

Centennial Course Planner



2022-2023 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.

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 MyEd 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 was an error in course level etc. or if this is an academic course that is needed for graduation.

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 Tutorial (Wednesday mornings)**. 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 organisation 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 an 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 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.

SKILL DEVELOPMENT

The Skill Development Centre encourages and supports academic, social, and physical independence for students with special needs. Instruction is based on Individual Education Plans (IEP's), which focus on each student's unique strengths and needs. Students work in the Skill Development classroom and in integrated classes with support from Education Assistants, peer tutors, and Skill Development teachers. Work experience and some community training are also a part of the Skill Development Program.

Counselling

<http://www.sd43.bc.ca/school/centennial/ProgramsServices/Counselling/Pages/default.aspx>

Counselling help is provided in the following areas:

- program and course selection, academic counselling & problem-solving, tutorials, study skills
- orientation to the school
- scholarships, post-secondary, vocational and career planning
- personal counselling and decision-making
- support in crises; referrals to community agencies

COUNSELLOR ASSIGNMENTS

All students are assigned a counsellor. Students may go to any counsellor to discuss personal concerns. Students wishing to see a counsellor may go directly to the counsellor's office. Should parents/guardians need to contact the counsellor please email or call the appropriate counsellor to set up an appointment.

The Counselling Department offers many additional services to Centennial students:

- Help with program and course selection.
- Help solving academic difficulties and problems and, when necessary, help to find tutorial assistance.
- Information and help with career and post-secondary planning (universities, regional colleges, vocational schools, apprenticeship programs).
- Discussion of personal problems and help in making personal decisions.
- Support in crisis situations and contact with community referral agencies (mental health, family planning, public health, social services).
- Provide information on other educational programs (summer school, on-line, distance education, continuing education, alternate programs).

A NOTE TO PARENTS FROM THE COUNSELLING DEPARTMENT

Although we make every effort to keep parents informed and will call when situations arise which require attention, we also encourage parents to contact counsellors whenever they have concerns about a student's progress. Please feel free to telephone us at 604-936-7205. If you prefer to communicate via e-mail, please see the website or call the school to obtain a specific counsellor's e-mail.

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 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 Career Resource Facilitator 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 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 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, on-line calendars and institution web sites are the most up to date references available. Counsellors and the Post-Secondary and Career Advisor also have information and advice 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, including are the traditional universities, such as:

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

There are also universities that 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 will need to write the Scholastic Aptitude Test (SAT I) and may also need the subject-based (SAT II) test. Normally, students planning to write SAT tests also register to write the practice SAT (PSAT) in grade 11. Information for writing this exam can be attained 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.

ELL STUDENTS

Many institutions require ELL (ESL) students to take a TOEFL/IELTS or other such proficiency test prior to admission. Some institutions might alternately 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 completion.

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 your 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 on-line. Some colleges still accept paper applications. 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 start looking at all the comprehensive course offering that Centennial has to offer!

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 MyEd 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 it in. Students will make their Course Requests on the MyEd 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

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 Grade 10 and 11 level.

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 student is applying to
3. Student preference of subject area



Course Request Forms

Students are given a form 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 for Grade 8's to use and are handed out at school for our current students. This form is a very important document and must be signed by a parent or guardian and returned by the deadline. 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).

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.

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

Day Length: Be careful when choosing more than 8 courses for Grade 10, 11 or 12. If you are adding an early-morning, late afternoon, or lunchtime class, the workload can increase. Consult with a counsellor to make sure it's a sustainable decision.

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 offer direct supervision of students for their assignments, work time, or test taking.

Number of Courses Needed (& Exceptions)

*Please note that Honour Roll/Gold Scholar calculations differ from minimum course requirements. These requirements follow this section.

MINIMUM NUMBER OF CLASSES – GRADE 9

Grade 9's take a minimum of 8 courses.

Band, Jazz Band, Choir, Fitness and Conditioning 10 are all considered extra courses over the 8.

MINIMUM NUMBER OF CLASSES – GRADE 10-11-12

Students will take a minimum of 8 classes during the year. Grade 12s do have the option if approved to take 7 courses and a Study Block. The following courses do not count towards your 'minimum' number of courses. (For grade 9-11s, consider these a "9th" course):

Course	Does it count towards your minimum 8?
Career Life Connections	No
Leadership 11/12	
Musical Theatre	Yes
Musical Theatre: Pit Band	
Gr. 9/10 Band or Choir	No (traditionally runs during Period 3 Lunch)
Gr. 11/12 Band or Choir	Yes
Fitness and Conditioning 10	No

Exception: Part-Time Students in the E.P.I.C. Program

An exception to the "full time only" rule at Centennial involves students who are accepted into the EPIC program, which is a way for a student who receives the highest level of coaching in a particular sport or artistic discipline. For example, we have an athlete with 3 courses per semester at Centennial and the rest of day learning and training for their sport on the national Olympic team.

- *Elite Performers are students who receive 20+ hours of top-level coaching or training. The program is designed for athletes who compete at the national or provincial level in club sports or Junior Level Hockey.*
- *EPIC students may qualify to have a part-time schedule at Centennial, along with COL courses.*
- *Apply through the office by May 1, 2022, if you wish to have or renew EPIC status.*
- *Please note: students enrolled in EPIC must have **80 credits to graduate**.*

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.

Awards

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



Honour Roll/Gold Scholar

CENTENNIAL HONOUR ROLLS AND GOLD SCHOLAR CRITERIA

Honour Roll

73% Average (B for Grade 9s)
Grades 9-11 (8 courses)
Grade 12 (7 courses)
No Failures

Exceptions:

- EPIC Students Qualify
- Centennial Courses only
- No Repeated Courses
- Excluded Courses not considered:
 - CLC
 - WEX
 - Leadership

Honour Roll with Distinction

86% Average
Grades 9-11 (8 courses)
Grade 12 (7 courses)
No Failures

Exceptions:

- EPIC Students Qualify
- Centennial Courses only
- No Repeated Courses
- Excluded Courses not considered
 - CLC
 - WEX
 - Leadership

Gold Scholar

Maintain Honour Roll with Distinction for grades 9-12.

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. If you intend to apply to universities after Grade 12, consider taking a language elective (French, Spanish, or Japanese).

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 on 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 on the B.C. Graduation Program must also complete three graduation assessments aligned with the redesigned curriculum.

- Graduation Numeracy Assessment
 - The Graduation Numeracy Assessment was introduced in 2018
 - Grade 10 students will usually take this exam in January & June
- Graduation Literacy Assessment
 - Grade 10's must complete the Literacy Assessment (January or June)
 - Grade 12's 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 grade 11 and 12.

Grade 9 Acceleration

GRADE 9 Honours

Incoming grade 9 students interested in acceleration should consider the pre-AP program (see Science 9 Honours in the course descriptions section of this calendar) or the accelerated math program (see Math 9/10 Accelerated in the course descriptions). Other students who wish to accelerate their program by taking courses in the second semester at the next grade level will need to obtain a written recommendation from the first semester teacher in the appropriate subject area, and then meet with a counsellor in late January. Acceleration requests will be granted only if there is room in classes after all students at the next grade level have been successfully programmed.

SCIENCE Honours: 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 the pre-AP program work with a science teacher on Science 9 in semester one and Science 10 Honours 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 Accelerated: 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 (please see QR code). 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 course descriptions for more information.



Grade 11 or 12

In grade 12, students may be eligible to take courses such as Biology 12 AP, Chemistry 12 AP, Physics AP, Calculus 12 AP and Psychology 12 AP. AP courses can be used as part of the admission requirements to many post-secondary institutes – 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 institutes. Students may also choose to participate in guided independent study, to prepare for AP exams in the subjects of their choice. Registration, information, and preview exam packages are available from the AP coordinator. To gain AP credit, students will need to write the associated AP exam in May.

Leadership Class

Leadership 9/10 & 11/12

Leadership 9/10 & Leadership 11/12 is by application only. Students are not automatically admitted to the class without first qualifying and second, completing the application process successfully. This class cannot be used as one of your 8 courses because the class occurs outside of the hours of the regular timetable.

HOW TO QUALIFY

- Be a student in good standing (excellent attendance record, no behaviour concerns)
- Be outgoing
- Be chosen by the selection committee

WHEN TO APPLY

Applications will be made available at the same time as the Course Request forms. Complete the application by the deadline on the form, and then you will be able to select it on your Course Request form as one of your courses.

Grade 9/10 Leadership Application Form: <https://tinyurl.com/2p83x3ab>

Grade 11/12 Leadership Application Form: <https://tinyurl.com/2p8549af>

Peer Tutoring Class

Peer Tutoring 11/12 (includes Athletic Leadership 11/12)

Peer Tutoring 11/12 is by application or invitation only. Students are not automatically admitted to the class without first qualifying, and second completing the application process successfully. This class can be used as one of your regular classes.

WHAT IS INVOLVED

Read the Peer Tutoring course description for full details, but the fundamentals are that you will learn some basic tutoring (teaching) skills, record-keeping, and presentation skills. Also, you will directly assist students in their work, either in a classroom, in the LC, or in another location.

Students need to be open to the possibility that their first choice of teacher sponsor might not be the one they are paired with. Also, students may be assigned to the Learning Center (LC) when and if needed by the LC staff.

Students will be required to complete weekly assignments or journals, as part of their requirements for Peer Tutoring.

HOW TO QUALIFY

- Grade 11 or 12 student
- Be in good standing in the school (no behaviour record, excellent attendance record, honour roll)
- Be hard-working, and show excellence (A-standing) in the subject areas you would like to assist with

WHEN TO APPLY

Applications will be made available at the same time as the Course Request forms. Complete the application by the deadline on the form, and then you will be able to select it on your Course Request form as one of your courses.

Youth Train in Trades Programs

The TRAIN programs are a great way for students to take advantage of tuition-free, level 1 training in 19+ trades programs. For more information visit www.43Careers.com or call/text Doug MacLean at 604-341-8977.

Trade Name	Program Details				
	Usually taken in	Student Cost	Length, Intakes & High school Credits	Location of Program	Pre-requisites
Automotive Service Technician	Grade 12	= \$400	Intake: all semester 2 16 credits	Centennial	<ul style="list-style-type: none"> Auto 11 and Auto 12 ("C+"), <u>or</u> Auto 11 ("B") and Physics 11 English Lang Arts 12 any Math 11 ("C+") "L" or "N" license + good computer skills
Auto Body & Collision Tech	Grade 12	= \$1,000	Intake: begins last week of Sept 28 weeks 28 credits	VCC (Broadway)	<ul style="list-style-type: none"> Full completion of grade 11 (a plan for English Lang Arts 12) any Auto 11 class – strongly recommended
Auto Painter & Refinishing Tech	Grade 11 or 12	= \$800	Intake: all semester 2 16 credits	VCC (Broadway)	<ul style="list-style-type: none"> Full completion of grade 11 (a plan for Eng Lang Arts 12) any Auto 11 class – strongly recommended Recommended: "L" driver's license
Baker	Grade 12	= \$1,600	Intake: begins first week of July 24 weeks 24 credits	VCC (downtown)	<ul style="list-style-type: none"> English Lang Arts 11 any Math 11 ("C+") short practicum at VCC (2-4 days) Food Safe Level 1
Bricklayer (Mason)	Grade 11 or 12	= \$275	Intake: all semester 1 16 credits	Pitt Meadows Sec. (Maple Ridge)	<ul style="list-style-type: none"> English Lang Arts 10 <u>or</u> 11 any Math 10 <u>or</u> 11 ("C+") Physical ability to do the job
Cabinet Maker	Grade 12	= \$600	Intakes: Oct + Mar 25 25 weeks 28 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> Full completion of grade 11 (a plan for English Lang Arts 12) Wood 11 <u>and</u> Wood 12
Carpenter	Grade 12	= \$425	Intake: all semester 2 16 credits	Terry Fox (15 weeks) <u>and</u> BCIT – Burnaby (6 weeks)	<ul style="list-style-type: none"> Wood 11 (and ideally Wood 12) any Math 11 ("C+") Drafting + Design 11 – strongly recommended
Cook	Grade 12	= \$400	Intake: all semester 2 16 credits	Three site options: Gleneagle, Centennial or Riverside	<ul style="list-style-type: none"> 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
Electrician	Grade 12	= \$300	Intake: all semester 1 16 credits	Dr. Charles Best	<ul style="list-style-type: none"> Full completion of grade 11 Math 11 Foundations ("B") Physics 11 any Tech Ed 10 or 11 course
Hairstylist	Grade 12	= \$3,000	Intakes: Sept, Oct, Jan, Mar + May 40 weeks 40 credits	VCC (downtown)	<ul style="list-style-type: none"> Full completion of grade 11 (a plan for English Lang Arts 12)
Heavy Duty Mechanic	Grade 12	= \$1,600	Intakes: Sept, Nov, Apr, July 36 weeks 28 credits	VCC (Annacis Island)	<ul style="list-style-type: none"> Full completion of grade 11 (including any Math 11 ("B")) Auto 11 ("B") <u>and</u> Auto 12 ("B")
Ironworker	Grade 12	= \$400	Intake: first week of January 23 weeks 20 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> Full completion of grade 11 (a plan for English Lang Arts 12) Metal/Weld 11
Metal Fabricator	Grade 12	= \$400	Intakes: Sept + Feb 23 weeks 20 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> Full completion of grade 11 (plan for English Lang Arts 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 (Cloverdale)	<ul style="list-style-type: none"> Completion of gr 11 (a plan for 12 English Lang Arts) Math 11: Found ("B") <u>or</u> Workplace ("A") at least 1 Tech Ed 11 course
Motorcycle Mechanic	Grade 12	= \$500	Intakes: Sept + Feb All semester 1 <u>or</u> all semester 2 16 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> Full completion of grade 11 Automotive 11 or related experience
Commercial Painter	Grade 11 or 12	= \$0	Intake: mid-June 6 weeks 4 credits	Fin. Trades Inst. (Surrey)	<ul style="list-style-type: none"> Full completion of grade 11 English Lang Arts 11 <u>or</u> 12
Plumber	Grade 12 (gr 11 is fine for PIC site)	= \$200	PIC - intake: mid-June for 8 wks, 8 credits KPU - intake: all of semester 2 20 credits	Piping Ind. Coll. (PIC) (Annacis Island) KPU (Cloverdale)	<ul style="list-style-type: none"> any Math 11 ("C+") PIC: Work Experience 12 with a "plumbing" placement, or have previous plumbing experience
Refrigeration Mechanic	Grade 12	= \$900	Intakes: Sept 25 weeks 24 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> Full completion of grade 11 (a plan for English Lang Arts 12) pass BCIT Mechanical Reasoning Assessment
Sheet Metal Worker	Grade 12	= \$400	Intakes: Sept + Feb All semester 1 <u>or</u> all semester 2 16 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> Full completion of grade 11 any Math 11 ("C+")
Welder	Grade 12	= \$800	Intakes: Aug, Sept, Nov, Jan + Mar 28 weeks 28 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> Full completion of grade 11 (a plan for English Lang Arts 12) any Math 11 ("C+") Metal/Welding 11 (ideally Metal/Weld 12)

Coquitlam Open Learning Course Offerings

Please see the link below for current course offerings at Coquitlam Online Learning for Grade 10-12:
<https://ce43.augusoft.net/index.cfm?method=templates.CustomTemplatePreview&ContentID=274/>

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 for our website. This will help guide you through the course selection process where you will fill out your selections on MyEd prior to meeting with your Counsellor. This sheet needs to be emailed or given to your Counsellor for their records.

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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 your preparation for post-secondary, and be ready to apply to all kinds of different opportunities, as long as you plan ahead.

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 requirement. 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
- Accounting 11/12
- Advanced Design 12
- Athletic Leadership 11/12
- Auto Technology 11/12
- Business Computer Applications 12
- Child Development 12
- Computer Programming 11/12
- Culinary Arts 10/11/12
- Digital Animation 11/12
- Drafting & Design 11/12
- E-Commerce 12
- Economics 12
- Electronics 10/11/12
- Food Studies 10/11/12
- Guitar 10/11/12
- Hockey Academy - Hockey Skills 10/11/12
- Media Design 11/12
- Interpersonal and Family Relations 11
- Marketing and Promotion 11
- Metalwork 10/11/12
- Metal Art/Jewelry 12
- Music Composition and Technology 11/12
- Power Technology 10
- Peer Tutoring 11/12
- Technology Leadership 10/11/12
- Textiles 10/11/12
- Woodwork 10/11/12
- Work Experience 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 11/12

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

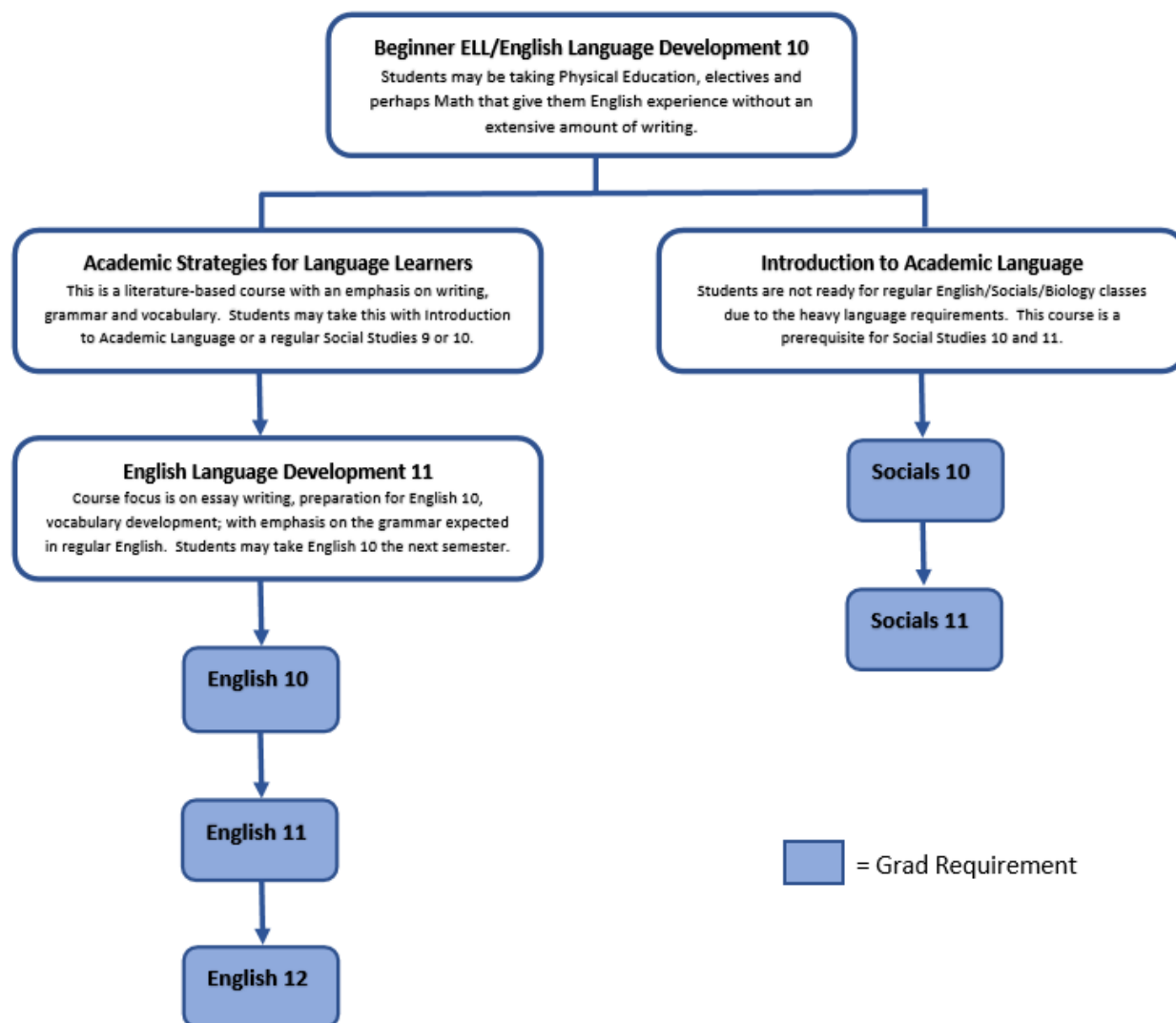
External Course Credits and Course Challenges

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.

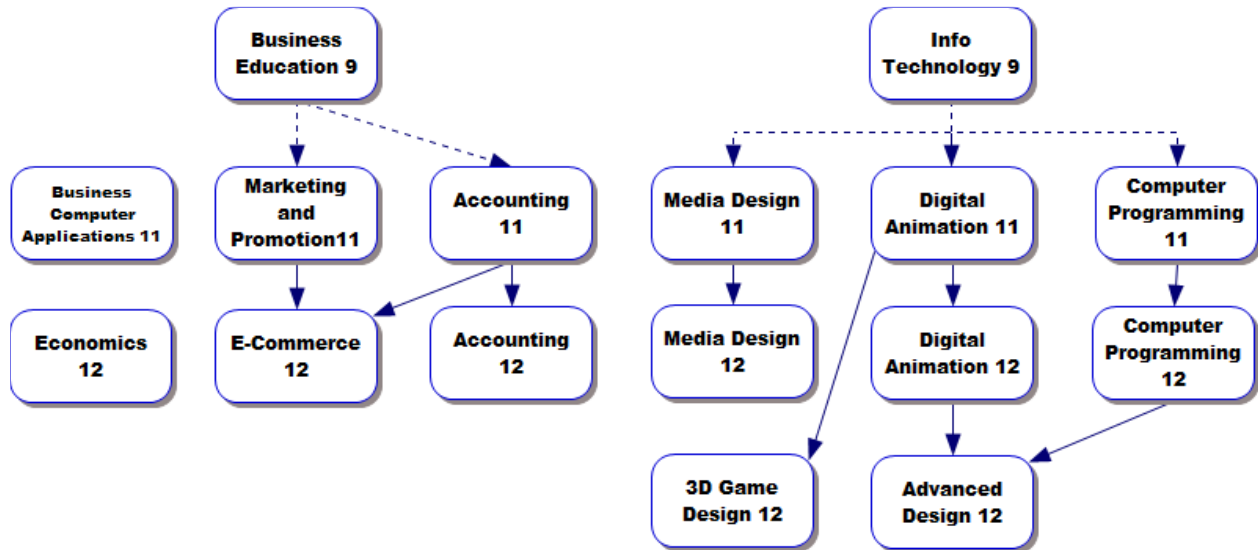
The Ministry and the School District also have a program in place that allows students who have exceptional ability in languages to challenge courses by writing a formal challenge exam. More information about external course credit possibilities and challenge procedures are available from the Counselling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

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.



BUSINESS ED & INFO TECH COURSES



Business Education 9

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

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.

Foundation: None

Information and Communications Technology 9

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

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.

Foundation: None

Accounting 11

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

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.

Foundation: None

Accounting 12

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 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.

Economic Theory 12

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 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. 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. This course also meets the Graduation requirement for Social Studies 11.

Foundation: None

Business Computer Applications 12

Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 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 the beginner 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.

Foundation: None

Marketing and Promotion 11

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

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.

E-Commerce 12

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

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.

Media Design 11

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

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, gifs. This course is very collaborative as students work creatively through the design process.

Foundation: None

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

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 11**Digital Animation 11**Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

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 modeling, and creating 3D environments will find this course valuable.

Foundation: None**Digital Animation 12**Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

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 the movies, television, special effects, advertising, and many other design and entertainment related areas.

Foundation: Digital Animation 11**Advanced Design 12**Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 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**3D Game Design 12**Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

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 toward the creation of a working 3D game. Tools for this course will include Blender, Unity, graphics editing software, and sound editing software.

Foundation: Digital Animation 11 or Computer Programming 11 or Media Design 11

Computer Programming 11

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

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

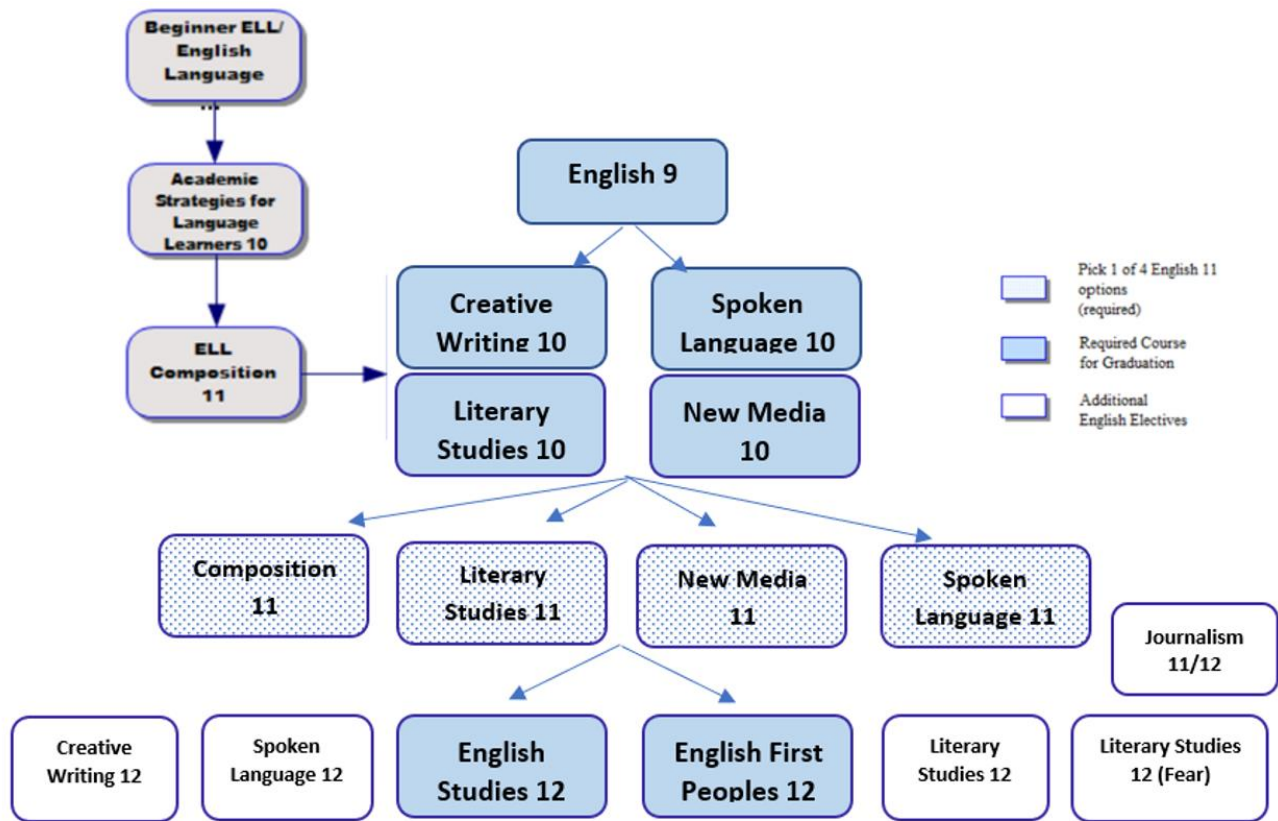
Computer Programming 12 - Game Design

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

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

ENGLISH and ELL COURSES (*ELL = English Language Learning*)



English 9

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

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.

Creative Writing & Literary Studies 10

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

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 9

Spoken Language & New Media Studies 10

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

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 strive to create and communicate in ways that show 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 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 9

Composition 11

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

Composition 11 is designed for students who want to specialize in academic writing. Students will read and study compositions by other writers and be exposed to a variety of styles as models for the development of their own writing. The course provides opportunities for students to study, create, and write original and authentic pieces. They will work through planning, drafting, reflecting, revising and editing to build a body of work that reflects their understanding of the narrative, expository, descriptive, persuasive, literary analysis, and opinion forms. Citing sources is important in Composition 11, so students will consider the credibility of evidence, and evaluate the quality and reliability of the sources they refer to in their writing. (Citing sources in essay writing is an important skill for those who plan to continue with Humanities courses such as English, History and Psychology at the post-secondary level.) The Composition 11 classroom applies the First Peoples Principles of Learning, which are based on the concepts of community, shared learning, and trust.

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

Literary Studies 11Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

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

New Media 11Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

New Media 11 is a program of studies designed to reflect the changing role of technology in society and the increasing importance of ethics in communicating and exchanging ideas. Students learn fundamental news reporting skills while covering news, sports, issues and events in the Centennial School community. They also learn to use imagination and initiative in gathering news and reporting it in a professional manner while adhering to the standards of the Canadian Press. The course also includes the essential components of Literary Studies 11 which comprises approximately half the content. It will appeal to students who enjoy writing and are curious about their surroundings. The New Media 11 classroom applies the First Peoples Principles of Learning, which are based on the concepts of community, shared learning, and trust.

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

Spoken Language 11Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

All Language Arts classes include reading, writing and speaking but this course puts an emphasis on oral communication. If you like public speaking then this course is for you but if you don't like it, you are afraid of it and/or you think you are bad at it then this course is also for you. You will be helped to overcome anxiety around public speaking improving success not only in this course but in all of your other courses too. Throughout the semester, you will engage with and create a wide range of literature both fictional and non-fictional and for a variety of purposes which might include performance pieces such as debate, slam poetry, literature recitation, storytelling, reader's theatre, radio/podcasts and video posts; oral tradition pieces such as oratory, local story knowledge, and oral history (in a variety of cultures); and professional applications such as speech writing/presenting, proposals and pitches, interviewing, radio/podcasts and video posts (for information items), and voice-overs. Student choice is important in Spoken Language 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 Spoken Language 11.

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

Spoken Language 12

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

The study of BETRAYAL in Spoken Language 12 is designed for students who want to extend their skills in oral communication from the learning they have done in earlier courses. While Spoken Language 11 is an asset, completion of any of the English 11 level options will give you suitable grounding for success in this course. This course will explore the concept of why and how people betray one another as students build a body of work that demonstrates understanding of a variety of spoken language genres which might include **performance pieces** such as debate, slam poetry, literature recitation, storytelling, reader's theatre, radio/podcasts and video posts; **oral tradition pieces** such as oratory, local story knowledge, and oral history (in a variety of cultures); and **professional applications** such as speech writing/presenting, proposals and pitches, interviewing, radio/podcasts and video posts (for information items), and voice-overs. Over time, students will be supported as they strive to develop confidence in their abilities and consolidate their spoken language skills. The Spoken Language 12 classroom applies the First Peoples Principles of Learning, which are based on the concepts of community, shared learning, and trust.

Foundation: Composition 11, Literary Studies 11, Spoken Language 11 or New Media 11 or English 11 equivalent. Please note: this course is an elective and does not replace English Studies 12.

Journalism 11/12

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

Journalism 11/12 is a four-credit elective open to students in Grades 9-12. 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 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.

Foundation: n/a

English Studies 12

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

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: Composition 11, Literary Studies 11, Spoken Language 11 or New Media 11 or English 11 equivalent.

English First Peoples 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

English 12 First Peoples is a new course designed to provide a forum for students interested in learning more about the history and experience of Indigenous peoples in our Province and in Canada, and in challenging some of the often-accepted norms of Canadian history and society as presented in mainstream Social Studies and in media, throughout the last centuries. We will consider works of storytelling, fiction, poetry, essay, and film - with emphasis in Indigenous writers and storytellers - and explore the relationships between personal experience, social, cultural, and political history, and the connections between individuals, peoples, families, and peoples, across spaces and generations. Throughout, the course will be guided by First Peoples principles of learning, as defined in the BC Curriculum.

Foundation: Composition 11, Literary Studies 11, Spoken Language 11 or New Media 11 or English 11 equivalent. Can be used for an English 12 requirement.

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

Composition 12 is an elective designed to develop an appreciation for written communication. Students will read, discuss and study a multitude of models and styles of writing. The course will provide opportunities for students, with increasing independence and self-sufficiency, to create original pieces of writing for a range of purposes and audiences that can be used in many different contexts. Students will develop their composition skills through the process of discussion, drafting, reflecting and revising. Students will receive multiple opportunities to show their understanding and learning. The following are possible areas of focus for Composition 12: Narrative, expository, persuasive, literary and synthesis with attention to thesis development, structure and transition; planning, drafting and editing; writing for specific audiences and academic disciplines; how to cite sources, incorporation of quotations, credibility of evidence and quality and reliability of given sources. The Composition 12 classroom applies the First Peoples Principles of Learning, which are based on the concepts of community, shared learning, and trust.

Foundation: Composition 11, Literary Studies 11, Spoken Language 11 or New Media 11 or English 11 equivalent. Please note: this course is an elective and does not replace English Studies 12.

Creative Writing 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Have you ever wanted to publish your own book? Now is the chance! With Writing 12 you will be creating your own original novel or collection of short stories/poems throughout the semester. You will be using the online publishing platform *Wattpad* to create and interact with other writers from around the world. Besides working through the creative writing process, students will also be exploring self-promotion and social media as they try to gather more followers/readers of their work; they also will be introduced to the world of self-publication through Amazon. Those selecting this course should already have a good command of basic writing skills and be ready to develop advanced writing techniques.

Foundation: Composition 11, Literary Studies 11, Spoken Language 11 or New Media 11 or English 11 equivalent. Please note: this course is an elective and does not replace English Studies 12.

Literary Studies 12

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

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 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.

Foundation: Composition 11, Literary Studies 11, Spoken Language 11 or New Media 11 or English 11 equivalent. Please note: this course is an elective and does not replace English Studies 12.

Literary Studies 12 (Fear)

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

Explore the literature of fear to deepen your understanding of this powerful emotion and its relation to yourself, 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. Focused areas of study may include mythology; medieval and modern plague fiction; the gothic novel and short story; fear in children's literature; comics and graphic novels; modern horror fiction; the horror film and the social thriller. As well, we will 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. This elective 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.

Foundation: Composition 11, Literary Studies 11, Spoken Language 11, New Media 11 or English 11 equivalent. Please note: this course is an elective and does not replace English Studies 12.

Beginner ELL (non-credit)

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

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

English Language Development 10 (credit)

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

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.

Introduction to Academic Language 10 (credit)Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

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: English Language Development 10 or equivalent.

Academic Strategies for Language Learners 10 (credit)Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

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: English Language Development 10 or equivalent.

English Language Development 11 (credit)Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

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: Academic Strategies for Language Learners 10 or equivalent.

ELL Tutorial 11/12Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

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.

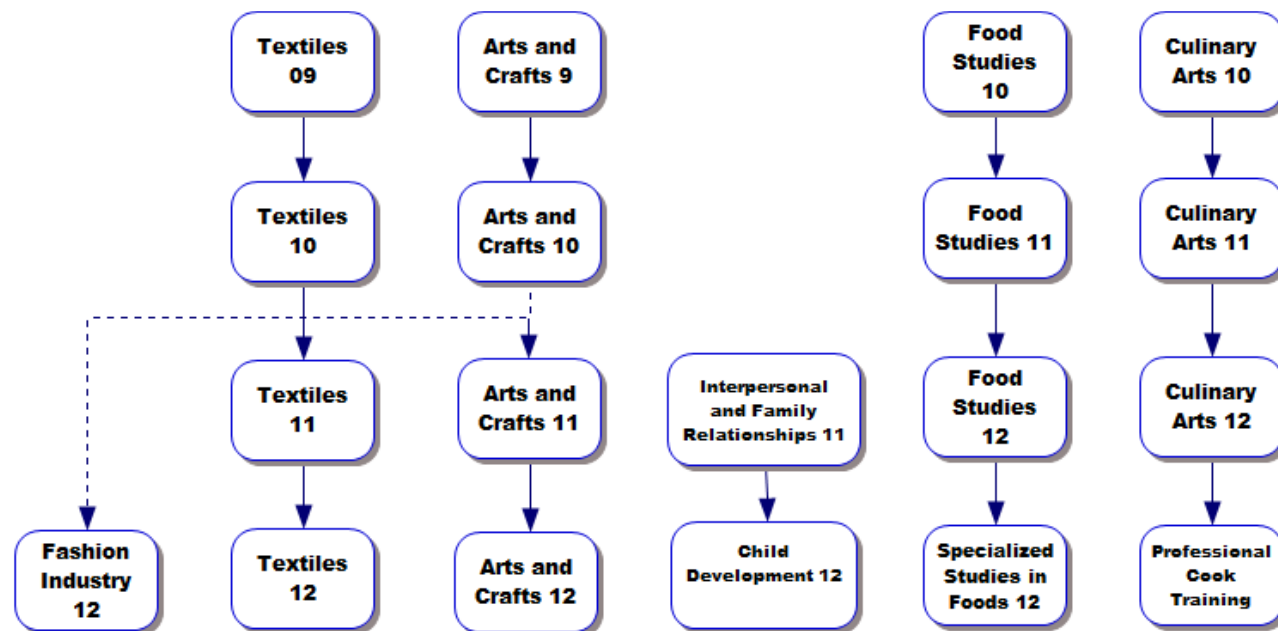
Foundation: ELD 11

Multi-Cultural Leadership 10/11/12Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

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.

Foundation: n/a

HOME ECONOMICS COURSES



ADST Food Studies 10 (Beginner)

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

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!

Foundation: None

Food Studies 11 & 12 (Intermediate)

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

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 tasty. You will practice your new skills not only in the Foods lab, but also cooking at home.

Foundation: Successful completion of Culinary Arts 10 or Foods 10 is recommended.

ADST Culinary Arts 10/11Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

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 is encouraged.

Culinary Arts 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 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

Professional Cook 1 (PC 1) Youth Training in TradesGrade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Professional Cook level 1 is a tuition free trades training program that provides dual credit for high school courses and a level 1 certificate towards an Inter-provincial Red Seal in Professional Cooking. This post-secondary training opportunity is a partnership between the Industry Training Authority (ITA) and the Coquitlam School District's Training in Trades program. This PC1 program is offered at Centennial during the second semester and requires four blocks of classes, which include three practical training blocks and one block of theory training each day. Training in this program will prepare students to handle the day to day demands of working in the culinary industry. Areas of study for PC1 include applications in the preparation and presentation of vegetables, soups, sauces, meats, fish and poultry, cold kitchen items; desserts, baking and pastries. This program will also include basic menu planning/costing as well as advanced study in safety, and sanitation procedures. Students will learn classical French cooking methods mixed with modern international cooking techniques, under the direction of a Red Seal Teaching Chef. Students can register for Professional Cook Level 1 upon completion of grade 10 or equivalent literacy and numeracy skills courses.

Application for this program can be found at: [http://www.sd43.bc.ca/CareerPrograms/Pages/Cook.aspx#/="](http://www.sd43.bc.ca/CareerPrograms/Pages/Cook.aspx#/=)

Course Fees: 250.00 mandatory fee for textbooks, learning guides and uniform.

Foundation: Culinary Arts 12

Textile Arts & Crafts 9/10

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

TAC 9/10 is a hands-on course where you can learn to make decorative items for yourself or to give as gifts. Students will learn about many crafting techniques and supplies. Projects include hand – sewing / embroidery, polymer clay, beading, scrapbooking, soap making, and holiday projects and decorations. Evaluation is based on completed project work, as well as project management.

Foundation: None

Textile Arts & Crafts 11

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

If you enjoy crafting and making gifts, TAC 11 is the class for you. Seasonal celebrations like Halloween, Christmas, Valentine’s Day, Easter and Mother’s Day provide inspiration for crafting. Projects may include hand-sewing, appliqué, decoupage, loom knitting hats and scarves, candle making, latch-hook rug making and seasonal decorations. Evaluation is based on completed project work as well as project management.

Foundation: None

Textile Arts & Crafts 12

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

TAC 12 builds on the knowledge , skills, and techniques learned in TAC 9 and 11. Students will complete more advanced and more complex projects. New fibre crafts such as needle-punch, felting and quilting will be explored. Students can demonstrate their creativity by work independently on projects of their own choosing. Evaluation is based on completed project work and project management, Some projects may require machine sewing, but no experience is necessary.

Foundation: Textile Arts and Crafts 11 is encouraged.

Textiles 9/10 (Sewing)

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

Learn to Sew! Textiles 9/10 is designed to help you learn the basics, the practical sewing skills needed to create clothing that you will be proud to wear. In this course you will make 3 garments (a shirt/hoodies, pant/skirt and a choice project) along with several smaller projects (accessories, home décor) based on time and student interest. We will learn how to choose fabric, how to work with a commercial patterns and make simple alterations. We will explore the process of upcycling and consider the environmental and ethical impacts of our clothing choices. This is a perfect course for beginners, no experience needed.

Foundation: None

*First-time Textiles students can take Textiles 9 or 10, and second-time students can take Textiles 11 or 12.

Textile Studies 11/12 (Sewing)

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

Textiles 11/12 is designed to build on the skills taught in Textiles 9/10. Students will continue to develop their skills by working with more challenging fabrics, learning to modify patterns to fit their body type and working with a serger. We will explore ways to repurpose textiles items, how fashion is marketed, and the ethical issues behind producing textile items. Three to four clothing items will be made, based on student experience and skill level. Beginners welcome.

Foundation: Students are encouraged to have taken Textiles 9 or Textiles 10

Fashion Industry 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

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.

Foundation: None**Child Development and Caregiving 12 (2021-22)**Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

(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 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.

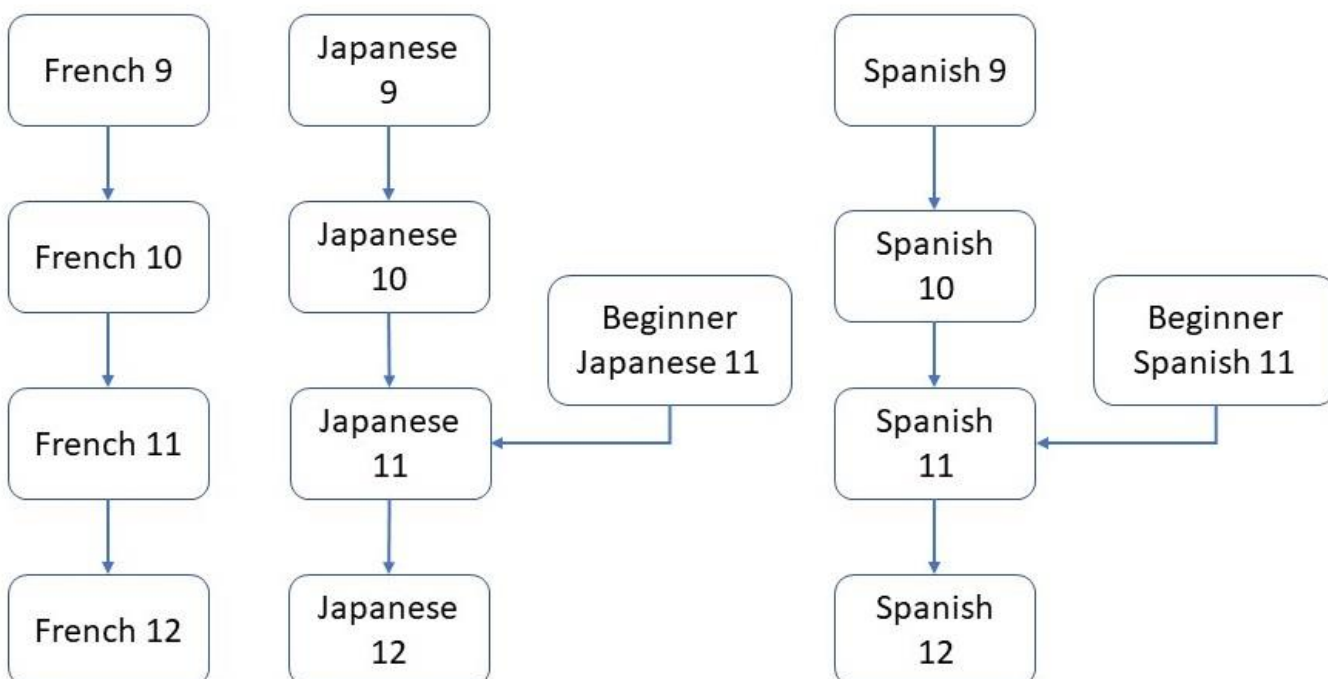
Foundation Course: None**Interpersonal and Family Relationships 11 (2022-23)**Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

(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.

Foundation: None

LANGUAGES COURSES



French 9

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

French 9 builds on skills in French 8, and encourages students' active participation in acquiring a basic functional level of both spoken and written French. 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.

Foundation: French 8

French 10

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

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. Aspects of francophone culture will be introduced. The emphasis will be on communication, both written and spoken.

Foundation: French 9

French 11

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

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

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

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

Japanese 9 is an introductory course. A multimedia approach (songs, games, video and audio tapes) will be used to bring Japanese culture into the classroom. Japanese 9 is a communications course, which will allow students to function in a variety of situations. Students will learn to read and write Hiragana as well as to converse in simple Japanese.

Foundation: None

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

Japanese 10 is designed to enhance the student's ability to communicate in the Japanese language. Students will learn Katakana and Kanji. The emphasis will be on grammar and conversational Japanese.

Foundation: Japanese 10

Japanese 11 (Introductory)Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

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

Foundation: None. This course is intended for students making a late (grade 11) entry into a second language program.

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

Students will maintain and build on the previous courses with an emphasis towards conversational fluency. An increased number of Kanji will be introduced. Some exploration of culture will be included.

Foundation: Japanese 10 or Japanese 11 (Introductory).

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

Japanese 12 is a demanding course that will continue to build on what students learned in Japanese 11, but with more emphasis on reading and writing. Japanese 12 provides challenging activities that will help students understand more about the Japanese language and culture.

Foundation: Japanese 11

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

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.

Foundation: None

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

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

Spanish 11 (Introductory) Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

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: None. Course is intended for students making a late (grade 11) entry into a second language program.

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

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 (Introductory)

Spanish 12 Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 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, essay writing, and study of 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.

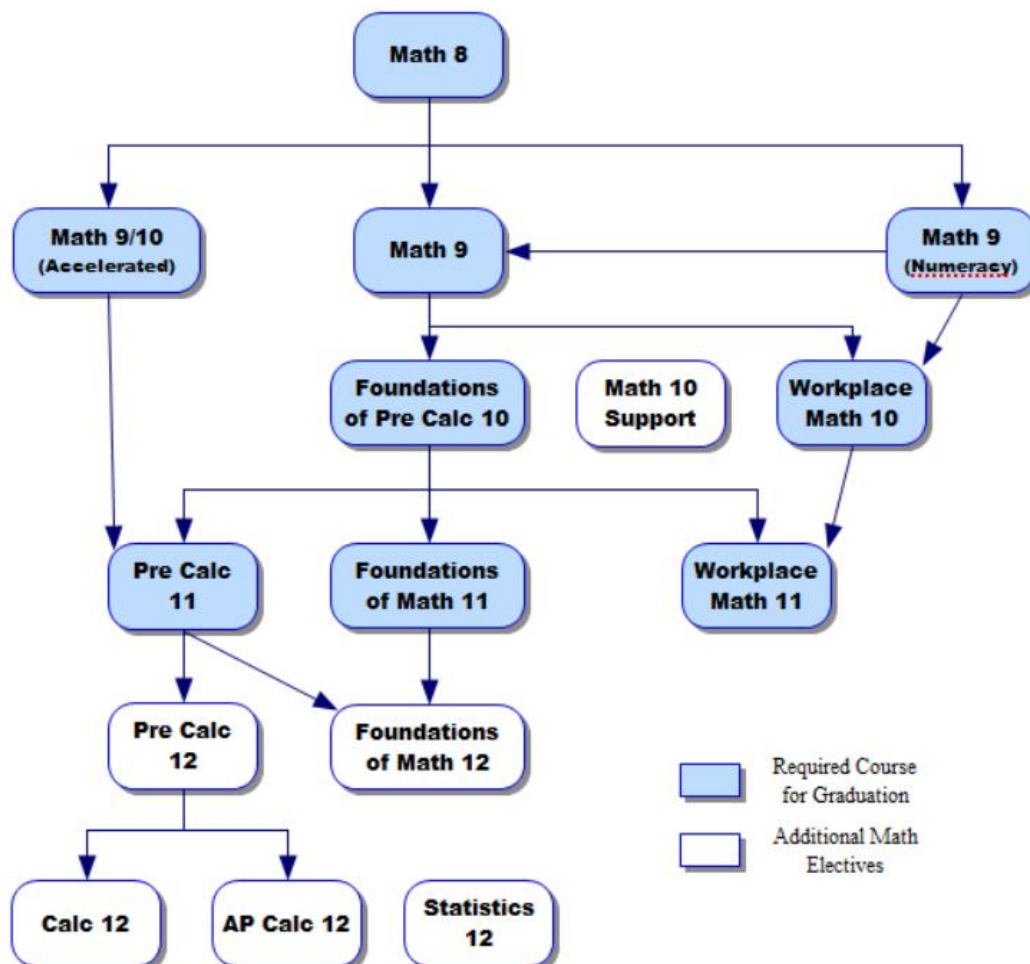
Foundation: Spanish 11

MATHEMATICS COURSES

Check out Stats 12!!

Selecting the appropriate math course is an important decision during your time at Centennial. The following helpful tips were created to ensure you are successful in your navigation of 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.
- ❖ Pre-Calculus Math increases in difficulty as you move from grade 10-12. It is strongly recommended to have a B level standing in the previous course to succeed in the next level.
- ❖ Recommendations from teachers will be denoted on Report Cards at the end of the course. This along with consultation with your counsellor will help to ensure you are selecting an appropriate level every year.



Numeracy/Math 9 (Full Year):

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

This course is a year-long course that begins with Numeracy 9 in Semester 1 and continues with Math 9 in Semester 2. It is intended for incoming Grade 8 students who are not yet ready for Math 9 but would like to build their skills in a supportive environment and complete a university-prep mathematics sequence in Grades 10-12. Topics covered include a review of order of operations, basic algebraic techniques, integers, fractions, and graphing along with the topics covered in a traditional Math 9 class. Students will receive a mark for Numeracy 9 and a mark for Math 9.

Students should be recommended for this program through the articulation process from middle school.

Foundation: Math 8

Math 9

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

This course is designed to consolidate and extend topics introduced in the middle school years. Topics include operations with rational numbers, square roots and 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.

Foundation: Math 8

Numeracy 9

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

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 associated concepts in the context of thematic units based on real-world problems. Upon completion of Numeracy 9, students are prepared to enter directly into Math 10 Workplace. Students who need extra support with basic math skills but would like to complete a university prep mathematics sequence (Foundations or Precalculus) should register for Numeracy/Math 9 course.

Math 9/10 Accelerated

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

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 and Counsellor is required.

Foundation: Math 8 and recommendation from the Grade 8 teacher and Counsellor.

Math 10 Support

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

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 the first semester, with the expectation that students will enter the Foundations and Pre-Calculus Math 10 course in the second semester.

Foundation: Math 9 with a mark of C or C-.

Workplace Mathematics 10Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

This option is designed to provide students with the mathematical understanding and critical-thinking skills identified for entry into the majority of trades 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

Foundations of Mathematics & Pre-Calculus 10Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

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 with recommended C+ or higher OR in conjunction with Math 10 Support

Workplace Mathematics 11Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☐

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

Foundations of Mathematics 11Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☐

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. 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

Pre-Calculus Mathematics 11Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☐

This course is designed to provide students with the mathematical understandings and critical-thinking skills. This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. This 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

Foundations of Mathematics 12

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

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. 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

Pre-Calculus 12

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

This course completes the Pre-Calculus sequence of mathematics and provides mathematical understandings and thinking skills 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, trigonometry and trig identities, and conics. This course requires fluency with algebraic manipulation and graphing.

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

Calculus 12

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

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

Advanced Placement Calculus 12

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 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 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

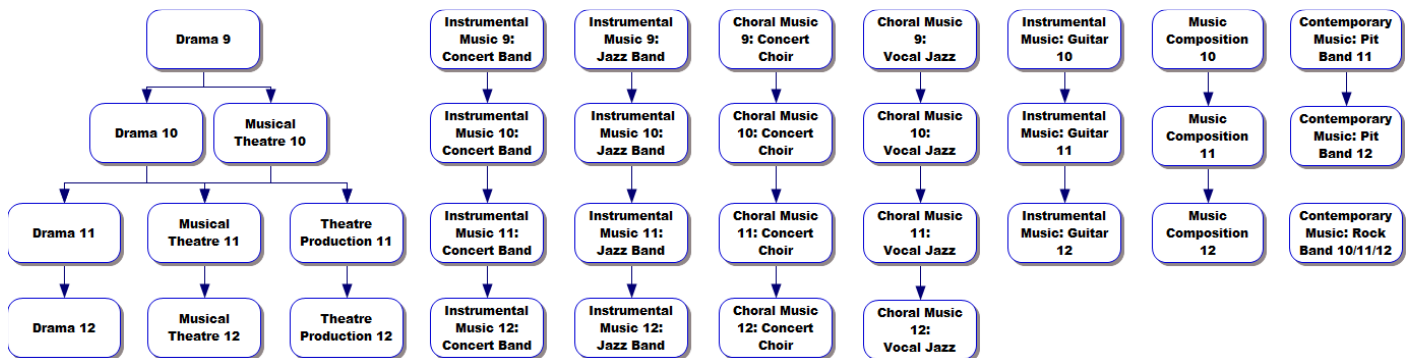
Statistics 12

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

NEW! 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. The focus throughout the course is on understanding and interpretation of statistical results, and the course emphasizes intuitive approaches based on software and technology as well as the clear and appropriately justified communication of statistical findings. 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

PERFORMING ARTS COURSES



Drama 9

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

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.

Foundation: None

Drama 10

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

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.

Foundation: None

Drama 11

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

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.

Foundation: None

Drama 12

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 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: None

Directing & Script Development 11/12

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

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: None however Drama 10 is recommended.

Musical Theatre 10/11/12

Grade 9 (with permission) ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

Through participation in the rehearsal, production, and performance of a Broadway musical, students will practice and polish singing, acting, and dancing skills. Centennial has a long history of producing quality musicals for the school and community. This course is designed for the serious actor, singer, or instrumentalist 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 instructors for grade 9.

Theatre Production 11

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

This course REQUIRES extensive after school hours in addition to in-class work. Students must be willing to attend after-school rehearsals several days per week from Oct-December and DAILY after school rehearsals in 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 have an interest in learning set building skills for theatre and stage management or 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 work will begin on sound and lighting design.

Foundation: None

Theatre Production 12: Technical Theatre

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

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 from Oct-February and DAILY rehearsals in 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 running those lights/sound during production.

Foundation: Theatre Production 11 or permission of the instructor.

Instrumental Music: Guitar 10

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

If you are new to guitar or you 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.

Instrumental Music: Guitar 11/12Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 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. Creating parts for 2 guitar players, learning to use alternate tunings and exploring common guitar styles i.e. r and b, blues, funk, and pop guitar. Song form would be studied and students would compose some original music for guitar.

Foundation: Guitar 10 or guitar experience.

Music Composition & Production 9/10Grade 9 ☒ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

No previous training in music is required. 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 how to compose with a guitar. A variety of guitar genres will be covered (folk, pop, rock etc.)

Foundation: None

Music Composition & Production 11Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

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: None

Music Composition & Production 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

This course starts where students finished 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

Contemporary Music 10/11/12 (Rock Band)Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 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: modern pop, rock, rap 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.

Music 9: Concert Band

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

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 included 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. Please contact the music director if you have questions.

Foundation: None

Instrumental Music 10: Concert Band

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

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

Instrumental Music 11: Concert Band

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

Continue your musical development while exploring concepts in music through various listening, creating, and performing activities. 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.

Instrumental Music 12: Concert Band

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

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. This alternate day course runs all year.

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

Music 9: Jazz Band

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

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.

Instrumental Music 10: Jazz Band

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

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.

Instrumental Music 11: Jazz Band

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

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.

Instrumental Music 12: Jazz BandGrade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

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.

Music 9: Concert ChoirGrade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

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.

Foundation: None

Choral Music 10Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

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.

Foundation: None

Choral Music 11: Concert ChoirGrade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

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 of the director.

Choral Music 12: Concert ChoirGrade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

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 of the director.

Music 9: Vocal JazzGrade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

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 will run in conjunction with Music 9: Concert Choir, fitting easily into your timetable as an extra course in the same block. Interested students must be enrolled in the corresponding level of Concert Choir.

Choral Music 10: Vocal JazzGrade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

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. Interested students must be enrolled in the corresponding level of Concert Choir.

Choral Music 11: Vocal Jazz

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

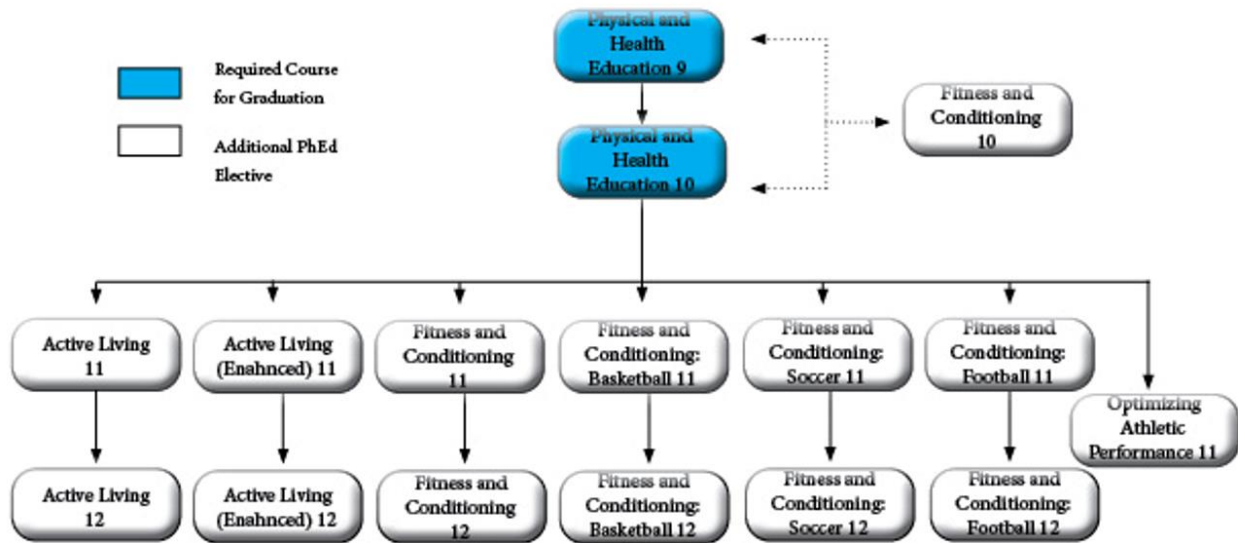
This course will explore the exciting genre of Vocal Jazz. Develop the vocal jazz style, microphone technique, and staging awareness while performing challenging jazz harmonies. It will run in conjunction with Music 11: Concert Choir, fitting easily into student timetables as an extra course in the same block. Enrollment is by audition only. Interested students must be enrolled in the corresponding level of Concert Choir.

Choral Music 12: Vocal Jazz

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

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. It will run in conjunction with Music 12: Concert Choir, fitting easily into student timetables as an extra course in the same block. Enrollment is by audition only. Auditions will take place in January. Interested students must be enrolled in the corresponding level of Choir.

PHYSICAL AND HEALTH EDUCATION COURSES



Physical and Health Education 9

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

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

Physical and Health Education 10

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

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: PHED 9

Active Living 11 & 12

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

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 does not offer any field trips as all activities are done in-school; therefore, there is no course fee attached to this class.

Foundation: PHED 10

Active Living (Enhanced) 11 & 12

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

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 experiences (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, Go-Karts, Trampoline Park, Bowling, Skating, Lazer Tag, Billiards, among others.

Foundation: PHED 10

Fitness and Conditioning 10

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

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!

Foundation: None

Fitness and Conditioning 11/12Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

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: PHED 10**Fitness and Conditioning 11/12: Basketball**Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

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. A majority of class time is spent focused on individual skill development and offensive/defensive concepts as well as sport specific fitness and theory. The AM class runs on a linear schedule starting at 7:00 AM four days a week from September to November and April to June.

Foundation: PHED 10**Fitness and Conditioning 11/12: Football**Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☐

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.

Foundation: n/a**Fitness and Conditioning 11/12: Soccer**Grade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

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-November and April-June.

Foundation: n/a

Fitness and Conditioning 11/12: Women's Fitness

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

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.

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

Foundation: PHED 10

Optimizing Athletic Performance 11 (Academy)

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

Elite athletes have specific needs and requirements in order to achieve their desired goals. This course is designed for athletes that want to learn about and partake 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.

Course Fee: This course will have field trips and guest speakers/coaches and therefore will cost an additional fee of \$745.

Foundation: None

Optimizing Athletic Performance 12 (Academy)

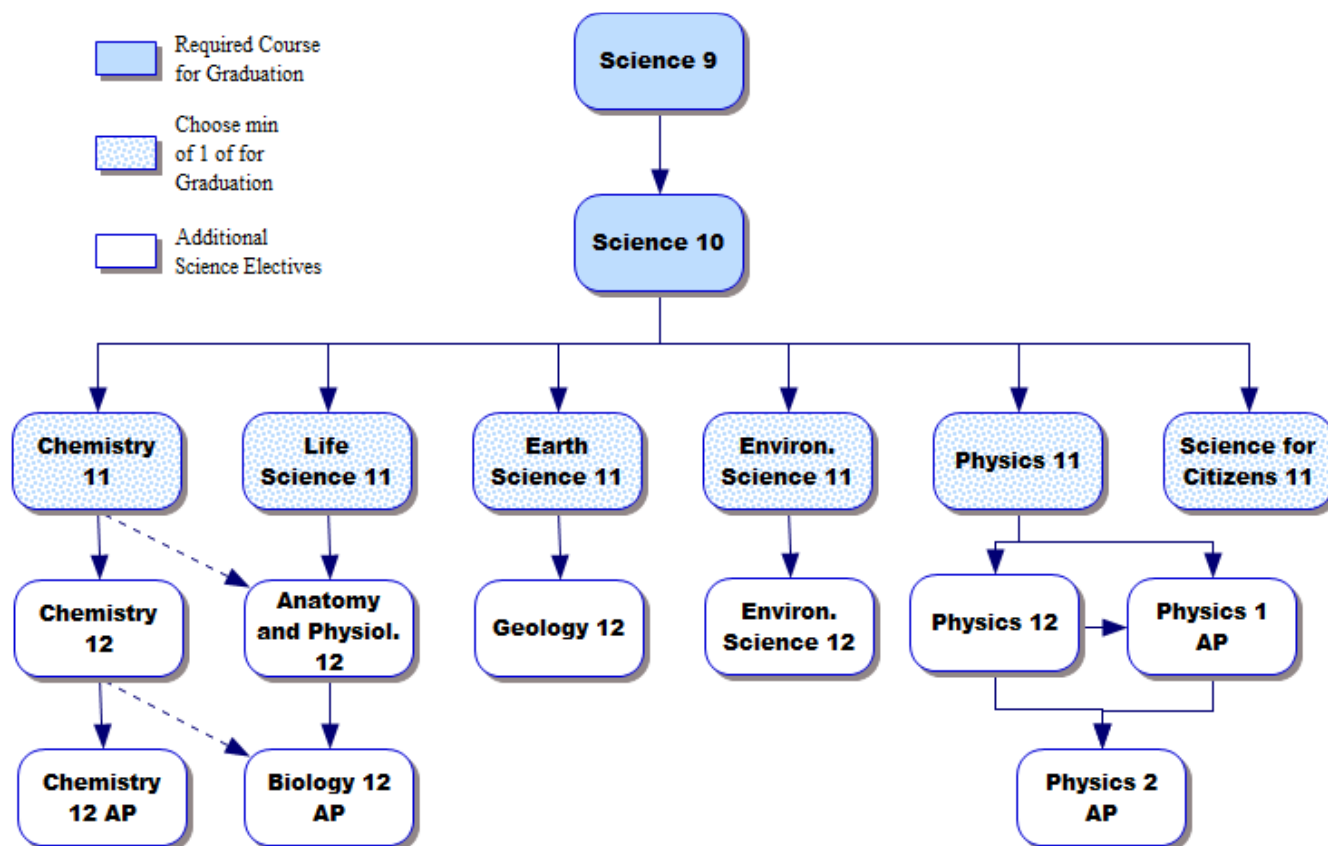
Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

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 application, 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.

Course Fee: This course will have field trips and guest speakers/coaches and therefore will cost an additional fee of \$745.

Foundation: None

SCIENCE COURSES



Science 9

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

The Science 9 course introduces students to individual and group discovery 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 a C- in Science 8 are recommended to have an LEC support block concurrently when taking Science 9.

Science 9 Honours

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

This program allows academically strong grade 9 students to accelerate, thereby providing some additional preparation time for the Advanced Placement science courses in their grade 12 year. Grade 9 students in the Honours program are enrolled in Science 9 Honours in the fall semester. In the second semester of their grade 9 year, students then take Science 10 Honours. 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 from a variety of AP Seminar science courses. A separate application form and recommendation from the Science 8 teacher and Counsellor is required.

Science 10

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

The Science 10 course encourages students to work together in a laboratory setting to safely 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 critical thinking skills and proper lab skills, and to instill appropriate attitudes about safety. This course is a mandatory graduation requirement.

Foundation: Science 9

Science 10 Honours

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

Science 10H covers the same topics as the regular Science 10 course, but with some enhancements, and at a slightly quicker pace. The course is meant for academically strong students who are interested in taking more than one specialty Science course at grade 11 and 12 levels. 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. Students will have the opportunity to participate in Science contests and competitions to enrich their learning. Typically, students are enrolled in Science 10 Honors after first completing Science 9H; however, interested students may apply with a recommendation from a Science 9 teacher and a counsellor.

Foundation: Science 9 Honours or Science 9 with a final grade of A

Science for Citizens 11

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

This course will take a unique approach to science by looking at the practical applications of scientific principles and evaluating the positive and negative effects of technology on society and the environment. Advances in various areas such as communications, energy and resources, health, transportation, and manufacturing will be investigated. Problem solving will be emphasized and evaluation will involve a combination of classroom and project work. This course will fulfill the Science 11 requirement for graduation but not for university entrance.

Foundation: Science 10

Life Sciences 11

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

Life Sciences 11 is the first course in the secondary Biology program and is designed to introduce students to the diversity of living organisms and their adaptation to their environment. The major Kingdoms are studied, 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. Students also acquire study and critical thinking skills necessary for Anatomy & Physiology 12. It is recommended that students are proficient in reading, comprehension, and expository 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

Anatomy and Physiology 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

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: digestive, respiratory, circulatory, excretory, nervous, and reproductive 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. It is recommended that students are proficient in reading, comprehension, and expository writing. There is an optional course fee to cover a fetal pig dissection which is no longer part of the curriculum, but many students still want to participate in it. If a student chooses not to opt-in and pay for the optional dissection, many other appropriate activities will be available to fully cover the curricular and content competencies.

Foundation: Chemistry 11 - the physiology portion of the course requires strong foundational knowledge of atomic theory, basic organic chemistry, understanding of pH and catalytic reactions. Life Science 11 is highly recommended prior to taking Anatomy and Physiology 12 as foundational study skills, practical laboratory skills and analytical skills are taught and practiced throughout Life Science 11.

Advanced Placement Biology 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 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 an extensive inquiry-based laboratory component. 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 (Biology 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. Please see a counsellor for a supplemental application form for this course.

Chemistry 11

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

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 equations..

Foundation: B standing in Science 10 and a C+ in Math 10 Foundations and Pre-Calculus is recommended.

Chemistry 12

Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 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 re-enforce 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.

Foundation: C+ standing in Chemistry 11 and Pre-Calculus Math 11/12 is recommended.

Advanced Placement Chemistry

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

This course covers material equivalent to first year university chemistry. It is an excellent preview of university chemistry and will give students an advantage in post-secondary science programs. Labs will be done in class and virtually (via software). Course topics include: Unit 1 – Structure of Matter (atomic structure, chemical bonding, nuclear bonding); Unit II - States of Matter (gases, liquids and solids, solutions); Unit III – Reactions (types, stoichiometry, equilibrium, kinetics, thermodynamics); and Unit IV – Organic Chemistry. 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.

Foundation: Chemistry 12

Earth Sciences 11

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

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 limited field studies. This course fulfills the Science 11 requirement for graduation.

Foundation: Science 10

Environmental Science 11

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

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 fieldwork and will help you understand what's happening in the world around you

Foundation: Science 10

Environmental Science 12Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

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

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

This is the first course in the secondary school Physics program and is designed to introduce students to the study of Physics as a formal scientific discipline. Since Physics 11 offers the opportunity to experience a structured scientific approach to the forces affecting the natural world, strong mathematical problem-solving skills are required. It focuses on the motion of objects in one and two dimensions and applying the classical Newtonian foundations of mechanics in preparation for grade 12. Grade 11 Physics also provides the opportunities to explore sound waves and electric circuits. Students will be encouraged to develop a positive attitude towards physical sciences. There will be the opportunity to compete in local, national, and international physics competitions.

Foundation: B standing in both Science 10 and Foundations of Pre-Calculus 10 is strongly recommended.

Physics 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 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 structured mathematical foundation for applying physical laws to the two and three-dimensional world. Classical Newtonian mechanics, introduced in grade 11, are further explored for the first half of the course, while the second half provides students with an introduction to Einstein's special relativity and a thorough grounding in electromagnetism. Students will have the opportunity to compete in local, national, and international physics competitions.

Foundation: Recommended B standing in Physics 11

Physics 1 APGrade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

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 if college or university credit or advanced placement is granted. Topics of study include all of the material studied in Physics 11 and additional topics beyond the BC curriculum. Many of these topics are examined in greater detail depth.

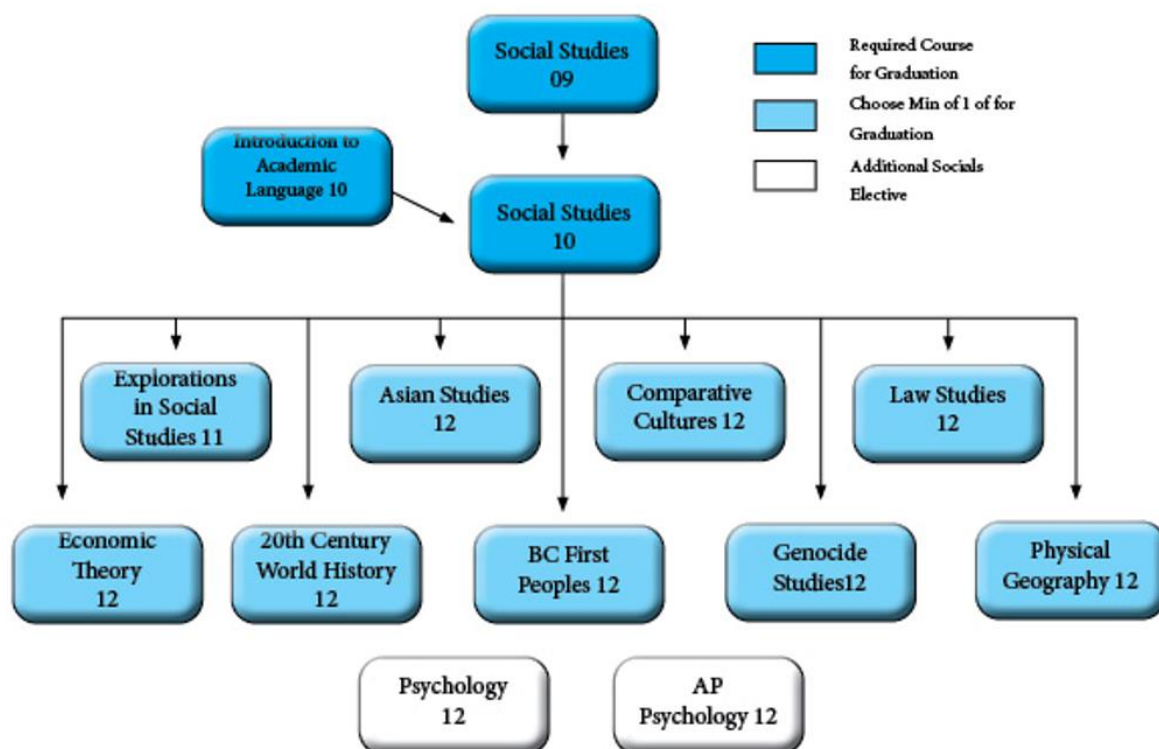
Foundation: Recommended B standing in Physics 11 (concurrently if available).

Physics 2 APGrade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 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).

SOCIAL STUDIES COURSES



Social Studies 9

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

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.

Foundation: None

Social Studies 10

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

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

Explorations in Social Studies 11Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

This is a new course that gives students the opportunity to explore a variety of themes and topics in sustainability, political systems, current social issues and the development of cities. Students will explore big ideas from 4 or more of the following courses: Urban Studies, Social Justice, Political Studies, Human Geography, Economic Theory, Contemporary Indigenous Studies or Comparative World Religions. Students will recognize how these topics play a role in their day to day lives. This course provides graduation credits for Social Studies and provides skills and understandings for future Social Studies course work.

Foundation: Social Studies 10

20th Century World History 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 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, 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.

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

Asian Studies 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

Asia is Canada's second largest trading partner. China and India represent almost half the world's GDP. How have political, economic, social, and cultural events shaped the nations of Asia to their current states? Asian Studies is a course that focuses on political, economic, social, and environmental issues in various parts of Asia from 1850 to the present. This course also explores how the diversity of Asia's physical and human resources has contributed to the development of distinct regions. This course also studies how colonialism, imperialism, resources, and geography have contributed to conflicts and the movement of people in Asia. Other topics of interest include rapid industrialization, urbanization, economic growth, relations between Asian and Western nations, and human rights.

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

BC First Peoples 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

This course is similar to the previously offered course entitled BC First Nations 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 People's in the media and sports.

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

Comparative Cultures 12

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

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 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. Possible areas of investigation include: Gobekli Tepe, Mesopotamia, Ancient Egypt, India, China, the Roman Empire, Feudal Japan, Maya, Inca, the Byzantine and local First Nations cultures. Classroom workshops and guest speakers are valuable parts of this course.

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

Genocide Studies 12

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

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, political science including diplomacy, mediation and reconciliation.

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

Law Studies 12

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 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.

Foundation: Studies 10 (recommended a B or higher in Social Studies 10. This course is based on Grade 12 level curriculum; learning outcomes and expectations of students will be evaluated as such).

Physical Geography 12

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

While travelling, have you ever experienced a different climate, a unique landscape or strange weather pattern and wondered how it was caused? 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 is geographically literate and therefore able to make informed decisions about the sustainability of the Earth's resources and the future of the human species on our planet. Field trips are a valuable part of this course and may include short walking tours, a visit to the Sea to Sky corridor, and a trip to explore our local waterways.

Foundation: Studies 10 (recommended a B or higher in Social Studies 10. This course is based on Grade 12 level curriculum; learning outcomes and expectations of students will be evaluated as such).

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

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 who have an interest in psychology and wish to pursue it further at post-secondary. Topics of study include sensation and perception, learning, human development, personality and psychological disorders.

*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

Advanced Placement Psychology 12 SeminarGrade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 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: Social Studies 10 (it is strongly 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 is recommended as this is a university-level Psychology preparation-based course.

Social Justice 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

This elective 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 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.

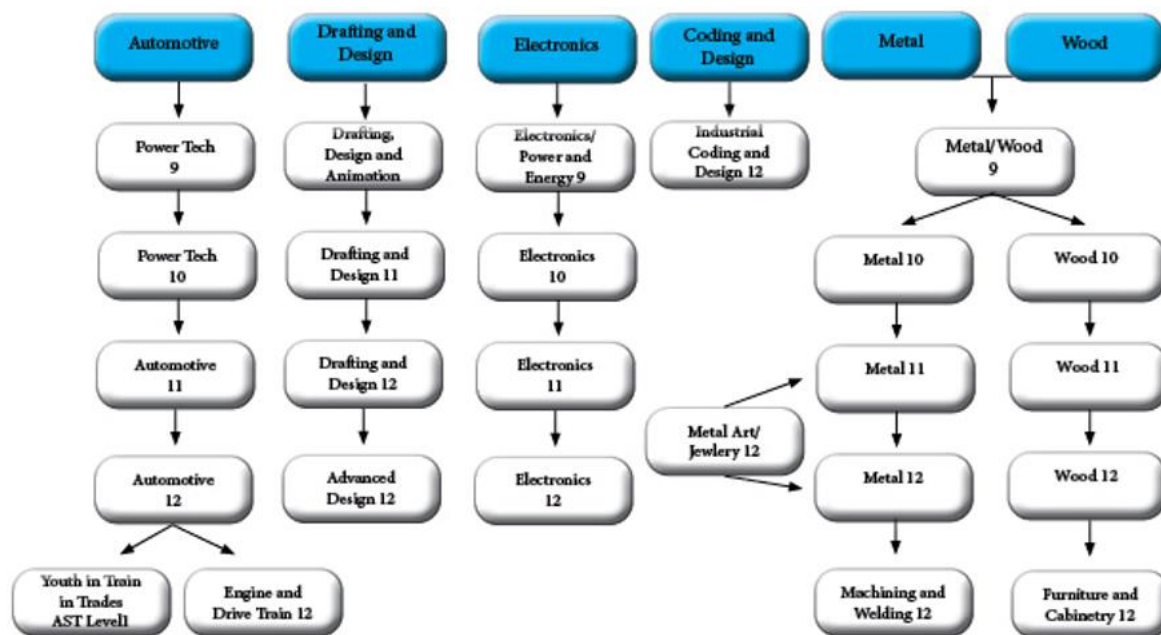
Foundation: Social Studies 10

Economics Theory 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 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

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.

ADST: Drafting, Design & Animation 9

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

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 modeling, 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 a useful set of skills that can be applied to many career and life choices.

Drafting and Design 11

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

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 modeling, 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.

Foundation: None

Drafting and Design 12Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

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 11

ADST Power Technology 9Grade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

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.

Leads to: Power Technology 10

ADST Power Technology 10: Bicycles, small engines, automobilesGrade 10 ☒ Grade 11 ☒ Grade 12 ☐

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 9

Leads to: Automotive Technology 11

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

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 10 and all grade 11/12 students.

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

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.

Foundation: Automotive Technology 11

Engine and Drivetrain 12

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

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.

Foundation: This course is open to any student enrolled in Automotive Technology 12.

AUTOMOTIVE SERVICE TECHNICIAN - LEVEL I APPRENTICESHIP

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

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. Foundation: Completion of both Auto Technology 11 and 12 with a minimum C+; English 12 (taken no later than first semester of grade 12); Workplace Math 11 with a minimum B or completion of Foundations OR Pre-Calculus Math 11; Physics 11 recommended. 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 (taken no later than first semester of grade 12); Workplace Math 11 with a minimum B or completion of Foundations OR Pre-Calculus Math 11

Technology 9: Electronics/Power and Energy

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

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 competed.

Leads to: Electronics 10

ADST Electronics and Power 10

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

The Electronics 10 course at Centennial is divided into three sections. Those 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: Open to all grade 10, 11, and 12 students.

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

The Electronics 11 course at Centennial is continuation of the skill 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, practical skills used for either career or personal goals.

Foundation: ADST 9: Electronics and Technology or Electronics 10

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

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 Highschool 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, practical skills used for either career or personal goals.

Foundation: Electronics 11

ADST 9: Metal/WoodGrade 9 ☒ Grade 10 ☐ Grade 11 ☐ Grade 12 ☐

Students enrolled in this course will learn about metalworking for one 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.

Leads to: Metalwork 10, Woodwork 10, Art Metal 12.

ADST Metalwork 10Grade 9 ☐ Grade 10 ☒ Grade 11 ☐

☒ Grade 12 ☒

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: Open to students in grades 10, 11 and 12.

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

This course is a continuation of the metalwork 10 skill-development course. Students will add to their skills, knowledge, and experience with emphasise 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 10.

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

This course explores a series of creative metal sculpture and jewellery-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 throughout a variety of fun, skill-challenging projects. Strong employability skills and attention to safety is required for this course.

Foundation: Metalwork 11.

Metal Art & Jewelry 12Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

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 throughout a variety of fun, skill-challenging projects. Strong employability skills and attention to safety is required for this course.

Foundation: No Metalwork experience necessary. Leads to Metal 11, Metal 12

ADST Woodwork 10Grade 9 ☐ Grade 10 ☒ Grade 11 ☒Grade 12 ☒

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: No previous experience required

Leads to: Woodwork 11, Woodwork 12, Furniture and Cabinetry 12

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

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 additional 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. As an intermediate level course Woodwork 9 or 10 are recommended.

Foundation: Woodwork 10

Leads to: Woodwork 12, Furniture and Cabinetry 12

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

This senior level 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 woodworking 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 woodwork specific skills. Safety and proper use of tools and equipment will continue to be emphasized.

Foundations: Woodwork 10 or 11

Leads to: Furniture and Cabinetry 12, further study at BCIT or other technical institute

Furniture and Cabinetry 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

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.

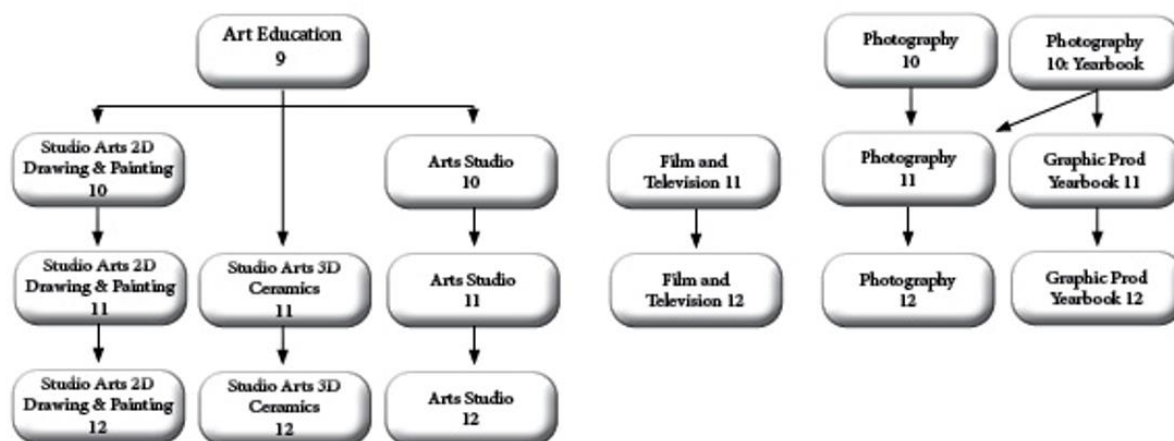
Foundation: Woodwork 11; Woodwork 12 recommended.

Industrial Coding & Design 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

This course blends computer design with industrial manufacture. 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.

Foundation: n/a

VISUAL ARTS COURSES



Art Education 9

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

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.

Studio Art 2D 10 (Drawing and Painting)

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

Studio Art 2D allows students, previously enrolled in Visual Arts 9, the opportunity to create two-dimensional art, using imagination and inquiry. Students will explore, describe, and identify different techniques and processes while also refining their artistic skills. Possible mediums explored will be pencil, charcoal, pastels, graphite, ink, watercolor, acrylic, oil, and tempera. A respectful response and exploration of art within different cultures, including First People's, will also be explored. Students are also urged to communicate their own personal story and cultural self within their works of art. Students will also share their works of art and respectfully critique the art of others. Overall, the course allows Grade 10 students the chance to explore the plethora of artistic possibilities, and to express their personal emotions and intent, while also exploring different tools and techniques. **Drawing and Painting classes at Centennial are the more challenging application classes of Art. If looking for an explorative application of art, please enroll in Art Studio 10/11 or 12.**

Open to: Open to students in grades 10, 11 or 12.

Studio Art 2D 11 (Drawing and Painting)Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

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. There is a sketchbook component which is mostly homework. Both traditional and experimental approaches are modelled and encouraged, with frequent exposure to historical and contemporary aspects of art making. **Drawing and Painting classes at Centennial are the more challenging application classes of Art. If looking for an explorative application of art, please enroll in Art Studio 10/11 or 12.**

Foundation: Studio Art 2D 10**Open to:** Open to students in grade 11 or 12.**Studio Art 2D 12 (Drawing and Painting)**Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 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 each year. **Drawing and Painting classes at Centennial are the more challenging application classes of Art. If looking for an explorative application of art, please enroll in Art Studio 10/11 or 12.**

Foundation: Studio Arts 2D 11**Studio Art 3D 11 (Ceramics)**Grade 9 ☐ Grade 10 ☐ Grade 11 ☒☒ Grade 12 ☒

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.

Open to: Open to students in grade 10, 11 or 12.**Studio Art 3D 12 (Ceramics)**Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 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 with porcelain is explored, and there is a research project assigned which allows students to explore in depth a topic related to three-dimensional art.

Foundation: Studio Art 3D 11**Open to:** Open to students in grade 11 or 12.

Art Studio 10

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

Art Studio 10 is an introductory studio art course which allows students the opportunity 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 an artist and individual. 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.

Open to: Open to students in grade 10, 11 and 12.

Art Studio 11

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

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.

Open to: Open to students in grade 11 and 12.

Foundation: Art Studio 10

Art Studio 12

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

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 be 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.

Foundation: Art Studio 11

Film and Television 11

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

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.

Open to: Open to students in grade 10, 11 and 12.

Film and Television 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 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, or by permission of the teacher.

Open to: Open to students in grades 11 and 12.

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

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.

Foundation: Open to students in all grades.

Photography 10: YearbookGrade 9 ☒ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

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.

Foundation: Open to students in all grades.

Photography 11/12Grade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

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

Graphic Production 11: YearbookGrade 9 ☐ Grade 10 ☒ Grade 11 ☒ Grade 12 ☒

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.

Open to: Photography 10: Yearbook

Graphic Production 12: Yearbook

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

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

LEADERSHIP COURSES

(Peer Tutoring) Athletic Leadership 11/12

Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 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 Athletic Leadership must be submitted to be considered.

Leadership 9/10

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

Leadership 9/10 course is designed to provide students with an option to make a difference and connect with their school as well as offer several opportunities to learn and develop ones own leadership skills. Through these different opportunities students will learn the intricacies of leadership and develop the confidence to lead others and work within the dynamics of a diverse group of students. The practical component allows students to acquire leadership skills by getting involved in school and community events. Students will also learn to work effectively in teams with peers of diverse backgrounds and attitudes. Students will focus on teamwork skills, communication, goal setting and planning. This leadership experience will help students to understand the positive impact and value they can have on their school and community. Junior leadership will also have opportunities to work with senior leadership students on a variety of school initiatives. **Note:** This class runs outside the regular schedule. Student will be required to meet before school a minimum of one day a week for the entire year. Please follow this link for the application form: <https://tinyurl.com/2p83x3ab>

Leadership 11/12

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

The Leadership 11/12 course is designed to provide students with multiple leadership opportunities. Through these different opportunities students will learn the intricacies of leadership and develop the confidence to lead others. The practical component allows students to acquire leadership skills by getting involved in school and community events. Students will also learn to work effectively in teams with peers of diverse backgrounds and attitudes. Students will focus on teamwork skills, communication, goal setting and planning, and conflict resolution. This leadership experience will help students to understand the positive impact and value they can have on their school and community. **Note:** This class runs outside the regular schedule. Student will be required to meet before school a minimum of one day a week for the entire year. Students will be accepted into this course through an application process. Please follow this link for the application form:

<https://tinyurl.com/2p8549af>

Technology Leadership 10/11/12

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

Tech Leadership is a non-enrolling linear course designed to develop and showcase student leadership skills with technology at Centennial. Students will be involved in supporting the 1:1 initiative and assisting with any technology related activities or issues within classrooms and the greater school community. Throughout this course, students will grow on a variety of skills, such as technological, time-management, interpersonal, teamwork, communication, and critical and creative thinking. This is a course that is designed to work around student schedules so students will be asked to support in person and/or online to meet their monthly support hours when it works for them. There will be many opportunities to engage with different technologies and programs, and students will even work alongside a humanoid robot. Tech Leadership will give students various opportunities to learn, teach, and lead with technology.

Peer Tutoring 11/12

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

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 on 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 a 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.

An application for Athletic Leadership must be submitted to be considered. This application form can be found at: <https://mycentennial.sd43.bc.ca/courseplanning/>

CAREER EDUCATION COURSES

Career Life Education 10

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

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.

Career Life Connections 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

Prior to 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.

Work Experience 12Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

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 an integral part of Work Experience and Apprenticeship programs (see page 4-7 of this book). This course is open to grade 11 and 12 students. Parental/Guardian approval is required.

Open to: Grade 11 and 12 students

CENTENNIAL ACADEMIES

HOCKEY ACADEMY – Hockey Skills 10

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

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 \$1250.

HOCKEY ACADEMY – Hockey Skills 11

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

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 \$1250.

Foundation: Hockey Skills 10 or permission of the Instructor

HOCKEY ACADEMY – Hockey Skills 12

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

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.

Foundation: Hockey Skills 11 or permission of the Instructor

OPTIMIZING ATHLETIC PERFORMANCE 11 (Academy)

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

Elite athletes have specific needs and requirements in order to achieve their desired goals. This course is designed for athletes that want to learn about and partake 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.

Course Fee: This course will have field trips and guest speakers/coaches and therefore will cost an additional fee of \$745.

Foundation: Optimizing Athletic Performance 11

Optimizing Athletic Performance 12 (Academy)Grade 9 ☐ Grade 10 ☐ Grade 11 ☐ Grade 12 ☒

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 application, 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.

Course Fee: This course will have field trips and guest speakers/coaches and therefore will cost an additional fee of \$745.

Foundation: None

ENVIRONMENTAL STUDIES 10 ACADEMY

This Academy will take place in the first semester, combining 6 courses- Physical and Health Education 10, Foundations of Inquiry 10, Science 10, Social Studies 10, Earth Science 11, and Outdoor Leadership 11 - 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 \$350 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 or go to attached QR Codes.

**Course Descriptions:****Outdoor Leadership 11**Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☐

The Leadership 11 course is designed to provide students with multiple leadership opportunities. Through these different opportunities students will learn the intricacies of leadership and develop the confidence to lead others both indoors and outdoors. The practical component allows students to acquire leadership skills by getting involved in stewardship opportunities within the school and in the natural community. Students will also learn to work effectively in teams with peers of diverse backgrounds and attitudes. Students will focus on teamwork skills, communication, goal setting, stewardship, planning, and conflict resolution. This leadership experience will help students to understand the positive impact and value they can have on their school and community. Leadership in ES 10 Academy will have unique opportunities where students will plan, implement, and lead their own field trips.

Physical and Health Education 10

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

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

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

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

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

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

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

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

Foundations of Inquiry 10Grade 9 ☐ Grade 10 ☒ Grade 11 ☐ Grade 12 ☐

This course takes advantage of the natural learning process of curiosity, questioning and exploration. Students will learn how to dig beyond the surface to ask deep and meaningful questions about the world around us. This course will develop knowledge, skills and a reflective attitude towards learning about the unknown. Students will gain independence and build on their emotional intelligence while critically thinking and going beyond researching their passion. In ES 10 Academy, students will have the opportunity take on their own semester-long inquiry projects inspired by personal passions, nature, and embeddedness in place.

ENVIRONMENTAL STUDIES 11/12 ACADEMY

This Academy will take place in the second semester, combining 6 courses- BC First Nations 12, Environmental Science 11/12, Foundations of Inquiry 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 to the program. Applications will be distributed January/February. There is an additional course fee of \$600 for this Academy.

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

Application and more information visit our website or go to attached QR Codes.



BC First Peoples 12

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

This course is similar to the previously offered course entitled BC First Nations 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 People's in the media and sports.

Foundation: 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

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

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

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

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

Foundations of Inquiry 11

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

This course takes advantage of the natural learning process of curiosity, questioning and exploration. This course will develop knowledge, skills and a reflective attitude towards learning about the unknown. Students will gain independence and build on their emotional intelligence while critically thinking and going beyond researching their passion.

Life Sciences 11

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

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

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 develop 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**Outdoor Leadership 11/12**Grade 9 ☐ Grade 10 ☐ Grade 11 ☒ Grade 12 ☒

The Leadership 11/12 course is designed to provide students with multiple leadership opportunities in the Experiential Studies program. Through these different opportunities students will learn the intricacies of leadership and develop the confidence to lead others. The practical component allows students to acquire leadership skills by getting involved in school and community events. Students will also learn to work effectively in teams with peers of diverse backgrounds and attitudes. Students will focus on teamwork skills, communication, goal setting and planning, and conflict resolution. This leadership experience will help students to understand the positive impact and value they can have on their school and community.

Course Code Catalog

APPLIED SKILLS		HOME ECONOMICS	
ELECTRONICS AND POWER 9	MADER09	TEXTILES 9	MADT-09
ADST – POWER TECHNOLOGY 9	MADPT09	ARTS & CRAFTS 9	XHA--09
METAL WOOD 9	MADGE09	TEXTILES 10	MTXT-10
ADST – METALWORK 10	MTMET10	ADST – FOOD STUDIES 10	MFOOD10
ADST – POWER TECHNOLOGY 10	MTPOW10	ADST – CULINARY ARTS 10	MCUL-10
ADST – WOODWORK 10	MWWK-10	TEXTILE ARTS & CRAFTS 10	YHEC-0A
METALWORK 11	MTMET11	TEXTILE ARTS & CRAFTS 11	YHEC-1A
ELECTRONICS 11	MTELE11	CULINARY ARTS 11	MCUL-11
WOODWORK 11	MWWK-11	FOOD STUDIES 11	MFOOD11
AUTOMOTIVE TECHNOLOGY 11	MTAUT11	TEXTILES 11	MTXT-11
WOODWORK 12	MWWK-12	CULINARY ARTS 11	MCUL-11
ART METAL AND JEWELLERY 12	MTAMJ12	FOOD STUDIES 11	MFOOD11
ELECTRONICS 12	MTELE12	INTERPERSONAL & FAMILY RELATIONS 12	MIAFR11
ENGINE AND DRIVETRAIN 12	MTEAD12	CHILD DEV & CAREGIVING 12 (offered 2023/24)	MCDAC12
FURNITURE AND CABINETRY 12	MTFAC12	FASHION INDUSTRY 12	MFIND12
MACHINING AND WELDING 12	MTMAW12	SPECIALIZED STUDIES IN FOOD 12	MSPSF12
AUTOMOTIVE TECHNOLOGY 12	MTAUT12	CULINARY ARTS 12	MCUL-12
CARP/JOINERY 12: FURN CONSTR 12	MCJF-12	FOOD STUDIES 12	MFOOD12
CARP/JOINERY 12: RES. CONSTR 12	MCJR-12	TEXTILE ARTS & CRAFTS 12	YHEC-2A
	MTICD12	TEXTILES 12	MTXT-12
BUSINESS EDUCATION			
BUSINESS EDUCATION 9	MADEM09		
APPLICATIONS OF DIGITAL LEARNING 10	YBMO-0A	INFORMATION TECHNOLOGY	
ACCOUNTING 11	MAC--11	DIGITAL ANIMATION 11	YCCT-1A
MARKETING AND PROMOTION 11	MMAP-11	COMPUTER PROGRAMMING 11	MCMPR11
E-COMMERCE 12	MECOM12	COMPUTER INFORMATION SYSTEMS 11	MCINF11
ACCOUNTING 12	MACC-12	MEDIA DESIGN 11	MMEDD11
ECONOMICS 12	MEC--12	3D GAME DESIGN 12	YPPR-2A
CAREER LIFE EDUCATION	MCLE-10	MEDIA DESIGN 12	MMEDD12
CAREER LIFE CONNECTIONS	MCLC-12	COMPUTER INFORMATION SYSTEMS 12	MCINF12
WORK EXPERIENCE 12A	MWEX-2A	COMPUTER PROGRAMMING 12	MCMPR12
WORK EXPERIENCE 12B	MWEX-2B	DIGITAL ANIMATION 12	YCCT-2A
ENGLISH		MODERN LANGUAGES	
ENGLISH LANGUAGE ARTS 9	MEN--09	FRENCH 9	MFR--09
CREATIVE WRITING 10	MCTWR10	SPANISH 9	MSP--09
LITERARY STUDIES 10	MLTST10	JAPANESE 9	MJA--09
NEW MEDIA 10		JAPANESE 10	MJA--10
SPOKEN LANGUAGE 10		SPANISH 10	MSP--10
COMPOSITION 11	MCMP511	FRENCH 10	MFR--10
LITERARY STUDIES 11	MLTST11	FRENCH 11	MFR--11
NEW MEDIA 11	MNMD-11	SPANISH 11	MSP--11
SPOKEN LANGUAGE 11	MSPLG11	JAPANESE 11	MJA--11
ENGLISH STUDIES 12	MENST12	INTRODUCTORY JAPANESE 11	MBJA--11
COMPOSITION 12	MCMP512	INTRODUCTORY SPANISH 11	MBSP-11
CREATIVE WRITING 12	MCTWR12	JAPANESE 12	MBSP-11
LITERARY STUDIES 12	MLTST12	SPANISH 12	MSP--12
LITERARY STUDIES 12: FEAR	MLTST12H	FRENCH 12	MFR--12

SPOKEN LANGUAGE 12	MSPLG12		
ENGLISH FIRST PEOPLES 12	MENFP12		
JOURNALISM 11/12			
MATHEMATICS		MUSIC	
MATHEMATICS 9	MMA--09	MUSIC 9: BAND	MMU--09
NUMERACY 9	MMA--09A	MUSIC 9: JAZZ BAND	MMU--09RA
FOUND. OF MATH AND PRE-CALC 10~HONOURS (GRADE 9s)	MFMP-10H	MUSIC COMPOSITION 9	XBA--09OS
FOUND. OF MATH/ PRE-CALC 10	MFMP-10	VOCAL JAZZ 9	XC---09VJ
WORKPLACE MATHEMATICS 10	MWPM-10	INSTR. MUSIC: CONCERT BAND 10	MMUCB10
WORKPLACE MATHEMATICS 11	MWPM-11	CHORAL MUSIC: CONCERT CHOIR 10	MMUCC10
PRE-CALCULUS 11	MPREC11	CHORAL MUSIC: CHAMBER CHOIR 10 (JAZZ)	MMUCH10
FOUNDATIONS OF MATHEMATICS 11	MFOM-11	INSTRUMENTAL MUSIC: GUITAR 10	MMUGT10
FOUNDATIONS OF MATHEMATICS 12	MFOM-12	INSTRUMENTAL MUSIC: JAZZ BAND 10	MMUJB10
PRE-CALCULUS 12	MPREC12	INSTR. MUSIC 11: CONCERT BAND	MIMCB11
CALCULUS 12	MCALC12	CHORAL MUSIC 11: CONCERT CHOIR	MCMCC11
AP CALCULUS AB 12	ACAL-12	INSTRUMENTAL MUSIC 11: GUITAR	MIMG-11
		INSTRUMENTAL MUSIC 11: JAZZ BAND	MIMJB11
		COMPOSITION AND PRODUCTION 11	MMUCP11
PERFORMING ARTS		CHORAL MUSIC 11: VOCAL JAZZ	MCMJV11
DRAMA 9	MDR--09	INSTR. MUSIC 12: CONCERT BAND	MIMCB12
DRAMA 10: THEATRE PRODUCTION	MDRD-10	CHORAL MUSIC 12: CONCERT CHOIR	MCMCC12
DRAMA 10	MDRM-10	INSTRUMENTAL MUSIC 12: GUITAR	MIMG-12
DRAMA: THEATRE COMPANY 10	MDRTC10	INSTRUMENTAL MUSIC 12: JAZZ BAND	MIMJB12
MUSICAL THEATRE 10	MMUTH10	COMPOSITION AND PRODUCTION 12	MMUCP12
DRAMA: FILM & TELEVISION 11	MDFT-11	CHORAL MUSIC 12: VOCAL JAZZ	MCMJV12
THEATRE COMPANY 11	MDRTC11		
DRAMA 11	MDRM-11	SCIENCE	
THEATRE PRODUCTION 11	MDRTP11	SCIENCE 9	MSC--09
DIRECTING/SCRIPT DEVELOP. 11	MDRDS11	SCIENCE 9 ~ HONOURS	MSC--09H
MUSICAL THEATRE 11	MMUTH11	SCIENCE 10 ~ HONOURS	MSC--10H
MUSICAL THEATRE 12	MMUTH12	SCIENCE 10	MSC--10
DIRECTING AND SCRIPT DEVELOP. 12	MDRDS12	PHYSICS 11	MPH--11
THEATRE PRODUCTION 12	MDRTP12	AP PHYSICS 1	APHH-11
THEATRE COMPANY 12	MDRTC12	EARTH SCIENCE 11	MESC-11
DRAMA 12	MDRM-12	CHEMISTRY 11	MCH--11
DRAMA: FILM & TELEVISION 12	MDFT-12	LIFE SCIENCES 11	MLFSC11
		SCIENCE FOR CITIZENS 11	MSCCT11
		ENVIRONMENTAL SCIENCE 11	MEVSC11
		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 2	APHH-12

PHYSICAL EDUCATION		VISUAL ARTS	
PHYSICAL & HEALTH EDUCATION 9	MPHE-09	ARTS EDUCATION 9	MAE--09
PHYSICAL & HEALTH EDUCATION 10	MPHED10	STUDIO ARTS 3D 10	MVAC-10
FITNESS & CONDITIONING 10 (AM)	YLRA-0A	VISUAL ARTS: ART STUDIO 10	MVAST10
HOCKEY SKILLS 11	YLRA-1A	VISUAL ARTS: DRAW/PAINT 10	MVAD-10
FITNESS & CONDITIONING 11	MFTCD11	VISUAL ARTS: MEDIA ARTS 10	MVAM-10
ACTIVE LIVING 11	MACLV11	VISUAL ARTS: PHOTOGRAPHY 10	MVAPH10
FITNESS & CONDITIONING 11	MFTCD11--A	VISUAL ARTS: MEDIA ARTS YEARBOOK	MVAM-10
FITNESS & CONDITIONING BBALL 11	MFTCD11-BB	ART STUDIO 11	MVAST11
ACTIVE LIVING: ENHANCED 11	MACLV11CC	GRAPHIC PRODUCTION: YEARBOOK	MGRPR11
ACTIVE LIVING: ENHANCED 12	MACLV12CC	PHOTOGRAPHY 11	MVAPH11
FITNESS & CONDITIONING 12	MFTCD12--A	STUDIO ARTS 3D 11 (CERAMICS)	MVAC-11
FITNESS & CONDITIONING BBALL 12	MFTCD12-BB	STUDIO ARTS 2D 11 (DRAW & PAINT)	MVAD-11
ACTIVE LIVING 12	MACLV12	ART STUDIO 12	MVAST12
FITNESS & CONDITIONING 12	MFTCD12	GRAPHIC PRODUCTION 12: YEARBOOK	MGRPR12
HOCKEY SKILLS 12	YLRA-2A	PHOTOGRAPHY 12	M VAPH12
OPTIMIZED FITNESS 11	YLRA-1C	STUDIO ARTS 3D 12 (CERAMICS)	MVAC-12
FITNESS & CONDITIONING 11-Soccer	MFTCD11-S	STUDIO ARTS 2D 12 (DRAW & PAINT)	MVAD-12
FITNESS & CONDITIONING 11-Football	MFTCD11-FB		
FITNESS & CONDITIONING 11- Women's Fitness	MFTCD11-WM		
SOCIAL STUDIES		ENVIRONMENTAL STUDIES 11/12 ACADEMY (Sem 2)	6 classes
SOCIAL STUDIES 9	MSS--09	BC FIRST NATIONS 12 (1)	MBCFP12-ES
SOCIAL STUDIES 10	MSS--10	ENVIRONMENTAL SCIENCE 11 (2)	MEVSC11-ES
EXPLORATIONS IN SOCIAL STUDIES 11	MEPSS11	FOUNDATIONS OF INQUIRY 11	YMIS-1A-ES
ASIAN STUDIES: 1850 - PRESENT 12	MASIA12	LEADERSHIP 11 (4)	YCPA-1A-ES
20th CENTURY WORLD HISTORY 12	MWH--12	LIFE SCIENCES 11 (5)	MLFSC11-ES
BC FIRST PEOPLES 12	MBCFP12	OUTDOOR EDUCATION 11 (6)	MODED11-ES
COMPARATIVE CULTURES 12	MCMCL12		
GENOCIDE STUDIES 12	MGENO12	ENVIRONMENTAL STUDIES 10 ACADEMY (Sem 1)	6 classes
LAW STUDIES 12	MLST-12	OUTDOOR EDUCATION 10 (1)	
PSYCHOLOGY 12	YPSYC2A	PHYSICAL & HEALTH EDUCATION 10 (2)	MPHED10-ES
AP PSYCHOLOGY 12	APSY-12	SCIENCE 10 (3)	MSC--10-ES
SOCIAL JUSTICE 12	MSJ--12	SOCIAL STUDIES 10 (4)	MSS--10-ES
		EARTH SCIENCE 11 (5)	MESC-11-ES
		FOUNDATIONS OF INQUIRY 10 (6)	
ENGLISH LANGUAGE LEARNERS (ELL)			
INTERMEDIATE EAL LEVEL 2			
BEGINNER EAL LEVEL 1/2	XLDC10EAL		
ENGLISH LANGUAGE DEVELOPMENT 10	XLDC10		
INTRODUCTION TO ACADEMIC LANG 10	YESFLOA		
ACADEMIC STRATEGIES FOR LANGUAGE LEARNERS 10	YESFLOB		
ENGLISH LANGUAGE DEVELOPMENT 11	YESFLOC		