

Return this form to Ms Raffin in N102!



Name: _____

Current Grade: _____

1. Select 4 'Major' Credits

Any four Grade 11 or 12 credits that build a foundation of sector-focused knowledge and skills before entering a post-secondary destination. Up to 3 *extra* co-op credits (beyond the two required co-op credits) can also count for up to 3 *major* credits.

(Course Code Ending: E = locally developed, O = open, M = mixed college/university, U = university)

Grade 11 Major Courses	Grade 12 Major Courses
☐ ICS3C Programming ☐ ICS3U Programming ☐ TEJ3E Engineering ☐ TEJ3M Engineering ☐ ASM3O Media Arts ☐ ASM3M Media Arts ☐ TGJ3O Multimedia ☐ TGJ3M Multimedia ☐ AWQ3O Photography ☐ AWQ3M Photography ☐ SPH3U Physics ☐ TCJ3C Construction	☐ ICS4C Programming ☐ ICS4U Programming ☐ TEJ4M Engineering ☐ TGJ4O Multimedia ☐ TGJ4M Multimedia ☐ AWQ4M Photography ☐ SPH4C Physics (e-learning) ☐ SPH4U Physics ☐ TCJ4C Construction ☐ 1 <i>additional</i> (11/12) co-op credit ☐ 1 <i>additional</i> (11/12) co-op credit ☐ 1 <i>additional</i> (11/12) co-op credit

2. Select 1 Math Credit (either grade 11 or 12)

Grade 11 Math	Grade 12 Math
☐ MEL3E Math for Work & Everyday Life ☐ MBF3C Foundations for College Math ☐ MCF3M Functions and Applications ☐ MCR3U Functions	☐ MEL4E Math for Work & Everyday Life ☐ MAP4C Foundations for College Math ☐ MCV4U Calculus and Vectors ☐ MDM4U Data Management ☐ MHF4U Advanced Functions



3. Select 1 English Credit (either grade 11 or 12)

Grade 11 English	Grade 12 English
☐ NBE3E Native Studies ☐ NBE3C Native Studies ☐ NBE3U Native Studies	☐ ENG4E English ☐ ENG4C English ☐ ENG4U English

4. Select 1 Science, Business, Art or Additional Major Credit (either grade 11 or 12)

Grade 11	Grade 12
☐ BAF3M Accounting ☐ MEL3E Math for Work & Everyday Life ☐ BMI3C Marketing ☐ ASM3O Multimedia ☐ ASM3M Multimedia ☐ SBI3C Biology ☐ SBI3U Biology ☐ SCH3U Chemistry ☐ SPH3U Physics ☐ AVI3O Visual Arts ☐ AVI3M Visual Arts ☐ AWQ3O Photography ☐ AWQ3M Photography ☐ Any additional "major" credit ☐ 1-credit co-op	☐ BAT4M Accounting ☐ MEL4E Math for Work & Everyday Life ☐ BBB4M International Business ☐ SCH4C Chemistry ☐ SCH4U Chemistry ☐ SPH4U Physics ☐ SBI4U Biology ☐ AVI4E Visual Arts ☐ AVI4M Visual Arts ☐ AWQ4M Photography ☐ Any additional "major" credit ☐ 1-credit co-op

5. Enroll in a 2-credit Co-op

Two credits that provide authentic learning experiences in a workplace setting, enabling students to refine, extend, apply and practice the sector-specific knowledge and skills acquired in the major credits.

Circle co-op area(s) of interest: programming, engineering, graphic design, architecture

Grade 11	Summer Co-op	Grade 12
☐ One 2-credit Co-op placement (a.m. or p.m.)	☐ One 2-credit Co-op placement (6 weeks, 220 hrs, or 186 hrs minimum)	☐ One 2-credit Co-op placement (a.m or p.m)

For more information please see **Ms. Raffin (N102)** or Student Services

<http://ocsb.ca/info-tech-shsm/>



Certifications and Training Courses

Students will complete industry-recognized certifications that provide knowledge and skills related to safe work habits and sector-specific training and give students an advantage when entering the workforce. Standard First Aid, CPR (including AED) and WHMIS are three compulsory certifications for the ICT SHSM. Three additional certifications/training are also necessary. Examples include various certifications in the areas of graphic design, animation, engineering, programming, interior decorating, mobile app design, web design, business leadership & more.

Experiential Learning and Career Exploration

Activities that take place outside the traditional classroom setting and allow students to observe, participate in, and reflect on a variety of sector-specific experiences and careers. Examples include job shadowing, worksite tours, career fairs, conferences, symposiums, or competitions such as the ECOO Programming Competition.

Reach Ahead Experiences

Experiences connected with students' postsecondary plans will provide them with an opportunity to experience the next step in their chosen pathway. Examples include tours of colleges, universities, training facilities and workplaces.

Sample Timetable Plans by Destination

(Please see the next page to create your own pathway for grade 11 & 12.)

Apprenticeship / College		University	
Grade 11	Grade 12	Grade 11	Grade 12
Multimedia	Multimedia	Programming	Physics
Photography	Marketing	Engineering	Elective
Yearbook	Co-op	Multimedia	Elective
English	Co-op	English	Elective
Math	Elective	Math	Elective
Elective	Elective	Physics	Elective
Elective		Co-op	
Elective		Co-op	

For more information please see **Ms. Raffin (N102)** or Student Services

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Student Planner

1. List any certificates you want to obtain when you graduate (i.e. French, Tech, Art, Business, etc.)
 - a. ICT SHSM _____
 - b. _____
 - c. _____

2. Circle which post-secondary pathway you are choosing: **college, trades or university**
 - a. What post-secondary program/area are you thinking of studying? _____

3. Fill out the table below to plan your courses for grades 11 and 12. Remember that you need 30 credits (courses) from grades 9-12 to graduate.
 - If you want to get your French Certificate, you need to take French *every year*.
 - 2 credits of co-op need to be taken *together* in either grade 11 or grade 12. Otherwise, summer co-op is 6 weeks long starting at the beginning of July until mid-August.
 - **Check the course requirements** for the specific post-secondary program that interests you.
 - Most University Engineering programs require gr12 Chemistry AND gr12 Physics.
 - Most University Business, Engineering & Computer Science programs require gr12 Calculus AND gr12 Advanced Functions.
 - Most University Architecture programs require gr12 Physics and some require gr12 Chemistry.
 - Most College Graphic design / Animation programs require a portfolio of your work.
 - Some College programs require gr11 mixed/university math and 2 sciences (gr11 or gr12).

Grade 11	Grade 11 Summer	Grade 12
1. Religion		1. Religion / Philosophy
2. Math		2. Math
3. English		3. English
4.		4.
5.		5.
6.		6.
7.		7.
8.		8.

