State Theory, Home Wiring and Arduino Programming with the intent of achieving a mastery level of understanding in the high school setting. Students continue on the sequential path that exposes them to all parts of Electronics and Electricity in our current day society. The topics covered are set out to help students safely use specialized tools and machinery, study the characteristics and uses of materials, and learn to manage systems to control products. Importance will be put on hands-on experimentation and project work as an effective means to focus attention on foundational theory, and practical skills used for either career or personal goals.

Foundation: Electronics 11Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒**Metal/Wood 9** (MADGE09)

Students enrolled in this course will learn about metalworking for half of the semester and woodworking for the other half. The Metal section of the course (9 weeks) will introduce students to various cutting, forming, and welding techniques. Students will develop their designing and creative abilities in a fun, hands-on environment with two mini-competitions. The woodworking section of the course will allow students to gain experience with many of the tools and techniques used by a woodworker. A strong emphasis is placed on safe work habits as students learn to use power tools to saw, plane, shape, and assemble projects made of wood. As a project based course students can expect to build two wood projects while working hands-on in an environment that is safe, productive, and encouraging.

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐**Metalwork 10** (MTMET10)

This course will introduce students to a variety of cutting, forming, machining and welding processes. Through individual and team project work, students will gain the skills and experience necessary for our senior metalwork courses. Skill development is the focus of this course. In addition to machining and welding techniques, students will be introduced to metal art and jewellery casting processes. Safe work habits and strong employability skills are stressed and practiced throughout the course.

Foundation: Grade 10 or aboveGrade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒**Metalwork 11** (MTMET11)

This course is a continuation of the metalwork 10 skill-development course. Students will add to their skills, knowledge, and experience with emphasis on hands-on skill-building. Students will be assigned design and construction problems, which will require them to explore solutions using the skills and knowledge previously learned. Skills and knowledge learned from Metalwork 11 will prepare students for a successful entry into Metalwork 12 and Welding 12. Safe work habits and strong employability skills are stressed and practiced throughout the course.

Foundation: Metalwork 10Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒**Metalwork 12** (MTMET12)

This course is a continuation of the Metalwork 11 skill-development course. Students will add to their skills, knowledge, and experience with an emphasis on hands-on skill-building. Students will work in an industry-related team environment to design and fabricate projects of high quality to sell within the community. These team projects will require them to explore solutions using the skills and knowledge previously learned. Students will have the opportunity to design and fabricate their own personal project in this course. Skills and knowledge learned from Metalwork 12 will prepare students for a successful entry into post-secondary and industry related jobs. Safe work habits and strong employability skills are stressed and practiced throughout the course.

Foundation: Metalwork 11, Welding and Machining 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Metal Art & Jewelry 12 (MTAMJ12)

This course explores a series of creative metal sculpture and jewelry-making experiences. Students design and construct works of art from a variety of metals through forming, welding, and casting processes. This course is open to all grades 10,11,12, new metalwork students, as well as experienced students. Students will gain and develop their skills through a variety of fun, skill-challenging projects. Strong employability skills and attention to safety are required for this course.

Foundation: Grade 10 or above

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Welding and Machining 12 (MTMAW12)

This is a stand-alone course which requires successful completion of the Metalwork 10 skill-development course. This comprehensive course is designed to equip students with the essential skills and knowledge required for careers in welding and machining. Through a combination of theoretical instruction and hands-on practice, students will develop proficiency in various welding techniques and machining processes, preparing them for advanced studies and careers in the manufacturing and engineering sectors.

Students will learn and practice key welding techniques, including MIG, TIG, and arc welding, as well as fundamental machining operations such as milling, turning, and grinding. Emphasis on safety protocols and best practices to ensure a safe working environment in both welding and machining settings. Development of critical thinking and problem-solving skills through real-world projects and challenges.

Foundation: Metalwork 10

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Woodwork 10 (MWWK-10)

Woodwork 10 builds on the knowledge and techniques taught in Wood 9 while remaining accessible to students without prior experience. This class takes a project based approach to learning woodworking concepts such as sawing/planing wood to size and assembling parts to make a complex project. Students in this class can expect to build several projects that will demonstrate their understanding and mastery of many woodworking skills. This course is valuable for students wishing to proceed to the senior level woodworking classes and provides an opportunity to work in a shop that is well-equipped. The majority of class time will be spent working on and around power tools so a strong emphasis will be placed on safety and proper technique.

Foundation: Grade 10 or above

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Woodwork 11 (MWWK-11)

Woodwork 11 will provide students with the opportunity to continue developing their skills and to produce quality projects using a variety of woodworking processes. Topics will include the use of hand, power and CNC tools and equipment in addition to an emphasis on methods of joining wood. This course is valuable for students interested in continuing to higher-level Woodwork courses, as well as those seeking to gain some practical experience to enhance hobbyist or homeowner skills. Students will select and plan project work which will challenge them and provide a rewarding experience. This course provides an excellent opportunity to work in a well-equipped woodshop. Safety and the proper use of tools and equipment will be emphasized.

Foundation: Woodwork 10

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Woodwork 12 (MWWK-12)

This senior course will provide instruction and practical experience in furniture construction, cabinetmaking and residential construction. Students enrolling in Woodwork 12 can expect to produce high quality work using up-to-date tools and equipment in an enjoyable shop environment. Care has been taken to ensure that students who plan to continue on in a wood working related trade will be well prepared for success at BCIT or another post secondary school. Several possibilities exist for project choices at this level with stronger students having the option of choosing their own plans with permission from the teacher. For students wishing to complete the popular electric guitar project, this is the class in which it can be done. Students will be encouraged to develop employability skills in addition to wood work specific skills. Safety and proper use of tools and equipment will continue to be emphasized.

Foundations: Woodwork 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Furniture and Cabinetry 12 (MTFAC12)

This advanced course will provide instruction and practical experience focusing on cabinetmaking and furniture construction. A good foundation for students considering cabinetmaking or furniture construction as a career, this course would also appeal to students with a keen interest in woodworking as a hobby. Project work will allow students to develop their skills in both design and construction processes. An emphasis on advanced woodworking techniques, quality and accuracy will complement continued instruction on safety and employability skills.

Foundation: Woodwork 11 or Woodwork 12

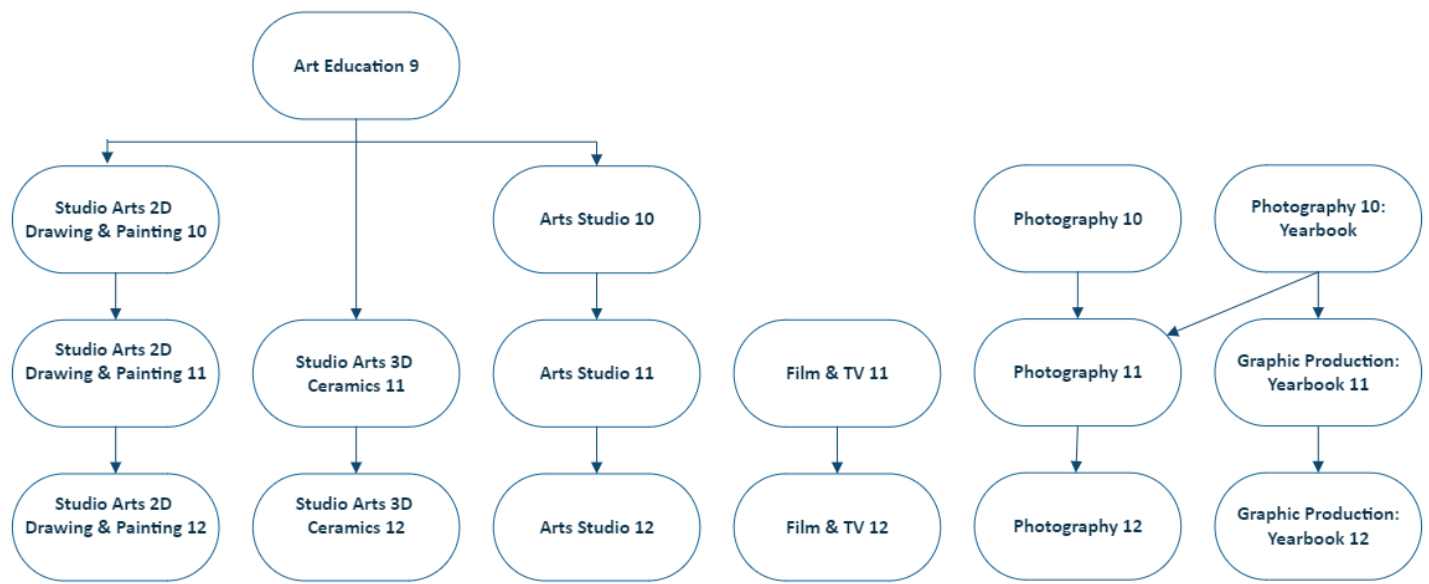
Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Industrial Coding & Design 12 (MTICD12)

This course blends computer design with industrial manufacturing. Students can expect to be introduced to a range of modern manufacturing methods in a shop setting using processes such as: vinyl cutting, laser cutting, and CNC (computer controlled) machining. As part of the course we will explore the underlying principles of computer numerical control and learn to use machine language (gcode) to control machine motion. Moving on, we will learn to use software to create part files in 2D and 3D that can be used to generate complex machining of physical projects. As a large portion of this class is centered around “making” you can expect to be in a shop environment and introduced to some of the peripheral tools that will facilitate the build process.

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

VISUAL ARTS COURSES



Art Education 9

(MAE—09)

Art 9 is an introductory art course which offers a range of media exploration for students interested in developing their visual art skills. The main focus is on learning to see, visual literacy, and expanding students' vocabulary of art concepts. Students are taught the basic elements and principles of design, which are reinforced with class projects and discussions. Projects primarily include drawing, painting, ceramics and sculpture. Students should finish Art 9 with a good idea of their own creative potential and feel ready to approach more specialized senior level art courses.

Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Note: Art Studio 10/11/12 provides a broader exploration of artistic applications and is for students looking to explore various art mediums. Art Studio courses are designed for students with basic artistic abilities.

Art Studio 10

(MVA10)

Art Studio 10 is an introductory studio art course that allows students to explore many different mediums, styles, and techniques. Students will create 2D and 3D art in the areas of drawing, painting, sculpture, mixed media, clay and other possible mediums. Further comprehension of the use of the elements and principles of design as well as image development strategies will be studied and practiced. Students will be encouraged to explore different cultures, and social justice issues, while also developing a sense of who they are as artists and individuals. Students will be taught how to recognize and evaluate design choices in art through in class critiques and collaboration opportunities. Ultimately, this course allows students the chance to document, share and appreciate different mediums and styles of art, while also beginning to identify their own style and appreciation for specific mediums. A sketchbook is required for this course.

Foundation: Grade 10 or above

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Art Studio 11 (MVA11)

Art Studio 11 is a senior level studio art course which gives students a chance to further explore many two-dimensional and three-dimensional approaches to visual art expression. Students work on projects in the main areas of drawing, painting, printmaking, ceramics, and sculpture. Assignments are structured around the elements/principles of design, image development strategies, or art historical influences, but students are encouraged to develop their own personal style. Students should complete the course with an expanded understanding of historical and contemporary developments in art and a strong sense of their own art abilities and preferences. A sketchbook is required.

Foundation: Art Studio 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Art Studio 12 (MVA12)

Art Studio 12 is a senior level studio art course which allows students to further develop their artistic practice and pursue personal artistic expression in more depth. Projects follow the same expression areas as those in Art 11, (drawing, painting, printmaking and ceramics/sculpture), but students are encouraged to find their own particular medium of expression and work more intensely on self-directed projects. Students taking Art 12 are usually expected to be interested in a career within the field of art, but many simply enjoy the chance to further enhance their visual literacy and understanding of studio art practices. Help will be offered to those students who are preparing a portfolio for post-secondary Art applications. A sketchbook is required.

Foundation: Art Studio 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Studio Art 2D 10 (Drawing and Painting) (MVA-10)

Studio Art 2D offers Grade 10 students a chance to build on skills from Visual Arts 9, focusing on solely drawing and painting mediums while exploring imaginative, two-dimensional art. Students will explore a variety of techniques and media, including pencil, charcoal, pastels, ink, and paints (watercolor, acrylic, oil, and tempera). The course emphasizes cultural appreciation of various cultures represented in art, including Indigenous art, and encourages students to express their personal stories and cultural identity. They will also present their work and engage in constructive critiques. Previous art experience is recommended.

Foundation: Grade 10 or above

Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Studio Art 2D 11 (Drawing and Painting) (MVA-11)

Studio Art 2D 11 is a studio art course with a focus on two-dimensional media approaches, such as pencil, pen and ink, charcoal, pastel, and watercolour on paper or acrylic, and mixed media on board or canvas. This is an important course for students interested in possible art careers or developing a portfolio. Lessons are structured sequentially on the elements of design, such as line, tone, colour, shape, form and texture, and developed to allow the student to learn image development strategies such as observation, elaboration, magnification, simplification and fragmentation. Both traditional and experimental approaches are modelled and encouraged, with frequent exposure to historical and contemporary aspects of art making. Previous art experience is recommended.

Foundation: Studio Art 2D 10 or Art Studio 10

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Studio Art 2D 12 (Drawing and Painting) (MVA-12)

This course follows closely the structure of the Studio Arts 2D 11 course but offers motivated students more challenges and freedom to pursue and develop their own ideas and styles in two-dimensional media. It is possible for a student to design their own approaches to projects, or to work more independently, particularly with respect to portfolio development. Students are encouraged to work on larger or more complex projects and may be interested in pursuing art at the post-secondary level. For this reason, they are encouraged to take part in District initiatives such as the "Emerging Talent" exhibition in January each year, or the Coquitlam Center show in May. Previous art experience is recommended.

Foundation: Studio Arts 2D 11 or Art Studio 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Studio Art 3D 11 (Ceramics) (MVAC-11)

An introductory three-dimensional art course with a strong focus on clay, the basics of hand building, and wheel-throwing form two thirds of the curriculum in Ceramics 11. Students make and glaze both functional and sculptural pieces. Concepts such as line, texture, volume, mass, plane, and balance are key to an understanding of three-dimensional media. Other three-dimensional media which may be explored are papier-mâché, wire, plaster, or assemblage. There is a strong expectation that students participate in studio management, kiln loading, art work displays, and daily clean-up. Students should be prepared to delay taking projects home to allow for ongoing displays throughout the school. No previous experience in ceramics or sculpture is needed.

Foundation: Grade 10 or above

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Studio Art 3D 12 (Ceramics) (MVAC-12)

This course is a senior level three-dimensional art course which suits skilled students who wish to develop a personal approach to clay and other media. It is strongly recommended that students have previous experience in clay before signing up for this course. Completion of Ceramics 11 with a C+ or better is a good foundation for Ceramics 12. The projects are more difficult than those assigned in Ceramics 11, and the instructor will expect students to be able to work very independently. Both hand building and wheel throwing is explored, and there is a final exam assigned which allows students to explore in depth a topic related to three-dimensional art.

Foundation: Studio Art 3D 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Film and Television 11 (MDFT-11)

This course serves as an excellent introduction to the world of making movies. Through examining what makes a great movie, the effects of media on our psyche, and the completion of several assignments, students will gain skills in visual storytelling, script writing, story boarding, effective camera use, and computer based audio/video editing. A minimum of four movies will be shot and edited by each student. This course requires self-motivated students with the ability to work alone and in groups. Software to be learned and used will include Adobe Premiere Pro, After Effects as well as others.

Foundation: Grade 10 or above

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Film and Television 12 (MDFT-12)

This course is designed to provide advanced opportunities for the filmmaker to further develop and enhance the skills introduced in Digital Film Making 11. Students will work in a number of different genres with an eye towards entering their best piece in Student Film Festivals (not mandatory). A 3rd year IDS is possible after the 11 & 12 courses, if a student has advanced project ideas.

Foundation: Film and Television 11

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Photography 10 (MVAPH10)

This course will provide students with opportunities to explore two-dimensional graphic art and photographic processes. This is an introductory course that is designed to meet the needs of students who have little or no art background. Students will gain an understanding of how the elements and principles of design can be used to communicate moods, feelings and attitudes through a medium of photography. The course will focus on personal image development through a variety of photographic techniques. Students will use the camera as an artistic tool for recording images and expressing their ideas and emotions. Students will develop an understanding of the evolution of the camera and the history of photography as an art form.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Photography 10: Yearbook (MVAM-10)

This is a "hands-on" course for students interested in learning a bit about graphics, photography, and publishing. This is an introductory course designed to meet the needs of students with little to no art background. Students will gain an understanding of how the elements and principles of design can be used to communicate moods, feelings, and attitudes through a medium of photography and graphic design, but will also include photo editing, design, and layout for yearbook. Students will be a part of the team that produces the yearbook and can continue to Photo 11, Yearbook 11 or Graphic Arts 11 from this beginner course. They will also document the people and events of the school year. This course needs creative, committed, reliable students capable of working both independently and in small teams, with print deadlines always in mind.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Photography 11/12 (MVAPH11 / MVAPH12)

This project-based course will build on the artistic and technical skills developed in Photography 10. Students will deepen their ability to use elements and principles of design to create images to communicate moods, feelings, attitudes and information. Students will have an opportunity to work with digital SLR cameras, a standard kit lens and explore other specialty lenses in Photography 11. Students will learn new photographic techniques for use in everyday life to capture interesting and artistic photographs. They will develop their Photoshop skills to allow for greater editing of their own images. While this course is open to all grade 11 and 12 students, it is recommended that Photography 10 be taken before Photography 11.

Foundation: Photography 10

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Graphic Production 11: Yearbook (MGRPR11)

This is a "hands-on" course for students interested in learning about printing and publishing. The curriculum includes the exploration of digital photography, photo editing, design and layout, writing, and editing. Students will be a part of the team that produces the yearbook. They will document, in photography and print, the people and events of the school year. This course needs creative, committed, reliable students capable of working both independently and in small teams, with print deadlines always in mind. Although no foundation course is required, previous courses in photography, ICT, and creative writing will make you an invaluable asset to the yearbook team.

Foundation: Photography 10: Yearbook

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Graphic Production 12: Yearbook (MGRPR12)

This course is designed for students who were in Yearbook 11 and would like to take on a leadership role with this project. Yearbook 12 students will be part of the team that produces the yearbook; however, they will be more involved in organizing the book for the year, designing the style of the book, managing student portraits, mentoring Yearbook 11 students, performing editor tasks, and finalizing pages for publication. Yearbook 12 students will also continue to explore photo editing, design and layout, writing and editing. This course needs creative, committed, reliable students capable of working both independently and in small teams, with print deadlines always in mind.

Foundation: Graphic Production 11: Yearbook

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

ADDITIONAL COURSES

Dungeons & Dragons Adventures & Teamwork 11 (YIPS-1B)

(aka Social Dynamics in Table-Top Role Playing Games 11)

Come join us to create adventures and defeat villains in the greatest collaborative table-top role playing game of D&D. The focus is game play, collaborative story creation and teamwork. Participants will explore group dynamics, design characters, monsters, encounters, as well as 3D figurine printing & painting, map production and other design elements. No experience is necessary, and no prerequisites are required for this course.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Chess 10 (YMATH0B)

Chess 10 is designed to introduce students to the grand world of chess, including a brief history of chess, chess in culture, rules & etiquette of chess, and how to read & record chess games. Basic strategy, tactics, opening, middle and endgame theory will also be introduced. To develop skills, students will play class tournaments and play remotely through an online chess community. By the end, students will be knowledgeable in playing chess and will benefit from the logical, critical, analytical & creative thinking skills that chess provides — skills that transfer to all subject areas and all facets of life. No experience is necessary, and no prerequisites are required for this course.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Chess 11 (YMATH1B)

Chess 11 is designed to further expose students to the wonderful world of chess. This course is intended as an extension beyond Chess 10 to continue to develop students' skills and understanding in the areas of chess strategy, tactics, opening, middle and endgame theory. The goal is to learn and work with the skills needed to level up from novice to intermediate. Students will practice what they have learned through daily in-class play and tournaments. They will also benefit from the logical, critical, analytical and creative thinking which chess provides – skills that transfer to all subjects and all facets of life. Open to all Grade 10-12 students but Chess 10 is recommended prior.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

IDS COURSES

Are you interested in personalizing your learning or getting credit for topics that you want to learn about? Would you like to earn course credit by designing an inquiry around your interests and passions? Foundations of Inquiry 11 is an opportunity for students to learn using the inquiry process to complete an inquiry-based project on a topic or learning area of their choice.

***Students also have the option to pursue Foundations of Inquiry: Social Justice or Advanced Inquiry IDS.**

More info here: [Inquiry Classes.pdf](#)

Sign up here: <https://forms.office.com/r/d76S28Th4u>

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Foundations of Teacher Education 12 (YED--2B)

Have you thought about a career as a teacher? This essential course is designed for those wanting to educate themselves on being a teacher before going to university to study to be one! Through a blend of theoretical knowledge (classroom study) and practical application (observing/teaching in classrooms in other schools), participants will gain insights into effective teaching methods and the diverse needs of learners. The course also provides a comprehensive overview of the fundamental principles and practices in teaching. Students will explore key topics such as educational psychology, curriculum development, classroom management, indigenous ways of knowing and learning, the history of education in Canada and instructional strategies. If you are considering a career in education, Foundations of Teacher Education 12 offers a solid foundation for your journey in the field of education.

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

LEADERSHIP COURSES

Leadership courses all have the same credits regardless of the focus of the course.

Leadership 10/11/12 -(YCPA-0AT/YCPA-1AC/YCPA-2AT)

Leadership 9/10/11/12 is a linear course for students that are interested in making a difference in their school and community. It is considered a 9th class in addition to your 8 main courses and runs off-timetable (Usually once or twice a week in the mornings or occasionally during Flex/Cent Time). Students interested in making a difference in Centennial's Culture or providing Civil Service (volunteering) or Creating Connections with the Community should consider joining. Students who are interested in taking part in leadership need to be in good academic standing, be highly motivated to make a difference in their school and/or community and be able/willing to volunteer their time to school and community events/activities.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12☒

Multi-Cultural Leadership 10/11/12 -(YCPA-0AT/YCPA-1AC/YCPA-2AT)

ELL and International students at Centennial have helped to mentor and lead new students at Centennial from many different countries and cultural backgrounds. You will now play an important role in our Centennial School Community by continuing to help support our most vulnerable learners. Students will have the opportunity to lead, support and mentor new and current students at Centennial who have cultural and language commonalities. In this class you will have time to develop your leadership skills, to create and support events within the school, as well as to create a school environment of inclusion. This is a full year (linear) , four credit course.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12☒

Peer Tutoring 11/12

This program offers selected, well-motivated, academic students the opportunity to be course peer tutors. Peer Tutors should maintain outstanding academic performance and consistent attendance or ability in the subject area that they peer tutor in and need to be screened through a referral and interview process. By the end of the Peer Tutoring course, a student will have gained a wide variety of knowledge and skills related to teaching and learning. A student will have a basic understanding of Learning Disabilities, and other factors which impact student learning and achievement. It allows students to investigate their interests in working with people, especially if they are interested in pursuing a career in the human services realm (teaching, medical & health fields etc.). They will understand the purpose and need for effective communication skills, the variety of teaching and learning styles that people have, and the effectiveness of teaching others, while working toward developing a greater competence with curricula. They will have a greater understanding of the complexity of the teaching-learning process and the importance of the human relationship in that process. Most importantly, they will gain greater empathy and respect for their peers who find school to be very challenging. The experiences in the course allow the student to develop an aspect of their own personality, such as learning to be more assertive, or more patient. In this way, the course allows the student to explore and improve their own learning styles, their own academic strengths and weaknesses, and their emotional maturation.

An application for peer tutoring must be submitted to be considered.

Peer Tutoring Application 2026/27



Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Athletic Leadership (Peer Tutoring)11/12

This course is designed to give students the opportunity to develop their individual and collective sense of social responsibility through the acquisition and application of leadership skills in athletics. This course is designed to develop students' knowledge and skills in leadership, event management, coaching and instruction, as well as officiating. Students will discover the benefits of giving back to their school, community and sport. Students will recognize specific rules enforced by tournament managers, referees and learn strategies implemented by coaches in a variety of sports. Entrance to this course will be based on an interview process.

An application for peer tutoring must be submitted to be considered.

Athletic Leadership 2026-2027



Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

CAREER EDUCATION COURSES

Career Life Education 10 (MCLE-10)

This course is a graduation requirement for all students in British Columbia and replaces Planning 10. Students will explore a variety of learning outcomes that are directly relevant to their future personal wellness, living arrangements, financial planning and career path. Career Life Explorations will invite students to consider the impact of their personal and career choices on themselves and others. Students will explore personal development, connections to the community and career and educational life plans. The goal of the course is to enable students to develop the skills they need to become self-directed individuals who display initiative, establish goals, make thoughtful decisions, and take responsibility for pursuing their goals in an ever-changing society.

Required Course for all Grade 10s

Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

Career Life Connections 12 (MCLC-12)

Before graduation, students will be required to complete four credits of senior career exploration through the Career Life Connections course, as well as a Capstone project and presentation. In addition, students must submit evidence of participation in 30 hours of volunteer or paid work and attend a minimum of one Meet an Expert session during their time at Centennial. This course will receive a percentage upon completion and may require time throughout Tutorial.

Required Course for all Grade 12s

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Work Experience 12 (MWEX-2A & MWES-2B)

This practical hands-on course is designed to help prepare students for the transition from secondary school to the world of work or further education and training. It provides them with the opportunity to gain knowledge, skills and attributes needed to be successful in the workplace or develop job readiness skills for specific occupations and careers. Students will be required to complete a 30 hour Employability Skills classroom component before they are placed in 90 hours of volunteer work experience related to their job or career interests. This course is open to grade 11 and 12 students. Parental/Guardian approval is required.

Foundations: Open to Grade 11 and 12 students

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

CENTENNIAL ACADEMY CLASSES

HOCKEY ACADEMY – Hockey Skills 10 (YLRA-1F)

This introductory course is open to all first-time Hockey Academy students in grades 9-12. The Centennial Hockey Academy provides the opportunity for male and female hockey players to supplement their minor hockey experience by improving their hockey skills and fitness levels. Course content includes the development of technical skills (power skating included), individual tactics, team tactics, team play, systems, strategy, off-ice training specific to hockey, health, and wellness. Other Academy components include sport psychology, fundraising, volunteering opportunities, as well as group activities such as rock climbing, hiking, yoga, and on-ice tournaments. Parents are encouraged to attend the Hockey Parent Meeting at the end of January to learn more. More information and registration can be found at [RPM Hockey Company](#)

Course Fees: This course has an additional course enrichment fee to pay for ice time and additional outside hockey instructors of approximately \$1565

Grade 9 ☒ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

HOCKEY ACADEMY – Hockey Skills 11 (YLRA-1A)

The Hockey Academy Skills 11 course is designed for all first-year returning Hockey Academy students. This course builds upon the skills developed in Hockey Skills 10. Like Hockey Skills 10, students at all skill levels will be provided with coaching appropriate to their development. Other Academy components include sport psychology, fundraising, volunteering opportunities, as well as group activities such as rock-climbing, hiking, yoga, and on-ice tournaments. Students will be required to have previous skating experience and preferably some hockey skills. More information and registration can be found at [RPM Hockey Company](#)

Course Fees: This course has an additional course enrichment fee to pay for ice time and additional outside hockey instructors of approximately \$1565.

Foundation: Hockey Skills 10 or permission of the Instructor

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

HOCKEY ACADEMY – Hockey Skills 12 (YLRA-2A)

The Hockey Academy Skills 12 course builds upon the skills developed in Hockey Skills 10 and 11. Like Hockey Skills 10 and 11, students at all levels will be provided with coaching appropriate to their development. Course content includes the continued development of technical skills (power skating included), individual tactics, team tactics, team play/systems, strategy, off-ice training specific to hockey and health and wellness, volunteerism, introduction to coaching and hockey leadership. An option in this course is for students to develop a hockey resume to send out to post-secondary institutions. Students will be required to have previous skating experience and preferably some hockey skills. More information and registration can be found at [RPM Hockey Company](#)

Course Fees: This course has an additional course enrichment fee to pay for ice time and additional outside hockey instructors of approximately \$1565.

Foundation: Hockey Skills 11 or permission of the Instructor

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Optimizing Athletic Performance 11 (Academy) (YLRA-1C)

Elite athletes have specific needs and requirements in order to achieve their desired goals. This course is designed for athletes who want to learn about and take part in the latest training techniques available that will be relevant to their specific sport. This course will incorporate Functional Movement Screening, performance testing, and video analysis to determine the best strategies to maximize the individual benefits for each athlete. Themes around rehabilitation of injuries, coaching, sport psychology, analytics, and university recruitment will also be covered. In class instruction, class participation, guest speakers and field trips will be utilized to explore these areas.

This course will have field trips and guest speakers/coaches and therefore will cost an additional fee of \$855.

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Optimizing Athletic Performance 12 (Academy) (YLRA-2C)

Optimizing Athletic Performance 12 will be a continuation of Optimizing Athletic Performance 11. The development of athletes' strength and conditioning will be a major focus. The steps involved with university recruitment will also be touched upon (university and scholarship applications, university visits, and the understanding of athletic scholarship agreements, letters of intent, etc.). Lastly, students will be exposed to career opportunities in the field of sport/athletics/rehabilitation/fitness through a short work experience/mentorship component.

This course will have field trips and guest speakers/coaches and therefore will cost an additional fee of \$855.

Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

ENVIRONMENTAL STUDIES JUNIOR ACADEMY

This Academy will take place in the first semester, combining 6 courses- Physical and Health Education 10, Career Life Education 10, Science 10, Social Studies 10, Earth Science 11, and Outdoor Leadership 10 - into a full-day, fully immersive program. This program aims to enrich students understanding of content and curricular competencies through nature-based activities and interactive field research. This program will involve both day and overnight trips to places within British Columbia, incorporating activities like hiking, canoeing, camping and more. Not only will you leave this program with credit for 6 courses, but life skills you cannot learn in a classroom. Please see the course descriptions for more information on specific courses within the program. There is an additional course fee of \$400 for this Academy. There is an application process to be selected to the program. Applications will be distributed January/February.

Application and more information visit our website.



Outdoor Leadership 10

Leadership 10 empowers students to explore and practice leadership through hands-on experiences both indoors and outdoors. Through team-based projects and stewardship roles in the school and natural community, students build skills in communication, planning, goal setting, and conflict resolution. The course emphasizes collaboration across diverse peer groups and encourages students to recognize their impact on their community. In the ES 10 Academy, students will also design and lead their own field trips, gaining real-world leadership experience.

Physical and Health Education 10

The aim of Physical & Health Education 10 is to enable all students to develop knowledge, movement skills, and positive attitudes and behaviors that contribute to a healthy, active lifestyle. The students will have the opportunity to:

- Participate in, and experience, a variety of outdoor and leisure-oriented activities.
- Develop positive attitudes towards physical activities and learn to manage and mitigate physical risks
- Be able to develop positive personal and social health-related behaviours, and work cooperatively in group activities.
- Acquire skills and knowledge necessary to develop an active and healthy lifestyle.
- Learn how healthy choices influence, and are influenced by, our physical, emotional, and mental well-being.
- In ES 10 Academy, PHE activities include, but are not limited to team games, backpacking/overnight camping, winter camping, cross country skiing, snowshoeing, day hikes, rock climbing, canoeing, kayaking, orienteering, First Aid Certification, and volunteer work in BC parks.

Foundation: PHED 9

Science 10

The Science 10 course encourages students to work together in a laboratory and field settings to safely investigate a variety of topics in major science areas. The goals of the course are to increase scientific knowledge, to promote critical thinking skills and proper lab skills, and to instill appropriate attitudes about safety through navigating the Science 10 Curriculum's Big Ideas. This course is a mandatory graduation requirement. Students enrolled in ES 10 Academy can look forward to potential opportunities to learn about genetics through hands-on investigations with local plant and animal species, about chemistry through testing local water sources for chemical properties such as pH, hardness, and elemental composition, about astronomy through night-time star observations on overnight trips, and about physics with studies in canoeing kinematics and environmental impacts of energy transformations.

Foundation: Science 9

Social Studies 10

This course contributes to a greater understanding of Canada and its relationship to the rest of the world. Major topics include Canada's political and historical development since 1911; the present structure of Canada's government and legal system; and the world's changing population and the impact of continuing growth. Special focus will be made on lasting legacies of colonialism in Canada and the movement towards Truth and Reconciliation. Indigenous histories, stories, traditions, and worldviews will be explored along with the topic of First Peoples governance.

Foundation: Social Studies 9

Earth Science 11

This course explores the Earth and its place in the solar system and involves a hands-on approach to studying rocks and minerals, plate tectonics, the hydrosphere and surface processes, geological time, and astronomy. These topics are covered through an integration of class work, labs, projects, and field studies. Trips to the beach to study oceanography and exploring sediments, minerals, and rocks in local riverbeds are some of the possibilities for learning Earth Science in ES 10 Academy. This course fulfills the Science 11 requirement for graduation.

Foundation: Science 10

Career Life Education 10

This course is a graduation requirement for all students in British Columbia and replaces Planning 10. Students will explore a variety of learning outcomes that are directly relevant to their future personal wellness, living arrangements, financial planning, and career path. Career Life Explorations will invite students to consider the impact of their personal and career choices on themselves and others. Students will explore personal development, connections to the community and career and educational life plans. The goal of the course is to enable students to develop the skills they need to become self-directed individuals who display initiative, establish goals, make thoughtful decisions, and take responsibility for pursuing their goals in an ever-changing society.

ENVIRONMENTAL STUDIES 11/12 ACADEMY

This Academy will take place in the second semester, combining 6 courses- BC First Peoples 12, Environmental Science 11/12, First Peoples English 11/12, Life Sciences 11, Outdoor Education 11/12 and Outdoor Leadership 11/12 into a full-day, fully immersive program. This program aims to enrich students' understanding of content and curricular competencies through nature-based activities and interactive field research. This program will involve both day and overnight trips to places within British Columbia, incorporating activities like hiking, canoeing, camping and more. Not only will you leave this program with credit for 6 courses, but life skills students cannot learn in a classroom. There is an application process to be selected for the program. Applications will be distributed January/February. There is an additional course fee of \$650 for this Academy.

Open to: Grade 11 and 12 students based on application and acceptance into the program.

Application and more information visit our website



BC First Peoples 12

This course provides students with an opportunity to explore the identities and worldviews of BC First Peoples traditional territories and their relationship to the land. The role of oral tradition and culture will be investigated and how the impact of colonialism such as the Fur Trade affected the political, social, and economic lives of BC First Peoples. Policies and practices that have affected BC First Peoples will also be addressed, some topics will include the Indian Act, Residential Schools, and treaties. Topics of self-governance, leadership and self-determination of BC First Peoples will be covered. Finally, present day challenges will also be explored and investigated, topics will include First Peoples in the media and sports.

Foundation: Social Studies 10. This course is based on Grade 12 level curriculum: learning outcomes and expectations of students will be evaluated as such.

Environmental Science 11

Microplastics, climate change, garbage in the ocean, air pollution... Environmental issues are becoming increasingly relevant to all our lives. At its foundation, the course will be an exploration of ecosystems extending from material introduced in Science 9. Questions about ecosystems that will be investigated include: What makes ecosystems diverse? How do they change naturally? What kinds of change happen because of human activity? How can humans get involved in environmental stewardship and in restoring ecosystems? This course will involve hands-on activities and field studies and will help you understand what's happening in the world around you.

Foundation: Science 10

Environmental Science 12 * for students for have ES 11 credits previously

Environmental issues are becoming increasingly relevant to all our lives. Microplastics, climate change, garbage in the ocean, air pollution. At its foundation, the course will be an exploration of Human Impact extending from material introduced in Environmental Science 11. Questions about Human Impact that will be investigated include: What kinds of change happen because of human activity? How can humans get involved in environmental stewardship and in restoring ecosystems? This course embeds case studies, is fieldwork based and explores future careers related to Environmental Sciences.

Foundation: Environmental Science 11 or a Science 11

EFP: LITERARY STUDIES/SPOKENLANGUAGE 11 or ENGLISH FIRST PEOPLES 11/12

Grade 11 students who've completed English 10 will take *First Peoples English 11: Literary Studies + Spoken Language*. Grade 12 students or those who've completed English 11 will take *English First Peoples 12*. These courses explore Indigenous histories and experiences in BC and Canada, challenging mainstream narratives through storytelling, fiction, poetry, essays, and film—centering Indigenous voices. Students will examine connections across cultures, generations, and communities, guided by First Peoples Principles of Learning from the BC Curriculum.

Foundation: Composition 10/Literary Studies 10 or Spoken Language 10/New Media 10 (or English 10 equivalent)

Life Sciences 11

Life Sciences 11 is designed to introduce students to the diversity of living organisms and their adaptation to their environment. The major Kingdoms are examined and topics covered include: taxonomy, evolution, microbiology, plant biology, animal biology, mycology and ecology. The theme of evolutionary change is carried out in all units of study. There is also a heavy emphasis on laboratory work which includes microscope work and dissections. It is recommended that students are proficient in reading, comprehension and writing. There is a course fee of \$10, which is used to cover enhanced versions of certain labs such as animal dissections and live organisms. All course fees are optional, and if a student chooses not to pay, alternative, appropriate activities will be available to fully cover the curricular outcomes.

Foundation: Science 10

Outdoor Education 11/12 * for students for have ES 11 credits previously

Outdoor Education 11/12 involves off-site learning experiences. Full participation in trip planning activities and proper completion of related assignments is essential to ensure safety for each outdoor activity. This course will include completion of your First Aid Certificate and the development of your risk assessment skills. Outdoor activities include but are not limited to backpacking/overnight camping, winter camping, cross country skiing, snowshoeing, day hikes, rock climbing, canoeing, kayaking, orienteering, and volunteer work in BC parks.

Foundation: PE 10

COURSE CODE CATALOG

APPLIED SKILLS	
ELECTRONICS AND POWER 9	MADER09
POWER TECHNOLOGY 9	MADPT09
METAL WOOD 9	MADGE09
METALWORK 10	MTMET10
POWER TECHNOLOGY 10	MTPOW10
ELECTRONICS & POWER 10	MTEAR10
WOODWORK 10	MWWK-10
DRAFTING & DESIGN 11	MTDRF11
METALWORK 11	MTMET11
ELECTRONICS 11	MTELE11
WOODWORK 11	MWWK-11
AUTOMOTIVE TECHNOLOGY 11	MTAUT11
DRAFTING & DESIGN 12	MTDRF12
METALWORK 12	MTMET12
WOODWORK 12	MWWK-12
ART METAL AND JEWELLERY 12	MTAMJ12
ELECTRONICS 12	MTELE12
ENGINE AND DRIVETRAIN 12	MTEAD12
FURNITURE AND CABINETRY 12	MTFAC12
MACHINING AND WELDING 12	MTMAW12
AUTOMOTIVE TECHNOLOGY 12	MTAUT12
BUSINESS EDUCATION	
BUSINESS EDUCATION 9	MADEM09
APPLICATIONS OF DIGITAL LEARNING 10	YBMO-0A
CAREER LIFE EDUCATION	MCLE-10
ACCOUNTING 11	MAC--11
MARKETING AND PROMOTION 11	MMAP-11
E-COMMERCE 12	MECOM12
ACCOUNTING 12	MACC-12
BUSINESS COMPUTER APPLICATIONS 12	MBCA-12
CAREER LIFE CONNECTIONS	MCLC-12
WORK EXPERIENCE 12A	MWEX-2A
WORK EXPERIENCE 12B	MWEX-2B
ENGLISH	

ENGLISH LANGUAGE ARTS 9	MEN--09
CREATIVE WRITING 10	MCTWR10
LITERARY STUDIES 10	MLTST10
NEW MEDIA 10	MNMD-10
SPOKEN LANGUAGE 10	MSPLG10
ENGLISH 11: FP STUDIES & WRITING	MEFLS11
ENGLISH 11: FP STUDIES & SPOKEN	MELSL11
NEW MEDIA 11: JOURNALISM	MNMD-11-J
LITERARY STUDIES 11	MLTST11
ENGLISH FIRST PEOPLES 11	MENFP11
LITERARY STUDIES 12	MLTST12
LITERARY STUDIES 12: FEAR	MLTST12H
SPOKEN LANGUAGE 12	MSPLG12
ENGLISH STUDIES 12	MENST12
HOME ECONOMICS	
TEXTILES 9	MADT-09
ARTS & CRAFTS 9	XHA--09
TEXTILES 10	MTXT-10
TEXTILE ARTS & CRAFTS 10	YHEC-0A
FOOD STUDIES 10	MFOOD10
CULINARY ARTS 10	MCUL-10
TEXTILES 11	MTXT-11
TEXTILE ARTS & CRAFTS 11	YHEC-1A
FOOD STUDIES 11	MFOOD11
CULINARY ARTS 11	MCUL-11
TEXTILE ARTS & CRAFTS 12	YHEC-2A
TEXTILES 12	MTXT-12
FOOD STUDIES 12	MFOOD12
CULINARY ARTS 12	MCUL-12
INTERPERSONAL & FAMILY RELATIONS 12	MIAFR11
CHILD DEV & CAREGIVING 12	MCDAC12
FASHION INDUSTRY 12	MFIND12
INFORMATION TECHNOLOGY	
INFO & TECHNOLOGY 9	MADIT09
DRAFTING, DESIGN & ANIMATION 9	MADMA09
DIGITAL ANIMATION 11	YCCT-1A

COMPUTER PROGRAMMING 11	MCMPR11
MEDIA DESIGN 11	MMEDD11
ADVANCED DESIGN 12	MDMD-12
3D GAME DESIGN 12	YPPR-2A
MEDIA DESIGN 12	MMEDD12
COMPUTER PROGRAMMING 12	MCMPR12
INDUSTRIAL CODING & DESIGN 12	MTICD12
DIGITAL ANIMATION 12	YCCT-2A
LANGUAGES	
FRENCH 9	MFR--09
SPANISH 9	MSP--09
JAPANESE 9	MJA--09
JAPANESE 10	MJA--10
SPANISH 10	MSP--10
FRENCH 10	MFR--10
FRENCH 11	MFR--11
SPANISH 11	MSP--11
JAPANESE 11	MJA--11
INTRODUCTORY JAPANESE 11	MBJA-11
INTRODUCTORY SPANISH 11	MBSP-11
JAPANESE 12	MBSP-11
SPANISH 12	MSP--12
FRENCH 12	MFR--12
MATHEMATICS	
MATHEMATICS 9	MMA--09
NUMERACY 9	MMA--09A
FOUND. OF MATH/ PRE-CALC 10	MFMP-10
WORKPLACE MATHEMATICS 10	MWPM-10
WORKPLACE MATHEMATICS 11	MWPM-11
PRE-CALCULUS 11	MPREC11
FOUNDATIONS OF MATHEMATICS 11	MFOM-11
FOUNDATIONS OF MATHEMATICS 12	MFOM-12
PRE-CALCULUS 12	MPREC12
CALCULUS 12	MCALC12
AP CALCULUS AB 12	ACAL-12
STATISTICS 12	MSTAT12

MUSIC	
MUSIC 9: BAND	MMU--09
MUSIC 9: JAZZ BAND	MMU--09RA
VOCAL JAZZ 9	XC---09VJ
MUSIC COMPOSITION 10	MMUCB10
INSTR. MUSIC: CONCERT BAND 10	MMUCB10
CHORAL MUSIC: CONCERT CHOIR 10	MMUCC10
CHORAL MUSIC 10: VOCAL JAZZ	MMUVJ10
INSTRUMENTAL MUSIC: GUITAR 10	MMUGT10
INSTRUMENTAL MUSIC: JAZZ BAND 10	MMUJB10
INSTRUMENTAL MUSIC-PIT BAND 10	MMUOR10
INSTR. MUSIC 11: CONCERT BAND	MIMCB11
CHORAL MUSIC 11: CONCERT CHOIR	MCMCC11
INSTRUMENTAL MUSIC 11: GUITAR	MIMG-11
INSTRUMENTAL MUSIC 11: JAZZ BAND	MIMJB11
COMPOSITION AND PRODUCTION 11	MMUCP11
CHORAL MUSIC 11: VOCAL JAZZ	MCMJV11
MUSIC PERFORMANCE 11	MMUCM11
INSTRUMENTAL MUSIC-PIT BAND 11	MMUOR11
INSTR. MUSIC 12: CONCERT BAND	MIMCB12
CHORAL MUSIC 12: CONCERT CHOIR	MCMCC12
INSTRUMENTAL MUSIC 12: GUITAR	MIMG-12
INSTRUMENTAL MUSIC 12: JAZZ BAND	MIMJB12
COMPOSITION AND PRODUCTION 12	MMUCP12
MUSIC PERFORMANCE 12	MMUCM12
CHORAL MUSIC 12: VOCAL JAZZ	MCMJV12
INSTRUMENTAL MUSIC-PIT BAND 12	MMUOR12
PHYSICAL EDUCATION	
PHYSICAL & HEALTH EDUCATION 9	MPHE-09
PHYSICAL & HEALTH EDUCATION 10	MPHED10
FITNESS AND CONDITIONING 10	YLRA-0A
FITNESS & CONDITIONING 11	MFTCD11
ACTIVE LIVING 11	MACLV11
FITNESS & CONDITIONING 11-SOCCER	MFTCD11--A
FITNESS & CONDITIONING BBALL 11	MFTCD11-BB
ACTIVE LIVING: ENHANCED 11	MACLV11CC

ACTIVE LIVING: ENHANCED 12	MACLV12CC
FITNESS & CONDITIONING 12 -SOCCER	MFTCD12--A
FITNESS & CONDITIONING BBALL 12	MFTCD12-BB
ACTIVE LIVING 12	MACLV12
FITNESS & CONDITIONING 12	MFTCD12
OPTIMIZED ATHLETIC PERFORMANCE 11	YLRA-1C
OPTIMIZED ATHLETIC PERFORMANCE 12	YLRA-2C
FITNESS & CONDITIONING 11-FOOTBALL	MFTCD11-FB
FITNESS & CONDITIONING 12-FOOTBALL	MFTCD12-FB
FITNESS & CONDITIONING 11- WOMEN'S	MFTCD11-G
FITNESS & CONDITIONING 12- WOMEN'S	MFTCD12-G
SOCIAL STUDIES	
SOCIAL STUDIES 9	MSS--09
SOCIAL STUDIES 10	MSS--10
EXPLORATIONS IN SOCIAL STUDIES 11	MEPSS11
20th CENTURY WORLD HISTORY 12	MWH--12
BC FIRST PEOPLES 12	MBCFP12
COMPARATIVE CULTURES 12	MCMCL12
GENOCIDE STUDIES 12	MGENO12
LAW STUDIES 12	MLST-12
PSYCHOLOGY 12	YPSYC2A
AP PSYCHOLOGY 12	APSY-12
SOCIAL JUSTICE 12	MSJ--12
PHYSICAL GEOGRAPHY 12	MPGEO12
ECONOMIC THEORY 12	MECT-12
SCIENCE	
SCIENCE 9	MSC--09
SCIENCE 10	MSC--10
CHEMISTRY 11	MCH--11
EARTH SCIENCE 11	MESC-11
ENVIRONMENTAL SCIENCE 11	MEVSC11
LIFE SCIENCES 11	MLFSC11
PHYSICS 11	MPH--11
SCIENCE FOR CITIZENS 11	MSCCT11
ANATOMY AND PHYSIOLOGY 12	MATPH12
CHEMISTRY 12	MCH--12

ENVIRONMENTAL SCIENCE 12	MEVSC12
PHYSICS 12	PH--12
AP BIOLOGY 12	ABIO-12
AP CHEMISTRY 12	ACHE-12
AP PHYSICS 1	APHH-11
AP PHYSICS 2	APHH-12
VISUAL ARTS	
ARTS EDUCATION 9	MAE--09
STUDIO ARTS 3D 10 (CERAMICS)	MVAC-10
ART STUDIO 10	MVAST10
STUDIO ARTS 2D 10 (DRAW & PAINT)	MVAD-10
VISUAL ARTS: PHOTOGRAPHY 10	MVAPH10
VISUAL ARTS: MEDIA ARTS YEARBOOK	MVAM-10
ART STUDIO 11	MVAST11
GRAPHIC PRODUCTION: YEARBOOK	MGRPR11
PHOTOGRAPHY 11	MVAPH11
STUDIO ARTS 3D 11 (CERAMICS)	MVAC-11
STUDIO ARTS 2D 11 (DRAW & PAINT)	MVAD-11
ART STUDIO 12	MVAST12
GRAPHIC PRODUCTION 12: YEARBOOK	MGRPR12
PHOTOGRAPHY 12	MVAPH12
STUDIO ARTS 3D 12 (CERAMICS)	MVAC-12
STUDIO ARTS 2D 12 (DRAW & PAINT)	MVAD-12
ENGLISH LANGUAGE LEARNERS (ELL)	
BEGINNER ELL	XLDCA10
INTERMEDIATE EAL LEVEL 2	
BEGINNER EAL LEVEL 1/2	XLDCA10EAL
ENGLISH LANGUAGE DEVELOPMENT 10	XLDCA10A-IE
INTRODUCTION TO ACADEMIC LANG 10	YESFL0B-IE
ACADEMIC STRATEGIES FOR LANGUAGE LEARNERS 10	YESFL0C-IE
ENGLISH LANGUAGE DEVELOPMENT 11	YESFL1B-IE
DRAMA 10 -ELL	MDRM-10ELL
ENVIRONMENTAL STUDIES 11/12 ACADEMY	
BC FIRST PEOPLES 12	MBCFP12-ES
ENVIRONMENTAL SCIENCE 11	MEVSC11-ES

ENVIRONMENTAL SCIENCE 12	MEVSC12-ES
ENGLISH FIRST PEOPLES 11	MEFLS11-ES
FOUNDATIONS OF INQUIRY 11	YMIS-1A-ES
LEADERSHIP 11	YCPA-1A-ES
LIFE SCIENCES 11	MLFSC11-ES
OUTDOOR EDUCATION 11	MODED11-ES
ENVIRONMENTAL STUDIES 10 ACADEMY	6 classes
OUTDOOR EDUCATION 10	YCPA-0A-ES
PHYSICAL & HEALTH EDUCATION 10	MPHED10-ES
SCIENCE 10	MSC—10-ES
SOCIAL STUDIES 10	MSS—10-ES
EARTH SCIENCE 11	MESC-11--D
FOUNDATIONS OF INQUIRY 10	YMIS-0A
HOCKEY ACADEMY	
HOCKEY 10	YLRA-1F
HOCKEY 11	YLRA-1A
HOCKEY 12	YLRA-2F
FITNESS AND CONDITIONING 10/11/12	YLRA-0A
OTHER	
LEADERSHIP	YCPA-0AT/ YCPA-1AC/YCPA-2AT
MC LEADERSHIP	MIDS-1C
IDS	MIDS-1A
FOUNDATIONS OF TEACHER EDUC 12	YED--2B
DUNGEONS AND DRAGONS 11	YIPS-1B
CHESS 10	YMATH-0B
CHESS 11	YMATH-1B