NEW WESTMINSTER SECONDARY SCHOOL 2026—2027

COURSE DESCRIPTION BOOKLET

820 Sixth Street, New Westminster BC V3M 3S9
604.517.6220 https://newwestschools.ca/nwss/

Introduction

Welcome to the New Westminster Secondary School's Course Description Booklet.

Information in this booklet is intended as a guide to assist students and parents in selecting courses for their upcoming year. Some courses must be taken to meet the requirements of the Ministry of Education ("required courses") while others are chosen to meet individual interests and goals (known as "elective course"). Counsellors will assist students in the selection of their courses, and their valued advice and expertise will be the principles that guide NWSS students to success. While every effort is made to give students their first choice of course selection, due to circumstances beyond the school's control, it is not always possible. Students should be prepared with alternative choices, written on their forms and in MyEd. Students and their guardians are responsible for ensuring successful completion of all courses required for graduation and post-secondary admissions.

This booklet has been prepared with the utmost effort to be accurate at the time of publishing. This booklet is subject to update/change without notice to suit the dynamic needs of our students and school. Specific course and course planning inquiries should be directed to subject teachers or the student's counsellor.

Thank you and wishing all our students and families a successful upcoming year.

IMPORTANT INFORMATION

New Westminster Secondary School

Step 1- Watch Course Planning video for the grade you are entering

Step 2- look at Course Description Booklet and the grade level offerings link

Step 3- Input selections into MyEd

Step 4- Scan QR code on Website to provide any additional notes for your counsellor

Step 5- Stay connected with your counsellor for support

DEADLINE: BEFORE FEBRUARY 13, 2026

COURSE SELECTION PROCESS

STEPS FOR COURSE SELECTION:

Students will begin the process of selecting courses for the 2026 - 2027 school year in January 2026. Students select a full program of studies (8 courses per year) which meet the following goals:

1. Meet graduation requirements for British Columbia.
2. Support future plans such as entrance to college or university.
3. Provide a balanced and engaging educational experience,

All students will complete their course selections **before February 13, 2026**. Students will be selecting their courses by inputting selections into MyEducation BC. It is imperative that parents/guardians and students are comfortable with MyEducation BC and that all students are aware of their passwords.

Counsellors will guide students with the selection of their courses.

B.C.'s Curriculum Structure

Core Competencies

The Core Competencies are the foundation of the B.C. curriculum. The Core Competencies are sets of intellectual, personal and social-emotional proficiencies that all students need to develop to engage in deep, life-long learning. Students develop Core Competencies when they are engaged in the "doing" – the Curricular Competencies – within a learning area. As such, they are an integral part of the curriculum. While they manifest themselves uniquely in each area of learning, the Core Competencies are often interconnected and are foundational to all learning. Through consultation with stakeholders across the province, three Core Competencies were identified:

1. COMMUNICATION - with two sub-competencies - Communicating and Collaborating
2. THINKING - with two sub-competencies - Creative Thinking and Critical Thinking
3. PERSONAL & SOCIAL - with three sub-competencies - Personal Awareness and Responsibility, Positive Personal and Cultural Identity, and Social Awareness and Responsibility

Core Competencies will be integrated throughout the curriculum of all classrooms. Students are expected to reflect upon the learning process and self-assess their development of the Core Competencies.

Concept-based, competency-driven curriculum

British Columbia's curriculum brings together two features that most educators agree are essential for 21st-century learning: a concept-based approach to learning and a focus on the development of competencies, to foster deeper, more transferable learning. These approaches complement each other because of their common focus on active engagement of students.
Deeper learning is better achieved through "doing" than through passive listening or reading. Similarly, both concept-based learning and the development of competencies engage students in authentic tasks that connect learning to the real world.

Flexible learning environments

Learning can take place anywhere, not just in classrooms. Many schools and teachers create learning environments that explore the use of time and space in creative ways. The integration of areas of learning and technology also has opened the door for teachers and schools to approach the use of time and space in creative ways – ways that adapt to the students' needs and interests.

Curriculum Model

Three elements, the Content (Know), Curricular Competencies (Do), and Big Ideas (Understand) all work together to support deeper learning. British Columbia's curriculum design enables a personalized, flexible and innovative approach at all levels of the education system. All areas of learning have been redesigned using this model.

Content (Know)

The Content learning standards — the "Know" of the Know-Do-Understand model of learning — detail the essential topics and knowledge at each grade level.

Curricular Competencies (Do)

The Curricular Competencies are the skills, strategies, and processes that students develop over time. They reflect the "Do" in the Know-Do Understand model of learning. While Curricular Competencies are more subject-specific, they are connected to the Core Competencies.

Big Ideas (Understand)

The Big Ideas consist of general principles and the key concepts important in an area of learning. They reflect the "Understand" component of the Know-Do-Understand model of learning. The big ideas represent what students will understand at the completion of the curriculum for their grade. They are intended to endure beyond a single grade and contribute to future understanding.

B.C. GRADUATION REQUIREMENTS

B.C. Certificate of Graduation (Dogwood Diploma)

The B.C. Graduation Program sets the requirements to exit the K-12 education system with a B.C. Certificate of Graduation (Dogwood Diploma) and ensures that students are graduating from secondary school as educated citizens, with the knowledge, competencies, and skills they will need to transition successfully into post-secondary education, training, or the workforce.

The B.C. Certificate of Graduation, or Dogwood Diploma, is awarded to students who successfully complete the provincial graduation requirements. To graduate, students require at least 80 credits total.

Of these 80 credits:

52 credits are required from the following:

• 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 course (4 credits).

• A Language Arts 10, 11, and a required 12 course (4 credits required at each grade, 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).

• Career-Life Education 10 (4 credits), and Career-Life Connections 12 (4 credits).

• Indigenous-focused (4 credits).

At least 28 credits must be elective (student chosen) course credits:

• At least 16 credits must be at the Grade 12 level, including a required Language Arts 12 course and the Career Life Connections course.

In addition, students must also complete three Provincial Graduation Assessments:

• Grade 10 Graduation Literacy Assessment.

• Grade 10 Graduation Numeracy Assessment; and

• Grade 12 Graduation Literacy Assessment.

B.C. GRADUATION REQUIREMENTS

French Immersion Dual Dogwood

French Immersion and Francophone students can earn both a British Columbia Certificate of Graduation (Dogwood Diploma) and a Diplôme de fin d'études secondaires en Colombie-Britannique.

To graduate with both diplomas, French Immersion students must meet the graduation requirements for the Dogwood Diploma, and of these 80 credits, they must earn:

- At least 16 credits at the Grade 12 level (including the required English 12, Careers 12, and FRAL 12 courses).
- English Language Arts courses at the Grade 10, 11 and 12 levels (4 credits each).
- At least 12 additional credits (or 3 courses) in Grade 10, 11, or 12 that are in French with at least four of these credits at the Grade 11 or 12 level.
- A Français langue seconde-immersion course at the Grade 11 level (4 credits) or IB French11.

In addition, French Immersion students must also complete four Provincial Graduation Assessments:

- Grade 10 Numeracy Assessment.
- Grade 10 Literacy Assessment.
- Grade 12 Literacy Assessment
- Évaluation de littératie de la 12e année – Français langue première

How to obtain the Indigenous-focused (4 credits) and meet graduation requirement?

Effective the 2023/24 school year, all students working toward a B.C. Certificate of Graduation ("Dogwood Diploma"), in English or French, must successfully complete at least 4 credits in Indigenous-focused coursework. This requirement applies to students in B.C. public, independent, First Nations, and offshore schools. There is no change to the total number of credits required to graduate, which remains at 80.

Students who have not otherwise satisfied graduation requirements before the start of the 2023/24 school year must meet this requirement. To be clear, only one (1) Indigenous-focused course must be completed in either grade 10, 11, or 12.

The following courses **may be offered** at New Westminster Secondary School to support our students with meeting the Indigenous-focused graduation requirement:

- B.C. First Peoples 12
- English First Peoples – Literary Studies 10
- English First Peoples – Spoken Language 10
- English First Peoples – Writing 10
- English First Peoples – Literary Studies + New Media 11
- English First Peoples – Literary Studies + Writing 11
- English First Peoples 12

Graduation Assessments

The Provincial Graduation Assessment requirements for all students are as follows:

Assessments as a requirement for graduation.

- Students are expected to write the following Graduation Assessments: Numeracy 10, Literacy 10 and Literacy 12 Assessments.
- French Immersion Students will write 4 Graduation Assessments: the Numeracy 10 (English) Assessment, the Literacy 10 (English) Assessment, Literacy 12 (English) Assessment and the Littératie de la 12^{e} année.
- There will be an opportunity for students to re-write the Provincial Graduation Assessments to improve their achievement level. Until graduation, students may write a Provincial Graduation Assessment up to three times: the original attempt and two re-writes.
- The best outcome for each of the Provincial Graduation Assessments will be recorded on the student's transcripts.

The assessments will be reported on the following scale:

Provincial Graduation Assessments			
Emerging The student demonstrates an initial understanding of the concepts and competencies relevant to the expected learning.	**Developing** The student demonstrates a partial understanding of the concepts and competencies relevant to the expected learning.	**Proficient** The student demonstrates a complete understanding of the concepts and competencies relevant to the expected learning.	**Extending** The student demonstrates a sophisticated understanding of the concepts and competencies relevant to the expected learning.

A student's best proficiency level for the Provincial Graduation Assessments will appear on the student's transcript. However, for the Grade 10 Literacy Assessment, the student's transcript will only indicate "RM" ("requirements met"), and not a proficiency level.

NWSS Counsellors 2026—2027

Ms. Sarekha Jagpal sjagpal@sd40.bc.ca SIGMA student support
Mr. Dave Mori dmori@sd40.bc.ca “Imran- Muir” student support
Ms. Marika Melvin mjmelvin@sd40.bc.ca “Castro – Illatopa” student support
Ms. Nancy Milne nmilne@sd40.bc.ca “Muiruri- Sall” student support
TBA “A – Castaneda” & International student support
Ms. Jennifer Towers jtowers@sd40.bc.ca “Samson – Z” student support

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REQUIRED COURSES

	Grade 09	Grade 10	Grade 11	Grade 12
Course #1	English Language Arts 9	English Language Arts 10	English Language Arts 11	English Studies 12 or EFP 12
Course #2	Social Studies 9	Social Studies 10	Social Studies 11 or 12 (can be taken during the student's Grade 11 or 12 year)	
Course #3	Mathematics 9	Mathematics 10	Mathematics 11 or 12 (can be taken during the student's Grade 11 or 12 year)	
Course #4	Science 9	Science 10	Science 11 or 12 (can be taken during the student's Grade 11 or 12 year)	
Course #5	Physical & Health Education 9	Physical & Health Education 10	Elective	Elective
Course #6	Elective (This can be a Modern Language 9, Arts Education 9, ADST 9)	Career Life Education 10	Elective	Career Life Connections 12
Course #7	Arts Education 9	An Arts Education 10, 11 or 12 and/or An Applied Design, Skills, and Technologies 10, 11 or 12 (can be taken during the student's Grade 10, 11 or 12 year)		
Course #8	Applied Design, Skills and Technology 9	Elective	Elective	Elective

FRENCH IMMERSION REQUIRED COURSES

	Grade 09	Grade 10	Grade 11	Grade 12
Course #1	English Language Arts 9	English Language Arts 10	English Language Arts 11	English Studies 12
Course #2	Sciences Humaines 9	Français Langue Seconde 10	Français Langue Seconde 11	Français Langue Seconde 12
Course #3	Mathematics 9	Mathematics 10	Mathematics 11 or 12 (can be taken during the student's Grade 11 or 12 year)	
Course #4	Sciences Naturelles 9	Science 10	Science 11 or 12 (can be taken during the student's Grade 11 or 12 year)	
Course #5	Éducation Physique et Santé 9	Sciences Humaines 10	Explorations en Sciences Humaines 11 or Justice Sociale 12 (can be taken during the student's Grade 11 or 12 year)	
Course #6	Français Langue Seconde 9	Education Physique et Santé 10	Elective	Elective
Course #7	Arts Education 9	An Arts Education 10, 11 or 12 and/or An Applied Design, Skills, and Technologies 10, 11 or 12 (can be taken during the student's Grade 10, 11 or 12 year)		
Course #8	Applied Design, Skills and Technology 9	Career Life Education 10	Elective	Career Life Connections 12

GRADE 9 COURSE SELECTION

	English Stream	French Immersion Stream
Course #1	**ENGLISH LANGUAGE ARTS 9 EN--09** Students must take English Language Arts 9. This course is required by the Ministry and is worth four credits. Like the senior courses, ELA 9 courses include the five Big Ideas and will incorporate Indigenous content and principles of learning. Students are expected to meet the learning standards, and all students will be assessed on their skills in reading, listening, viewing, writing, speaking and representing. Using oral, written, visual, and digital texts, students are expected individually and collaboratively to be able to comprehend and connect texts while creating and communicating to demonstrate their learning. Students will explore a wide range of texts and media, while learning about language structures, devices, and conventions. Students will practice the following skills: reading, listening, viewing, writing, speaking, and representing. By the end of the course, students will need to demonstrate that they read, analyze and synthesize texts and that they have strategies for reading, thinking, writing and speaking.	
Course #2	**SOCIAL STUDIES 9 MSS—09** Students will be engaging with the themes of revolution, imperialism, nationalism, and colonialism from 1750- 1919, throughout different parts of the world. In addition, Canada's physical geography will be explored to boost students' understanding of the country we reside in. For skills, students will develop their inquiry, document analysis, and oral/written communication in a variety of ways throughout the class, by exploring the themes. In addition, students will be interpreting evidence, assessing continuity and change, considering perspective, understanding cause and consequence, and making ethical judgments of various events within the given time period, in line with the themes for the course.	**SCIENCES HUMAINES 9 FSCHF09** Ce cours, Sciences humaines 9, est un produit de la refonte du nouveau curriculum. Les élèves analysent les thèmes suivants : révolution, impérialisme, nationalisme, migration et colonialisme durant la période 1750 à 1919. La géographie physique et les activités économiques canadiennes seront également étudiées. Les élèves développeront leurs connaissances à travers des enquêtes, l'analyse de documents et la communication orale et écrite. Les élèves interpréteront des preuves, évalueront la continuité et le changement, considéreront des perspectives différentes, comprendront les concepts de cause et de conséquence et porteront des jugements éthiques sur des événements historiques.

	English Stream	French Immersion Stream
Course #3	**MATHEMATICS 9 MMA—09** Mathematics 9 prepares students for success in high-school math by strengthening foundational skills and introducing key new concepts. Students will work with rational numbers, exponents, polynomials, and both one-variable and two-variable linear relations. The course also develops skills in graphing, interpolation and extrapolation, spatial proportional reasoning, statistics, and financial literacy. Throughout the course, students will build their Curricular Competencies-reasoning, problem solving, communication, connection, and reflecting- through hands-on activities, practice, and real-world applications **Note:** a scientific calculator is required for this course.	
Course #4	**SCIENCE 9 MSC—09** Science 9 continues to develop the critical thinking skills, knowledge, and communi-cation skills introduced in Science 8. Topics include: Processes of Science; Life Science (reproduction); Earth & Space Science (space exploration); and Physical Science (elements, compounds and the characteristics of electricity).	**SCIENCES NATURELLES 9 FSCF-09** Ce cours vise à développer un vocabulaire et une culture scientifique. Les laboratoires et les projets sont une partie importante du cours développant une expérience pratique de la science. La chimie, la physique, la biologie humaine et l'écologie sont les quatre unités étudiées dans le cours.
Cours e #5	**PHYSICAL & HEALTH EDUCATION 9**	**EDUCATION PHYSIQUE ET SANTE 9 FEPSF09**
	The concepts taught in Physical Education 9 include: active living, wellness, fitness, lifetime/leisure activities, with an emphasis upon full participation in the following activities: badminton, basketball, mini games unit/minor games, rugby, skating, soccer, softball, track and field, touch football, volleyball (indoor/outdoor), drug & alcohol, and family life education.	

	English Stream	French Immersion Stream
Course #6	**ELECTIVE** (This can be a Modern Language, additional Arts Education, ADST, or other elective) **See next page for a list of Grade 9 electives**	**FRANÇAIS LANGUE 9 FFRAL09** Ce cours poursuit les objectifs du développement de la communication en offrant une étude plus approfondie de chacune des quatre habiletés langagières: la lecture, l'écoute, l'écriture et l'expression orale. Le cours amènera l'élève à développer sa compréhension de la fable, du roman et de la poésie en s'exerçant à produire des résumés d'événements et des critiques. De plus, le cours amènera l'élève à développer ses stratégies de communication et ses connaissances des éléments culturels et historiques des régions francophones. (This course aims at developing communication with a more profound study of the principles of each aspect of the four skills: reading, writing, listening and speaking. The course will lead students to develop a deeper comprehension of fables, novels, and poetry by producing summaries of events and critiques. The course will also help students develop their communication strategies and their knowledge of Francophone culture and history.)
Course #7	**ARTS EDUCATION 9** Dance 9 **MAE--09** Drama 9 **MDR—09** Visual Art **MVA-09** **(Course Fee of $30)** Concert Choir 9 **MMU--09C** Guitar 9 **MMU--09G** Concert Band 9 **MMU--09CB** (this is a full year course that is backed with English 9)	

Course #8	APPLIED DESIGN, SKILLS AND TECHNOLOGIES 9
	1. Technology Education 9 Rotation **MADPT09 (Course Fee of $20)** (4 courses offered on a rotation system within one semester) Woodwork 9 Metalwork 9 Electronics and Robotics 9 Drafting 9 2. Entrepreneurship and Marketing 9 **MADEM--09** 3. Media Arts 9 **MADMA—09** 4. Home Economics Rotation **MADT—09** (2 courses offered on a rotation system within one semester) Textiles 9 Food Studies 9

GRADE 9 Arts Education 9 and ADST Course Descriptions

ARTS EDUCATION 9 CHOICES

DANCE 9 MDNC-09

This course is designed to provide students the opportunity to develop technique and create in a variety of dance genres including Hip Hop, Popping, House, Locking, Ballet, Jazz, and Musical Theatre. Dancers will showcase their skills through multiple performances as well as the semester-end Dance Show. This class is suitable for students of all fitness and skill levels as dancers will develop flexibility, strength and coordination through freestyle and choreography. Dance 9 helps students build confidence, self-discipline, teamwork and organizational skills, and the ability to express themselves through movement.

DRAMA 9 MDR-09

Has students working both independently and collaboratively to learn the fundamental skills pertaining to performance for the stage. Theatre games will be used to learn more about trust, cooperation, imagination, inquiry, and acting. Students will work to explore, create, and communicate. Learning will focus on the elements of characterization, movement, voice work, concentration, and improvisation. Students will use both original and published works to practice their technique. The idea is to teach students how to effectively bring their characters to life on the stage. There could be opportunities to see outside theatrical productions and participate in school performances. This course offers a welcoming environment to all students who are interested in the genre. Evaluation is based on participation and development, including some written work.

VISUAL ARTS 9 MVA--09

The BIG IDEA for this course is to explore the many aspects of studio art (2D art) and sculpture (3D art) as it enables your artistic expression and the creative process including exploring personal identity, diverse perspectives, and the language of visual art. You will be introduced to the basics of drawing and design processes such as drawing, painting, sculpture, and more. Get your hands on cool art equipment and technology to learn the art of communicating with visual imagery. A list of specific supplies needed for this course will be provided in the first week of class. **Please note this course has a course fee of $30**

MUSICAL THEATRE PROGRAM – Open to Grades 9 – 12

The Musical Theatre Program at NWSS has seen great success over the last 15 years with productions of Mamma Mia! (2025), Shrek The Musical (2023), Beauty and the Beast (2020), Crazy for You (2018), Legally Blonde (2017), Footloose (2015), Grease (2011), Bye Bye Birdie (2009) and Annie (2008). Each production played to sold out audiences and received accolades from many members of the community commenting on the high caliber of talent and polish. The Musical Theatre Program provides students opportunities to engage in this style of performance while receiving course credits for their efforts. We will be producing a full musical production at Massey Theatre in 2026/2027 with rehearsals from September 2026 to February 2027, and performances in February/March 2027. Students interested in participating in the Musical Theatre Program will fill out a regular program course sheet, clearly indicating their interest in the Musical Theatre Program. They also need to sign-up for an audition, prepare audition materials and attend their scheduled audition. Audition information can be found on the school website at www.nwss.ca. If selected to participate in this program, students will be hand- scheduled into the courses.

The musical theatre program has four streams, all of which work together to produce a musical production:

Cast Stream: Performers
For students interested in singing, acting and dancing onstage as part of the show. Students do not have to be strong in all three disciplines to audition, but rather must have interest and enthusiasm for musical theatre. After the audition, selected students will be placed in two classes: Theatre Company (Musical Theatre) and Musical Theatre which requires additional time on weekends close to the performance date. **This is an auditioned program, and auditions occur in early March**. The next auditions will take place March 2026, and information regarding auditions will be available at www.nwss.ca in advance of that audition time.
Courses: Theatre Company (Musical Theatre) and Musical Theatre.

Crew Stream: Technical and Stage Crew

For students interested in learning about the behind-the-scenes aspects of musical theatre while being involved in the creation of a large-scale production. Crew will develop artistic abilities and technical skills, as well as learn about production design, technical theatre and theatre management. Crew responsibilities can include sets (design, creation and movement during show), props, costumes, marketing, and management. Students will also be trained to operate lights and sound in the NWSS Theatre. Students receive credit for Theatre Company (Auditioned: Musical Theatre Program) and Theatre Production. This stream will require some additional extra-curricular time commitments, particularly leading up to the performances and during tech/performance week. This group will take on leadership roles for production such as head costumer, props master, stage manager, assistant stage manager, running crew, follow spot operator and more.

Courses: Theatre Company (Auditioned: Musical Theatre Program) and Theatre Productions

Hair and Makeup stream

Students who are interested in learning more about hair and makeup artistry can consider joining the hair and makeup course. The hair and make-up students not only work toward designing, organizing and implementing hair and make up for the entire cast, they also learn a multitude of techniques and styles as they work their way through the course. Students interested can contact Ms. Cave at tcave@sd40.bc.ca and sign up for the Hair and Makeup IDS course found in the course selection handbook.
Orchestra stream

Students who play instruments at a high level can consider joining the production as orchestra members. The live orchestra plays for all performances, as well as rehearses independently from the cast. Extra rehearsals will be needed with increased involvement and time in the weeks leading up to the show dates. Musicians

will be selected based on an audition or by invitation of the band leader. Depending on the musical chosen, the band may need woodwind, brass, strings, piano, guitar and percussion/drum set. Students in the band will register for **Musical Theatre** (Auditioned: Musical Theatre Program)

For more information, including audition info and sign-up, please visit the school website at www.nwss.ca and click on Musical Theatre Program.

CHAMBER CHOIR 9 MMU-09CH

This is an advanced auditioned choral class (register now and auditions will be held in the first weeks of school to confirm placement in the ensemble) that focuses on learning and performing choral repertoire in a variety of styles to explore identity, culture, belonging and social and emotional well-being. This class is for the committed and enthusiastic choral student and we meet outside the timetable, on Tuesdays and Thursdays before A block. Students should have previous singing or instrumental experience and be able to demonstrate basic music literacy. Grade 9 students who wish to take Chamber Choir must be simultaneously registered in Concert Choir, Vocal Jazz, and/or Concert Band to ensure they also receive introductory instruction for choral singing and music reading. Register now and auditions will be held in September. This class usually participates in a tour in the spring. Past tours have included Japan, Cuba, Banff, Ottawa/Montreal, New York City and New Orleans.

CONCERT CHOIR 9 MMU—09C

Whether you are new to singing and want to get better, or if you are already a great singer, this class is for everyone who wants to sing together! Come sing with others in this fun class! Singing in a choir gives students a chance to explore their identity, investigate culture and history, and collaborate in artistry with others. In this class students will work in community to gain skills in singing and music literacy, and to explore various styles of music. Students participate in at least one performance. No previous music or singing experience is necessary.

VOCAL JAZZ 9/10 MMU—09VJ / MMUVJ10

This choir focuses pop singing styles and ensemble singing in a vocal jazz style. Students will learn microphone technique and experience singing with a band. Students will learn about the history and traditions of jazz and pop music including developing personal voice and improvisation. This class also explores solo singing and working with a rhythm section (bass, piano, drums and guitar).

CONCERT BAND 9 MMU—09CB

Students in this course will further develop instrument techniques learned in Band 8 through rehearsing and performing concert repertoire in a variety of styles. Students will investigate the role of the musician and artist throughout history and explore identity through artistry. This course is highly participatory and involves at least two extra-curricular performances. Generally, a performance tour is planned for Band 9. Previous tours include Whistler, Banff and Sun Peaks.
Recommended: Participation in the Middle School Band Program or permission of instructor.

GUITAR 9 MMU—09G

This course is offered to grade 9 beginner or intermediate guitar players. Music fundamentals will be systematically taught by focusing on how to play a variety of chords, scales, strumming patterns, finger- style and picking techniques both individually and in groups. Students have the opportunity to learn how to play songs by their favorite artists as well. Through learning repertoire from a wide variety of music styles students

will apply music principles that will provide a solid foundation for future success on the guitar. This course is offered on timetable during the semester.

JAZZ BAND 9 MMU—09JB

This class is comprised of trumpets, saxophones, trombones and rhythm section (acoustic/ electric bass, drums, guitar, piano). Students will learn jazz repertoire and focus on learning basic jazz technique and theory, including improvisation. This class will include explorations of the role of music and art in culture, history, identity, aesthetics, understanding and communication. This course is highly participatory and involves at least two extracurricular performances. This group participates in a tour in the spring.
Note: Students must be concurrently registered in Concert Band or have instructor permission

ORCHESTRA 9 MMU—09O

In this course, students will have the opportunity to rehearse and perform on their chosen instrument in a group setting. This full year course includes traditional orchestral string instruments (violin, viola, cello, upright bass). Advanced music students will be given more challenging repertoire to play in smaller groups. As well, students that would like to begin to learn how to play the violin, viola, cello, or upright bass, but have no formal training will be guided through the first steps of how to set up, hold and play their chosen instrument as well as how to read standard notation. Students must own or rent an instrument for the duration of the class. Some school instruments are available for those who need assistance. Please contact Mr. Paterson at jpaterson@sd40.bc.ca if you have any questions about this class.

APPLIED DESIGN, SKILLS AND TECHNOLOGIES 9

TECHNOLOGY EDUCATION 9 MADPT09

This is an excellent course for students who enjoy hands on learning. It is a program that explores four different areas; Woodwork, Metalwork, Drafting and Electronics/Robotics. Students are exposed to these areas in a rotation. Safety and Design thinking is emphasized in all areas. This is an introductory course that allows students to explore the different areas helping them to discover where their passion and talent is. The program is designed to be fun and engaging while allowing students to learn about subject areas that can be taken in Grade 10 – 12. **Course fee of $20.**

Woodworking - students are introduced to the basics of using hand and power tools to design and build different wood projects. Basic use of machines is explored as students create projects. Students learn to use a computer-controlled router that allows them to personalize their projects with text engraved on surfaces. Safety is a priority in this class.

Metalwork – students learn to use different hand and power tools to create projects out of metal. Safety is emphasized as students explore different processes. Lathes, foundry work, and brazing are some processes that students use to make small introductory projects.

Drafting – Students are introduced to using AutoCad. This is a software program that is used Industry wide in Architecture and Design firms. Students use 3D printers to manufacture a small project. They also design logos where they use a Vinyl cutter to manufacture their own personalized stickers. Students are also introduced to a Laser Cutter which is widely used in the higher drafting levels.

Electronics/Engineering/Robotics – This is an introductory engineering unit focusing on the Engineering, Design Process, Robotics and Electronics. Students learn about basic electricity,

electronic components and their functions. Robotics is explored using VEX IQ robotics platform. Students build and then program robots in pairs and then compete in a Battle Royale.

Entrepreneurship and Marketing 9 - This is an introductory course to look at basic marketing and business principles including entrepreneurship, marketing research, product planning, branding, packaging, pricing, sales promotion and advertising.

Media Arts 9 - This is an introductory course to learn how to communicate and express through media arts such as digital imagery, animation, video, film, new media (ie: art that uses technology as a main component) and/or sound. Students will use media arts to explore culture, history, identity, aesthetics and will use media arts to create and communicate. Students will watch some animations and learn how they were made.

Home Economics 9 ADT—09

This is an excellent course for students who enjoy hands-on learning. It is a program that explores two foundational areas of home Economics: Food Studies and Textiles.

Textiles 9 - This is an introductory course to learn about natural and manufactured fibres, including their origins, characteristics, uses, and care strategies for using and modifying simple patterns elements of design used in the design of a textile items. The social factors that influence textile choices and the impact of those choices on local communities as well as the role of textiles in First Peoples cultures will be studied.

Food Studies 9- Introducing design thinking, you will gain independence in the kitchen as you develop safe and sanitary work habits, become familiar with common kitchen tools and technologies while exploring new recipes and ingredients

There may be a course fee.

LANGUAGES 9 CHOICES

FRENCH 9 MFR—09

French 9 builds on foundational French language skills acquired in middle school by expanding previous vocabulary knowledge to communicate in meaningful ways. Students will learn to discuss and describe personal preferences, exchange ideas, invite friends on different types of outings, and participate in practical conversation topics using present, future, and past tense time frames using full sentences that are descriptive. This course explores language acquisition through a variety of media to enhance listening, speaking, reading, and writing skills. Students also explore Francophone cultures, understanding similarities and differences to their own cultural identity in the process. This course expects a high level of student engagement and participation, as the course is taught through communicative and action-oriented approaches.

JAPANESE 9 MJA—09

Japanese 9 is an introduction to the Japanese language and culture. Through a variety of activities, students will develop speaking, listening, reading and writing skills in Japanese. Cross cultural situations, authentic video and written materials, projects, writing in hiragana and katakana with calligraphy brushes, and other creative works will enrich the student's appreciation of learning this engaging and fun language. **This course is not for native speakers of Japanese**.

KOREAN 9 MKOR—09

Korean 9 is taught as a foundation in conversational Korean. Students will master Hangul, a writing system designed specifically for the Korean language. Students will learn about Korean culture from past to present using authentic materials and modern texts. **This course is not for native speakers of Korean**.

MANDARIN 9 MBMAN09

This course is intended for students who have little or no experience with Mandarin and who wish to learn it as an additional language. Pinyin, Chinese characters, and functional Chinese expressions and dialogues will be introduced. By the end of the course, students will be able to use Chinese phonetic symbols (Pin-Yin Romanization), express basic greetings, introduce themselves, friends, and family members, and talk about daily routines. **This course is for non-heritage students, including students of non-Chinese origin, or students of Chinese origin who do not speak any Chinese dialect, and whose parents do not speak any Chinese dialect either.**

PUNJABI 9 MPUN—09

Punjabi 9 is your first step into learning one of the fastest-growing languages in Canada! This engaging course builds real-world communication skills through games, dialogues, music, and cultural experiences. Students will gain confidence using Punjabi while connecting language learning with culture, identity, and community.

SPANISH 9 MSP—09

Spanish 9 is an introductory course which focuses on effective communication using high frequency vocabulary and common sentence structures and expressions in past, present and future time frames. Through a variety of activities, speaking, listening, reading and writing skills will be developed. Cultural activities will examine life in the countries of the Spanish-speaking world fostering thinking from others' perspectives and raising social awareness. There is no prerequisite for Spanish 9.
Note: This course is not for native speakers of Spanish.

GRADE 9 ADDITIONAL ELECTIVES

RESEARCH IN MOTION 9 XLDCA09

Research in Motion is a course that is a student-centered practical exploration that helps students consolidate their research skills across the curriculum. The aim of the RIM course is to encourage and enable students to participate in sustained self-directed inquiry, demonstrate skills, attitudes and knowledge required to complete a project over an extended period and communicate effectively in a variety of situations.

The course is recommended, but not required for students wishing to apply to the IB Program or intending to apply to university in the future.

Note: Open to all Grade 9 and 10 students.

HOCKEY ACADEMY XLDCD09H

New Westminster Secondary School and the Pacific Rim Hockey Academy have developed this course that provides male and female students with an opportunity to further develop their hockey skills, individual tactics, team tactics, team play/systems, strategy, off-ice training, special events, educational sessions, recreation and general health and wellness concepts. Students will be required to have some previous skating experience and preferably hockey skills.
Each student requires a full set of CSA approved hockey equipment, including neck guard.

FOOTBALL PROGRAM XLDCD09F

(Integrated Football Education Program) - This course is designed to focus and encourage grade 9 student athletes' opportunities for individualized learning so they may identify and develop personal learning, as well as leadership and physical skills. The football program involves participating on the Hyacks Football team and in the off-season program, which runs the length of the school year. The Hyacks Football Program has produced 80 Canadian university graduates and 8 NCAA graduates as well as having 6 players move onto the CFL.

LACROSSE ACADEMY XLDCD09LAC

As Canada's national sport, the NWSS lacrosse program offers male and female athletes with the opportunity to experience the challenges and rewards of this exciting sport. Players of all skill levels will learn how to maximize their training while practicing and competing. Components consist of on field skill development training, off field strength and conditioning, tactical and endurance training, sports psychology and nutrition.

LEADERSHIP ATHLETICS 9 XLDCD09LA

Leadership is an individualized program for students who are interested in assuming leadership roles in the NWSS Student Leadership Council. This course provides students the opportunity to become active citizens in the school community. Students will develop skills in the areas of organization, communication and team building. Students taking this course must have the initiative to plan and implement activities for others in the school and work with other agencies in the community. It is recommended that Grade 9's take Athletics Leadership 9 in their first year of high school.

Note: Grade 9 students may only apply for this program if there is space in second semester by contacting the instructor. Admission/Pre-requisite: Application, Interview, and Written Recommendation from a teacher is required. In addition, a required information meeting for all levels is held in late May/June.

GRADE 10 – 12 COURSE DESCRIPTION

APPLIED DESIGN, SKILLS, AND TECHNOLOGIES

APPRENTICESHIP AND CAREER PROGRAMS

YOUTH EXPLORE TRADES SKILLS - CONSTRUCTION 12 MSTX-2A

- This program gives you 120 hours of hands-on experience in more than one trade. You'll learn the basics, explore your interests and get a sense of what trade you want to pursue. From there, you can move onto one of the apprenticeship programs, such as the Youth Train in Trades Program or the Youth Work in Trades Program.
- Operate tools and build items in hands-on activities in such areas as electrical, piping, framing, finishing carpentry, drywall and other trades.
- Field trips and trade employer networking may be included in the course.

Open to: Grade 10/11/12 students to take once
Location: Regular NWSS Block Class – Select on Course Selection
High school credits: 1 course (4 credits)

Visit: https://www.youtube.com/watch?v=lgACbGBpZms&feature=youtu.be

ON-SITE YOUTH TRAIN IN TRADES DUAL CREDIT PROGRAMS

***Youth Train in Trades (TRAIN) programs require submission of an application package and an interview.* Applications accepted on an ongoing basis based on availability.**

Train in Trades Application

Email Mrs. McArthur, Career Coordinator tmcarthur@sd40.bc.ca **to set up an appointment**

CARPENTRY FOUNDATION

- Build a vast array of structures made of wood, wood substitutes and other materials
- Assemble and erect forms for concrete and wood and frame construction
- Use plans and instruments to prepare for excavating and shoring
- Develop a diverse set of carpentry skills in understanding residential and commercial construction
- Work side by side with Red Seal Carpenters at both NWSS and BCIT

Open to: Grade 11 & 12 students in semester 2
Location: New Westminster Secondary School with 6 weeks at BCIT
High school credits: Four Grade 12 courses = 16 credits
Post-secondary credits: Level 1 technical training from Skilled Trades BC

Minimum requirements: English 11 and any type of Math 11, or Apprenticeship Math 12. Youth Explore Skilled Trades recommended.
Cost paid by student: material fee and workbook cost
Registration: Contact the Career Coordinator for more information and to apply
Student Video : https://youtu.be/N2r7OPk7y90PI

PLUMBING LEVEL 1

- Students learn how to plan, design, install and service various types of piping systems.
- They work with water heating, supply and drainage systems.
- Students learn how to read blueprints and develop basic drafting and sketching skills.
- The students also learn how to correctly use industry specific tools and machinery.

Open to: Grade 11 & 12 students in Semester 1
Location: New Westminster Secondary School with 4 weeks at the Piping Industry College (PIC)
High school credits: 4 grade 12 courses = 16 credits
Post-secondary credits: Level 1 technical training from Skilled Trades BC
Minimum requirements: English 10/11, Math 10/11 or Apprenticeship Math 12, Youth Explore Skilled Trades recommended.
Cost paid by student: material fee and workbook cost
Registration: Contact the Career Coordinator for more information and to apply
Student Video: https://youtu.be/jCLgt4b_Qbg

PROFESSIONAL COOK 1

- Performs all phases of kitchen activities including the preparation and presentation of vegetables, soups, sauces, meat, fish and poultry, cold kitchen items
- Desserts, baking, pastry
- Basic menu planning/costing as well as knowledge of safety, sanitation and food storage
- Work side by side with Red Seal Chefs at NWSS and VCC
- Use industry equipment and processes

Open to: Grade 11 & 12 students in Semester 2
Location: NWSS plus 4 weeks in the summer at VCC's Vancouver campus
High school credits: 5 grade 12 courses = 20 credits
Post-secondary credits: Professional Cook 1 from Skilled Trades BC
Minimum requirements: English 10/11 and any Math 10/11/Apprenticeship Math 12, plus Food Safe certificate, physically able; must have completed a Culinary Arts 10, 11, or 12 course or be willing to complete such a course in semester 1 before this program starts
Cost paid by student: material fee, refundable tool/textbook deposit
Registration: Contact the Career Coordinator for more information and to apply
Student Video: https://youtu.be/2THl2Lxc5nw

OFF-SITE YOUTH DUAL CREDIT TRAIN IN TRADES PROGRAMS

The New Westminster School District can request an available seat and pay tuition for foundation and level 1 programs in other skilled trades for qualified student applicants. Post-secondary seats need to be requested by the Career Coordinator early in the student's grade 11 year.

Some options include: CNC Machinist, Auto Service Technician, Heavy Mechanical Trades, HVAC, Auto Collision and Refinishing Technician, Aircraft Maintenance Engineer – Mechanical, Baking and Pastry Arts Foundation, Electrical Foundation, Metal Fabrication Foundation, Cabinetmaking, Welding, Millwright, Motorcycle Technician, Appliance Technician, Horticulture, and Hair Design.

Student Video: https://youtu.be/UiW9lckD9hA

Open to: Grade 12 students. Applications received asap in grade 10 or 11 to request seat availability
Location: At various post-secondary institutions depending on program. Completely offsite
High school credits: Varies on length of program 4-10 courses
Post-secondary credits: Varies (Foundation program or Level 1 Certification)
Registration: Contact the Career Coordinator for more information and to apply: tmcarthur@sd40.bc.ca

Train in Trades Application

BUSINESS EDUCATION

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

ACCOUNTING 11 MAC—11

In this course, students will learn how accounting helps support businesses in making financial decisions. Students will learn the fundamentals of accounting which are valuable for students who are interested in running their own business or in a career in accounting. Topics include debits and credits, industry best practices, journal entries and preparing financial documents.
A fee may be charged for this course.

ACCOUNTING 12 MACC-12

This course includes a review of accounting 11 and a thorough study of modern computer accounting methods and software. Students will learn about how financial literacy promotes the financial well-being of both individuals and businesses. They will explore many different types of businesses, with the majority of the classwork being practical application and in-class assignments. Students completing this course will have a highly employable skill and an in-depth understanding of how many different types of businesses function.
Recommended: Accounting 11.

ENTREPRENEURSHIP and MARKETING 10 MADEM10

Marketing skills and strategies are applicable to every career. Entrepreneurship and Marketing 10 is a course that looks at basic marketing and business principles including entrepreneurship, marketing research, product planning, branding, packaging, pricing, sales promotion and advertising. Students will gain valuable experience in school-based projects. This is a must course for any student who is interested in business or who is looking for a practical way to apply their creativity.

MARKETING & PROMOTION 11 MMAP11

In this course, students will learn about how marketing services and products can be designed through consultation and collaboration and that personal design choices require the evaluation and refinement of skills. The course will examine international business, advertising, business ethics and e-commerce. Evaluation and assessment will be focused on group activities and presentations in addition to individual work.

ENTREPRENEURSHIP 12 MENT--12

Builds on concepts learned in Marketing & Promotion 11. Students will learn to analyze the business environment and evaluate the various marketing strategies, corporate social responsibility efforts and branding techniques of familiar companies in the world of business such as Patagonia, Apple, Bell and Coca-Cola. Students will learn how to identify good opportunities for new businesses and will develop a business plan of their own. This course is ideal for students interested in attending business school or starting their own business.
Recommended: Marketing and Promotion 11

BA INTRODUCTION TO INVESTMENT 12 YMD-12A

Engage in insightful lectures and discussions, this course will cover diverse topics such as investing, financial products, financial markets, stock ownership, financial statement analysis, valuation methodologies, ethical investing, and financial crises. The curriculum incorporates real-world application and practical case studies. Students will be provided with a financial literacy foundation to better grasp the investing landscape with a highlight on key concepts and functionality related to money, banking, and personal investment decisions.

Please note this introductory course is intended for educational purposes only and does not provide specific investment strategies. NWSS and the New Westminster School District are not responsible for, and will not be held liable for, any investment decisions or outcomes resulting from the course.

NOTE: Introduction to Investment 12 does not satisfy the Senior ADST Graduation Requirement. The course can contribute to an elective credit. This course is open to grades 11, and 12 students.

CULINARY ARTS & HOME ECONOMICS

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

CULINARY ARTS

With the kitchen as the classroom, students enrolled in Culinary Arts are exposed to the commercial side of food production, learning through practical application and service.

CULINARY ARTS 10 MCUL10

- Learn safe food handling practices in a commercial kitchen setting
- Utilize a wide variety of culinary equipment and ingredients to help develop a diverse menu
- Work alongside culinary experts to create gourmet foods and bakery items
- Students will earn a Food Safe Level One Certificate which can help them get hired in restaurants
- Course Fee: $25

CULINARY ARTS 11 MCUL-11

- Explore the artistic elements of the culinary arts through plating and presentation
- Use sustainable and local products to create gastronomical delights for daily lunch service in a commercial kitchen
- Utilize a variety of modern cooking methods and techniques
- Students will earn a Food Safe Level One Certificate which can help them get hired in restaurants.
- Course Fee: $25

CULINARY ARTS 12 MCUL-12

- Refine your culinary skills while being a part of the kitchen environment
  Explore menu design and learn to create well balanced dishes
- Work collaboratively to support the school community by helping to create exciting daily specials
- Students will earn a Food Safe Level One Certificate which can help them get hired in restaurants.
- Course Fee: $25

HOME ECONOMICS

Integrates the knowledge, processes, and practical skills from multiple areas needed to navigate life.

FASHION INDUSTRY 12 MFIND12

**open to grade 11 and 12 students -no sewing experience required*

- Explore current fashion trends and the world of fashion designers
- Apply the elements and principles of design
- Examine the history of fashion, and historical influences on current styles
- Study the properties of fibres and fabrics employed in clothing and accessory design and construction
- Design for the life cycle, considering social and environmental impacts
- Use specialized tools and technologies to produce prototypes
- Consider ethical and environmental factors in the production and marketing of fashion
- Evaluate marketing and merchandising strategies, including brand development & trendsetting.
- Research career opportunities in the fashion industry

FOOD STUDIES 10 MFOOD 10

Introducing design thinking, you will gain independence in the kitchen as you develop safe and sanitary work habits, become familiar with common kitchen tools and technologies while exploring new recipes and ingredients. Meet new people as you experience opportunities to design meals in cooking challenges based on group discussion and decisions. You will link eating practices with your well being while learning about sustainable local and global food systems. Join Foods 10 to start your journey in the world of culinary arts!

FOOD STUDIES 11 MFOOD11

Using the Engineering Design Process, students will create, test and modify their own recipes as well as those used in class. Food will be prepared using a variety of specialized tools and technologies available during labs and cooking challenges. Theory will encompass safety, sanitation, converting measurements, in addition to fostering food practices and understanding food security. Join the class that discusses food daily! By experiencing the diversity of local and global cuisines in the classroom you will make new friends throughout the semester as you create and share meals.

FOOD STUDIES 12 MFOOD12

Some previous foods studied is recommended for this course which delves deeper into local and global cuisine. Students will prepare complex recipes and multi-course meals after designing recipes through consultation and collaboration with their partner or group members. Using specialized tools and technologies, junior chefs will continuously refine and evaluate their skills throughout the semester as well as develop their taste pallets using a variety of ingredients, herbs and spices. There will be opportunities to choose individual cooking experiences based on individual passions and interests.
Theory will focus on safety, sanitation, converting measurements, career options in the food system, fostering food practices and refining a food philosophy. Join Foods 12 to further your culinary skills while meeting new people as you create and share meals with each other!

INTERPERSONAL AND FAMILY RELATIONSHIPS 11 MIAFR11

Interpersonal and Family Relationships 11 focuses on social, family, romantic, workplace, and community relationships. You will learn about interpersonal relationships, including the nature of committed relationships - the beginning, the maintenance, and the end. We will explore the components of healthy relationships, dating culture, and relationship norms around the world. This is an excellent course for those interested in psychology, social work, counselling, education, advocacy, business, and health.

CHILD DEVELOPMENT AND CAREGIVING 12 MCDAC12

Child Development and Caregiving 12 is an excellent course for those interested in pursuing careers that involve working with children and families. Participants of the course will learn about pregnancy, infancy, caregiving, and child development. Students will be given the opportunity to take home the RealCare Baby infant simulator and get a glimpse of a third trimester pregnancy through a wearable pregnancy vest. Service design opportunities exist such as creating programs, activities, and childcare spaces for children and caregivers.
This course is available to grades 11 and 12

TEXTILES 10 MTXT10

Are you interested in sewing? An exciting opportunity awaits you! Textile items, from inspiration to final product, are taken through the design process. Raw materials, design alterations and upcycling will be covered, taking into account principles of design, as well as environmental and ethical issues. Several textile items will be created using a variety of hand and machine sewing techniques. This course ranges from basic to semi-advanced construction techniques. Projects will emphasize a variety of skills such as alterations, specific sewing techniques (zippers, collars, buttonholes, etc.) and independent work. Recycling materials and making effective use of resources is strongly encouraged. Fabric Arts such as Embroidery, Cross-stitch, Weaving, Quilting and Appliqué may be included. Come and enjoy creating new things and maybe develop a lifelong hobby. Basic materials necessary to meet the curricular competencies and content learning standards will be provided. Individual projects, chosen to enrich the course, will be the student's responsibility.
A fee may be charged for this course.

TEXTILES 11 MTXT-11

Are you interested in sewing? An exciting opportunity awaits you! Textile items, from inspiration to final product, are taken through the design process. Raw materials, design alterations and upcycling will be covered, taking into account principles of design, as well as environmental and ethical issues. Several textile items will be created using a variety of hand and machine sewing techniques. This course ranges from basic to semi-advanced construction techniques. Projects will emphasize a variety of skills such as alterations, specific sewing techniques (zippers, collars, buttonholes, etc.) and independent work. Recycling materials and making effective use of resources is strongly encouraged. Fabric Arts such as Embroidery, Cross-stitch, Weaving, Quilting and Appliqué may be included. Come and enjoy creating new things and maybe develop a lifelong hobby. Basic materials necessary to meet the curricular competencies and content learning standards will be provided. Individual projects, chosen to enrich the course, will be the student's responsibility. Must be self-motivated. While helpful, no prior sewing experience is required.
A fee may be charged for this course.

TEXTILES 12 MTXT-12

Can you sew independently? Are you self-motivated and wanting to build your sewing skills? An exciting opportunity awaits you! Review basic construction techniques and learn more advanced skills. Textile items, from inspiration to final product, are taken through the design process. Raw materials, design alterations and upcycling will be covered, taking into account principles of design, as well as environmental, legal, and ethical issues. Several projects will be constructed, depending on student's interests, skill level, experience and project complexity. Projects will emphasize a variety of skills such as alterations, specific sewing techniques (zippers, collars, buttonholes, etc.) and independent work. Recycling materials and making effective use of resources is strongly encouraged. Fabric Arts such as Embroidery, Cross-stitch, Weaving, Quilting and Appliqué may be included in garments or other textile items. Come and enjoy creating new things and maybe develop a lifelong hobby. Basic materials necessary to meet the curricular competencies and content learning standards will be provided. Individual projects, chosen to enrich the course, will be the student's responsibility. Previous Textiles courses strongly recommended. Independent sewing and self-motivation are essential for success in ADST Textiles 12. **A fee may be charged for this course.**

INFORMATION & COMMUNICATIONS TECHNOLOGY (ADST)

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

COMPUTER PROGRAMMING

WEB DEVELOPMENT 10 Focus: HTML, CSS, JavaScript MWBDV10

Students are expected to know, do and understand the following: design opportunities, relationship between web structure and content, HTML, style and design, cascading style sheets (CSS), and website functionality and interactivity, advantages/disadvantages of websites and content management systems (CMS), website design planning tools, HTML text editing software, WYSIWYG HTML editors user interface (UI) and user experience (UX), World Wide Web Consortium (W3C) standards and responsive and optimized web design, domain and hosting options, copyright, Creative Commons, fair use protocols for media and content, and ethics of cultural appropriation, accessibility and functionality in web design, writing for the web, principles of creative web design, security and privacy implications, principles of database creation and management career options in web development and the interpersonal skills necessary for success in this field.

COMPUTER PROGRAMMING 11 Focus: Python MCMPR11

COMPUTER PROGRAMMING 12 Focus: C++ MCMPR12

Students in grade 10 and 11 are expected to know, do and understand the following: design opportunities, design cycle, problem decomposition, structures within existing code, ways to modify existing code to meet a particular purpose, strategies to predict effects of code modification, pair programming, programming language constructs to support input/output, logic, decision structure, and loops, requirements of a problem statement, ways to transform requirements into algorithms, translation of design specifications into source code, tools to aid in the development process, pre-built libraries and their documentation, inline commenting to document source code, use of test cases to detect logical or semantic errors, computational thinking processes, appropriate use of technology, including digital citizenship, etiquette, and literacy. In addition to the above, Students in grade 11 and 12 are expected to know, do, understand the following: advanced programming structures, standardized source code documentation, self-documenting code, collaboration tools for programming, advanced pair programming, User interface design, error handling, debugging tools , management of complexity , uses of pre-built data structures, bug recCports and feature requests from users, appropriate use of technology, including digital citizenship, etiquette, and literacy, interpersonal skills necessary to work effectively within the IT sector

COMPUTER STUDIES 10 Focus: CSS (Intermediate), JavaScript (Basics) MCSTU10

Students are expected to know, do and understand the following: design opportunities, computer hardware, peripherals, internal and external components, and standards, distinctions between software types, cloud-based and desktop applications, intermediate features of business applications, including word processing, spreadsheets, and presentations, operating system shortcuts and command line operations, preventive maintenance of hardware and software, computer security risks, hardware and software troubleshooting, wired and wireless computer networking, evolution of digital technology and the impact on traditional models of computing, risks and rewards associated with big data, multi-device connectivity, and the Internet of Things, principles of computational thinking , introductory computer programming concepts and constructs, planning and writing simple programs, including games, impacts

of computers and technology on society, ethical considerations of technology use, including cultural appropriation and environmental sustainability, digital literacy and digital citizenship, impacts of technology use on personal health and wellness.

DIGITAL COMMUNICATIONS 11 Focus: Julia.Org, JavaScript (Intermediate) MDCOM11

DIGITAL MEDIA DEVELOPMENT 12 MDMDV12

Students in grade10 and 11 are expected to know, do and understand the following: design opportunities, design cycle, digital tools to communicate and solicit information, impacts of social media in global communications, impacts on language use of online technology, issues in digital communication, digital communication risks, ethics and legalities in digital communication, including ethics of cultural appropriation, influences of digital marketing in online content creation and curation , changes in journalism and reporting, persuasive writing for the web, critical evaluation of online resources, sociological impacts of digital communication tool, technology to support collaboration and interaction with others, strategies for developing a digital dossier, career opportunities in digital communications, appropriate use of technology, including digital citizenship, etiquette, and literacy.

Students in grade 11 and 12 are expected to know, do and understand the following: 2D, 3D, audio, and video digital media editing tools, including paid, freeware, open source, and cloud-based solutions, principles of 2D graphic design, tools and techniques for image manipulation, methods and principles of 3D graphic design, methods for digital animation, methods for 3D modelling, digital sound and audio data compression, computer-assisted versus computer-generated, principles of desktop video production, principles of user-centred design, appropriate use of technology, including digital citizenship, etiquette, and literacy, ethics of cultural appropriation, interpersonal skills, including ways to interact with clients.

DESKTOP PUBLISHING & YEARBOOK

DESKTOP PUBLISHING 11 YCCT-1ADP

This course is available to students in **grade 10 and 11**. Students are responsible for mastering the basics of creating, editing and manipulating digital images for the purposes of publication in the school yearbook.
A required information meeting is held in June. Enrollment is limited and is done by the instructor.
Interview and instructor permission required.

DESKTOP PUBLISHING 12 YCCT-2ADP

This course is available to students in **grade 11 and 12**. Students attain advanced knowledge of creating, editing and manipulating digital images for the purposes of publication in the school yearbook. Students also design and create pages that meet pre-press industry standards. The basics of image creation for the World Wide Web is also covered.
A required information meeting is held in June. Enrollment is limited and is done by the instructor.
Interview and instructor written permission required.

YEARBOOK 12 YCCT-2AYB

Desktop Publishing 11 or 12 **strongly** recommended. This year long course is available to students in **grade 12**. Students are responsible for the production and distribution of the school yearbook. Students develop leadership, teamwork and editing skills. Students may be assigned to work in the areas of photography, copywriting, page layout, advertising, art, concept design and/or distribution.

The yearbook is produced using desktop publishing program and image design software.
A required information meeting is held in June. Enrollment is limited and is done by the instructor
Interview and instructor permission required.

TECHNOLOGY EDUCATION (ADST)

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

TRADITIONAL TRADES AND TOOLMAKING YIA-1A

In this course, we'll dive into the exciting world of leathercraft, bookbinding, and papermaking, just to name a few. But here's the best part - we'll be exploring these skills from both indigenous and global perspectives!

Imagine learning about how things were made in the past, through history and comparing it to modern techniques. If you're someone who loves hands-on creative activities and loves to explore, then this course is tailor-made for you.

WOODWORK 10 MWWK-10

Wood Technology is an introductory course in which students will learn their basic woodworking skills. This course is a hands-on course involving the use of wood and wood composites. The safe use of all machines is demonstrated and students must pass a competency test before using each. Students will design and create a variety of teacher and student selected projects. Students will become familiar with the safe use of tools and machinery while developing skills in problem solving, joinery, and time management as per industry standards.

WOODWORK 11 MWWK-11

This course is a level 1 woodworking course intended to build upon skills learned in Technology 10 Woodwork. Students will build teacher selected projects using hand and power tools. The major areas of learning will be in Joinery, assembly drawings, finishing, hand tool maintenance, and the safe and proper use of power tools.
There will also be a self-directed component to this course involving a student selected project.

WOODWORK 12 MWWK-12

This is a senior woodworking class and a continuation of Woodworking 11. Students will continue developing their use of the design process, building projects of their choice with a high degree of complexity. The course is designed for students with above average woodworking skills or those considering a career in cabinet making.
Recommended: Woodwork 11.
A fee may be charged for materials used in this course.

FURNITURE AND CABINETRY 12 MTFAC12

This is a senior woodworking class with a focus on using the design process to create furniture and projects that incorporate a high level of structural joints, aesthetics and functionality. The course is designed for students with above average woodworking skills or those considering a career in cabinet making. **Recommended:** Woodwork 11 and/or Woodworking 12. **A fee may be charged for materials for this course.**

DRAFTING 10 MTDRF10

In this course students will Invent, Design, Create, Construct, Make and Build using 3D printers, Computerized Machines, Laser and Vinyl cutters. You will experience and produce individual projects while

operating with the most current software. This level one course covers some of the following topics: House Design, Interior Design and Industrial Design.

DRAFTING 11 MTDRF11

(Architectural, Engineering & Interior Design/3D Printing). In this course students will build on the skills and learning from Drafting 10 by further exploring design thinking, creating, constructing, making and building using 3D printers, Computerized Machines, Laser and Vinyl cutters. You will experience and produce individual projects while operating with the most current software. This level one course covers some of the following topics: House Design, Interior Design, Industrial Design.

DRAFTING 12 MTDRF12

(Architectural, Engineering & Interior Design/3D Printing). This is level 2 drafting course. You will explore; three dimensional models and animations using Autodesk software and 3D programs. Students will work on solid modeling, rendering, and importing images. Students may focus on a specific area; architecture, mechanical drafting, furniture design, modeling, animation, interior design, landscape design, etc. This course will be mainly project based. CNC Student driven research into target subjects is also studied. (Laser cutter and 3D printer machines limits and process will also be explored will also be used in this course.
Recommended: ADST 10/11: Drafting and/or Drafting and Design 10 or 11.

ELECTRONICS & ROBOTICS 10 MTEAR10

This is an introductory engineering course focusing on robotics, introduction to coding and electronics. The main objective of this course is to design and create circuits, devices and robots to solve various problem statements. Hand and power tools will be used to manufacture projects using a variety of materials. The course is based around two main projects. First a mechatronic project using a VEX-EDR Platform, then an Arduino based project.

ELECTRONICS 11 MTELE11

This is an introductory engineering course focusing on the Engineering Design Process using electronics. While the main objective of this course is to design, utilize controller and relays that can be used to solve various problem statements. Electronic theory is further explored. Symbols, multi-meters, simple and complex circuits are incorporated. Hand and power tools will be used to manufacture projects using a variety of materials. Projects may include simple and complex machines, programmable electronics (ARDUINO or RASPBERRY PI's)

ELECTRONICS 12 MTELE12

This course builds upon the skills and learning from Electronics 11. Further learning based on simple and complex circuits, analog and digital controller, problem solving electronic function are developed to a high level. Arduino and Raspberry PI controllers are incorporated in different applications. Self-directed projects are used to enhance student engagement and learning within the constraints of the classroom resources available.

ENGINEERING 11 MENR-11

This course builds upon knowledge from Electronics & Robotics 10. It begins to explore *Design Thinking* and uses design processes where defining of a problem, ideating, prototyping, testing and building of solutions are included. Solutions could include Electronic (Arduino or circuit) controllers, robotic and or 3D printed solutions. Product development and manufacturing processes in mainstream use are also discussed and explored.

ENGINEERING 12 MENR-12

This is a course that builds upon the introduction of *Design Thinking* from Engineering 11. Further exploration of problem-solving using ideating, prototyping, testing and building of solutions. Greater use of user-centered research is incorporated. Design solutions might include manufactured solution including wood, metals, 3D printed parts, electronic controllers including, but not limited to, Adruino or Raspberry PI controllers. Self directed projects of the learner's choice can also be considered within the constraints of classroom machines available.

ROBOTICS 11 MTROB11

This class incorporates the VEX Robotic platform. Different challenges will be presented to the class and students will use the design process to find solutions to the challenge problems. This is a hands-on interactive class with students working in pairs on their robotics kits. Students continue to build on the processes learned in ELECTRONICS & ROBOTICS 10
Recommended: ELECTRONICS & ROBOTICS 10 is recommended as a prerequisite.

ROBOTICS 12 MTROB12

This class incorporates the VEX Robotic system and other current robotics programming platforms. This level allows for more self-directed projects depending on the interest of the student. Complex systems and problems are presented allowing for students to continue using the design process exploring different solutions to problems. This is a hands-on, interactive class with students working singularly or in pairs on their robotics platforms. Students continue to build on the processes learned in Robotics and Engineering 11.
Recommended: Robotics and Engineering 11 as a prerequisite. **Open to Grade 11 students**

ART JEWELRY 10 MTMET10J

In this introductory Jewelry course, students will be introduced to the fundamental techniques used in producing constructed and cast jewelry. Basic skills will be taught such as cutting, filing and polishing metals and the use of jeweler's tools. Students will be designing and producing unique metal art and jewelry using techniques such as wire and bead sheet metal jewelry, copper enameling, silver soldering, cuttlebone casting, glass bead making to make different styles of earrings, bracelets and pendants. Open to Grade 9 & 10 students. **Please note that if students choose to enroll in Metalwork 10 at a future date, credit will only be awarded for Art Jewelry 10 course and not for Metalwork 10.**

ART METAL AND JEWELRY 12 MTAMJ12

This course is open to all grades 10, 11, and 12 students. In this program students will be introduced to the fundamental techniques used in producing constructed and cast jewelry. Basic skills will be learned such as cutting, filing and polishing metals and the use of jeweler's tools. The design process will be an important component to the course.

All ideas, sketches and drawings will be documented in a design sketchbook. Students will be designing and producing unique metal art and jewelry using techniques such as wire and bead, copper enameling and cuttlebone casting. Students will also integrate the use of recycled materials to address important environmental issues in our society.

METALWORK 10 MTMET10

This course offers a full semester of metalwork covering basic metal skills such as cutting, filing, sanding, and buffing of metal for the hand tool projects. Students will learn to turn metal on the lathes, explore welding using the different methods of oxy/fuel, arc and rig, plasma cut metal as well as how to use the forge. Precision measurement, as well as tool application will be explored. Once the basic projects are completed, students will have opportunities to choose from a variety of projects including items such as Art Metal Jewelry, blacksmithing, etc. within the ability of the student and the constraints of the classroom materials and machinery. **Please note that if students choose to enroll in Art Jewelry 10 at a future date, credit will only be awarded for Metalwork 10 course and not for Art Jewelry 10.**

METALWORK 11 MTMET11

Metalwork 11 is open to students in grade 11 & 12. Participants will further develop the basic metalwork skills learned in Technology 10: Metal Work including Arc and MIG welding. Precision measurement and the function and limitation of metals, machinery and tools is explored. Heat treatment and process are introduced; alloys and their abilities are discussed. Students will have opportunities to choose from a variety of personal projects with some involved in larger projects such as personal electric scooters, chopper bikes, or electric and gas-powered vehicles.
Recommended: Metalwork 10

METALWORK12 MTMET12

The course is open to students in grades 10 – 12. Basic metal skills taught in the previous grades will be further developed including the introduction to the fundamental techniques of aluminum welding and the Milling Machine. Design methods, prototyping, precision measurement, fabrication methods and the incorporation of wood products in designs is also included. Casting parts and forging metals are introduced and explored using design and project prototyping, There will also be a self-directed component to this course involving a major project of the student's choice within their abilities and the materials and machine constraints within the shop.
Recommended: Metalwork 11

MACHINING & WELDING 12 MTMAW12

This course focuses on machining and welding processes and techniques in industry. Learning includes measurement, documentation, and use of computer-aided design and manufacturing equipment. Students also explore career opportunities in this field and interpersonal related to client interactions. All ideas, sketches and drawings will be documented in a design sketchbook which will be developed into a portfolio for future use. Students will develop their skills in designing, producing different projects using high level welding and machining skills. In this program, students can also hone their repair and maintenance skills.
This course is open to Grade 10 & 11 students.
Recommended: Metalwork 11

ARTS EDUCATION

VISUAL AND PERFORMING ARTS

https://curriculum.gov.bc.ca/curriculum/arts-education

Please note that some Arts Education classes may continue to be offered during Z blocks.

DANCE TECHNIQUE AND PERFORMANCE 10 MDNTP10

This course offers students the chance to build strong dance technique and explore creativity across a range of styles, including Hip Hop, Popping, House, Locking, Ballet, Jazz, and Musical Theatre. Students will participate in freestyle and choreography activities and perform in several showcases, culminating in a semester-end Dance Show. Open to all fitness and skill levels, this class promotes flexibility, strength, and coordination while fostering confidence, self-discipline, teamwork, organizational skills, and expressive movement.

DANCE TECHNIQUE AND PERFORMANCE 11/12 MDNTP11/MDNTP12

This course is designed to provide students the opportunity to further develop technique and create in a variety of dance genres including Hip Hop, Popping, House, Locking, Ballet, Jazz, and Musical Theatre. Dancers will showcase their skills through multiple performances including the semester-end Dance Show. This class is suitable for students of all fitness and skill levels as dancers will develop flexibility, strength and coordination through freestyle and choreography. Dance Technique and Performance helps students build confidence, self-discipline, teamwork and organizational skills, and the ability to express themselves through movement.

DANCE COMPANY 10/11/12 (BY AUDITION). MDNCM10/ MDNCM11/ MDNCM12

Dance Company is a competitive dance team program that is open to grade 10, 11, and 12 students who apply and qualify through teacher approval or audition. This course is for students who are highly motivated and those who have previous dance experience in Jazz, Lyrical, Ballet, and/or Street Dance Styles (ie. Hip Hop, Popping, Locking, House, etc.). Students will either be part of the “WEST” Street Dance Team or the “NW Hyacks” Jazz/Lyrical Team who both perform at community events and compete at High School Dance Competitions throughout the school year.

Requirements:

1. A course application form must be submitted
2. A follow-up audition will be held in the spring of the previous school year
3. Students must ALSO be enrolled in a DANCE TECHNIQUE AND PERFORMANCE course during regular school hours to support their technical development.

DRAMA AND THEATRE PRODUCTION

DRAMA 10 MDRM-10

as a continuation of Drama 9, will explore how to communicate ideas, emotions, and perspectives through acting and theatre performances skills. This is a highly collaborative course where students will work together using critical reflection, creation, cooperation, and the exchange of ideas to explore thematic elements. There will be a focus on characterization to ensure believability of characters during performances. Students will also learn more about script analysis and creation, and different styles of theatre. Improv and fun drama games will be studied to work on skill development. Performers will have opportunities to act in front of a live audience. This course offers students a safe and supportive environment to practice the craft of acting. There could be opportunities to see outside theatrical productions and participate in school performances. Evaluation is based on participation and development, including some written work.

DRAMA 11/12 MDRM-11/MDRM-12

is an introduction to theatre arts. Students will explore independent and collective expression of culture, community, and identity. Performers will work to express ideas, emotions, and meaning through effective portrayal of characters. Using a variety of performance styes, actors will bring stories to life on the stage. Some topics studied are: script analysis and development, scene production, play reviews, improvisation, and practical acting skills. There will be some written assignments. Production assignments will require some extra-curricular time as students will have opportunities to perform for audiences on the main-stage. This course is recommended for students with under 2 years of experience in drama classes and is open to all who would like to learn more about the acting process in a safe environment.

THEATRE COMPANY 10/11/12 MDRTC10/ MDRTC11/ MDRTC12

is a higher-level performance class for students who would like to fully experience the many aspects of putting on a show. The class will produce at least one substantial work for the stage to be performed for an audience in a highly collaborative manner. In this process, students will learn about the interconnected roles and responsibilities within a theatre company, stage etiquette, and the required elements of theatre and acting. Strategies and techniques to support creative processes will be employed to investigate and convey meaning in drama. This course will use the creative-collective approach to create and analyse scripts while learning about the many ways to create and accurately portray characters on the stage. Students who take this course should be invested in the end result, and in enhancing their personal performance skills. Past examples of productions include Remembrance Day, Rock Solid, N-Dub's Got Drama, Dinner Theatre, and class-created original plays. Students enrolled in Theatre Company should have at least 2 years of experience in drama. Those with less experience should enroll in Drama 11/12: Intro.

This course credit is also given to cast members of the Auditioned Musical Theatre Program (MT)

MUSICAL THEATRE FOUNDATIONS 10/11/12 MMUTH10/MMUTH11/MMUTH12

This course is for students wishing to build a foundation in the three elements of Musical Theatre: acting, dancing, and singing. Students will learn a variety of audition, rehearsal, and performance techniques

specific to the musical theatre disciplines of drama, dance, and music. Musical theatre styles, elements, principles, techniques, and vocabulary will be investigated. Students will work in highly collaborative situations to investigate the role of performers, crew, and audiences in a variety of contexts. This class will see students performing both solos and group presentations with a musical revue performed for audiences at the end of the semester. Some previous shows were What is Love? and Brand New You, both featuring original scripts and played to almost sold-out audiences. Published shows have included Annie Jr and High School Musical Jr. This class may be a grade 10/11/12 combined class. This course does not require an audition. Note: This course is not the full Musical Theatre Program that requires an audition (please see separate description). Grade 9s are eligible for this course and would receive grade 10 credit.

THEATRE PRODUCTION 10/11/12 MDRTP10/ MDRTP11/MDRTP12

This course trains students in the "behind-the-scenes" technical aspects of live theatre performance. Areas of learning include production design (sets and props, sound, lights, costumes), technical theatre (implementing production design elements) and theatre management (stage management, marketing, front-of-house, box office). Students who are interested in working as crew on productions or interested in a career in theatre as a non-performer are encouraged to take this course. Students in this class may support school and district events in the NWSS Theatre. This course is recommended for students with some experience in performing arts.

This course credit is also given to crew members in the Auditioned Musical Theatre Program

INDEPENDENT STUDIES 10/11/12: HAIR AND MAKEUP FOR THE STAGE
MIDS-0AH/MIDS-1AH/ MIDS-2AH

In this course, students will explore design and application techniques in hair and makeup for the stage. These skills will be used to develop and create characters for large- and small-scale theatre spaces. Students will learn techniques such as highlight, shadow, blending and more; and use these skills to develop and create unique makeup looks for the stage. Furthermore, after instructional sessions, students will practice styling hair in different fashions. This will include explorations into styles that are specific to significant time periods. Finally, the students will round-out the learning experience by volunteering to work backstage on school productions. These opportunities will allow them to apply their newly acquired skills in real life situations. Students in the course will be required to: attend after-school classes and workshops, volunteer for some evening productions, and purchase a small number of supplies.

DIRECTING AND SCRIPT DEVELOPMENT 11/12 MDRDS11/ MDRDS12

This course will allow students to creatively and practically apply their learning of writing and directing for the stage. We will focus on different styles and structures of delivery as we construct themes, develop plots, and create characters. Time will be spent gathering information about the casting and rehearsal processes as we move towards expanding our understanding of a director's role. Theatrical presentations should make the audience feel something; we will work as playwrights, actors, and directors to bring life to our pieces and evoke meaningful emotions. Students will be required to participate in all aspects of the production process. Students who are interested in this course should have a proficient understanding of English language conventions and should be familiar with the basic principles of acting for the stage. Having an interest in directing, or a desire to learn more about the process, is important.

MUSICAL THEATRE AUDITIONED PROGRAM (different from Musical Theatre Foundations, which is open to students *without* an audition) – Open to Grades 9 – 12 (OFFERED IN 2026/2027)

The Musical Theatre Program at NWSS has seen great success over the last 15 years with productions of Mamma Mia! (2025), Shrek The Musical (2023), Beauty and the Beast (2020), Crazy for You (2018), Legally Blonde (2017), Footloose (2015), Grease (2011), Bye Bye Birdie (2009) and Annie (2008). Each production played to sold out audiences and received accolades from many members of the community commenting on the high caliber of talent and polish. The Musical Theatre Program provides students opportunities to engage in this style of performance while receiving course credits for their efforts.
We will be producing a full musical production at Massey Theatre in 2026/2027 with rehearsals from September 2026 to February 2027, and performances in February/March 2027.

Students interested in participating in the Musical Theatre Program will fill out a regular program course sheet, clearly indicating their interest in the Musical Theatre Program. They also need to sign-up for an audition, prepare audition materials and attend their scheduled audition. Audition information can be found on the school website at www.nwss.ca. If selected to participate in this program, students will be hand-scheduled into the courses.

The musical theatre program has five streams, all of which work together to produce a musical production:

Cast Stream: Performers **MMUTH 10-12MT/ MDRTC 10-12**

Performers For students interested in singing, acting and dancing onstage as part of the show. Students do not have to be strong in all three disciplines to audition, but rather must have interest and enthusiasm for musical theatre. After the audition, selected students will be placed in two classes: Theatre Company MT (Auditioned: Musical Theatre Program) and Musical Theatre, which require additional time on weekends close to the performance date. This is an auditioned program, and auditions occur in late February/early March 2026. Information regarding auditions will be available at www.nwss.ca in advance of that audition time**.**
Courses: Theatre Company (Auditioned: Musical Theatre Program) and Musical Theatre.

Crew Stream: **Technical and Stage Crew** **MDRTP 10-12/ MDRTC 10-12**

For students interested in learning about the behind-the-scenes aspects of musical theatre while being involved in the creation of a large-scale production. Crew will develop artistic abilities and technical skills, as well as learn about production design, technical theatre and theatre management. Crew responsibilities can include sets (design, creation and movement during show), props, costumes, marketing, and management. **Students will also be trained to operate lights and sound in the NWSS Theatre. Students receive credit for Theatre Company (Auditioned: Musical Theatre Program) and Theatre Production**. This stream will require some additional extra-curricular time commitments, particularly leading up to the performances and during tech/performance week. This group will take on leadership roles for production such as head costumer, props master, stage manager, assistant stage manager, running crew, follow spot operator and more. Courses:
Courses: Theatre Company (Auditioned: Musical Theatre Program) and Theatre Productions

Hair and Makeup stream **MIDS-1-2AH**

Students who are interested in learning more about hair and makeup artistry can consider joining the hair and makeup course. The hair and make-up students not only work toward designing, organizing and implementing hair and make up for the entire cast, they also learn a multitude of techniques and styles as

they work their way through the course. Students interested can contact Ms. Cave at tcave@sd40.bc.ca and sign up for the Hair and Makeup IDS course found in the course selection handbook

Orchestra stream **MMUOR 10-12MT**

Students who play instruments at a high level can consider joining the production as orchestra members. The live orchestra plays for all performances, as well as rehearses independently from the cast. Extra rehearsals will be needed with increased involvement and time in the weeks leading up to the show dates. Musicians will be selected based on an audition or by invitation of the band leader. Depending on the musical chosen, the band may need woodwind, brass, strings, piano, guitar and percussion/drum set. Students in the band will register for Musical Theatre (**Auditioned: Musical Theatre Program)**

For more information, including audition info and sign-up, please visit the school website at www.nwss.ca and click on Musical Theatre Program.

MUSIC

CONCERT CHOIR 10/11/12 MMUCC10/ MCMCC11/ MCMCC12

Whether you are new to singing and want to get better, or if you are already a great singer, this class is for everyone who wants to sing together! Come sing with others in this fun class! Singing in a choir gives students a chance to explore their identity, investigate culture and history, and collaborate in artistry with others. In this class students will work in community to gain skills in singing and music literacy, and to explore various styles of music. This class is offered on the timetable. Students participate in at least one performance. No previous music or singing experience is necessary.

CHAMBER CHOIR 10/11/12 MMUCH10 / MMUCH11 / MMUCH12

This is an advanced auditioned choral class (register now and auditions will be held in the first weeks of school to confirm placement in the ensemble) that focuses on learning and performing choral repertoire in a variety of styles to explore identity, culture, belonging and social and emotional well-being. They meet outside the timetable, on Tuesdays and Thursdays before A block. This is for the committed and enthusiastic choral student. Students should have previous singing or instrumental experience and be able to demonstrate basic music literacy. Register now and auditions will be held in September. This class usually participates in a tour in the spring. Past tours have included Japan, Cuba, Banff, Ottawa/Montreal, New York City and New Orleans.

JUNIOR VOCAL JAZZ 9/10 MMU—09VJ / MMUVJ10

This introductory jazz choir focuses on pop singing styles and ensemble singing in a vocal jazz style. Students will learn microphone technique and experience singing with a band. Students will learn about the history and traditions of jazz and pop music including developing personal voice and improvisation. This class also explores solo singing and working with a rhythm section (bass, piano, drums and guitar). This class may participate in a tour in the spring. Previous tours have included Whistler. This class is for the committed and enthusiastic choral student and we meet outside the time table, twice a week before A block.

SENIOR VOCAL JAZZ 11/12 MCMJV11 / MCMJV12

In this more advanced vocal jazz class, students explore the idiom of jazz through ensemble singing. This course is highly participatory and involves at least two extra-curricular performances. Students will learn about the history and traditions of jazz and pop music including developing personal voice improvisation and microphone technique. This class also explores solo singing and working with a rhythm section (bass, piano, drums and guitar). As well, this class develops leadership and community building skills. Students will also have some opportunity to gain solo skills and explore improvisation. This class may participate in a tour in the spring. This class is for the committed and enthusiastic choral student and we meet outside the timetable, twice a week before A block.

CONCERT BAND 10 MMUCB10

Students in this course will further develop instrument techniques learned in Band 9 through rehearsing and performing concert repertoire in a variety of styles. Students will investigate the role of the musician and artist throughout history and explore identity through artistry. This course is highly participatory and involves at least two extra-curricular performances. Generally, a performance tour is planned for Band 10. Previous tours include Whistler, Banff and Sun Peaks.

RECOMMENDED: Participation in Music 9 Concert Band or permission of instructor.

CONCERT BAND 11/12 MIMCB11 /MIMCB12

This course is a continuation of Band 10, with a focus on classic, challenging literature. Students will investigate the role of the musician and artist throughout history and explore identity through artistry. This course is highly participatory and involves at least two extra-curricular performances. Generally, a performance tour is planned for Senior Concert band, with previous tours including Cuba, New Orleans, New York City and Ottawa/Montreal.
Recommended: Instrumental Music 10 Concert Band or permission of instructor

JAZZ BAND 10/11/12 MMUJB10/ MIMJB11/ MIMJB12

Students will learn jazz repertoire and focus on learning basic jazz technique and theory, including improvisation. This class will include explorations of the role of music and art in culture, history, identity, aesthetics, understanding and communication. This course is highly participatory and involves at least two extracurricular performances. This group participates in a tour in the spring.
Recommended: Students should be enrolled concurrently in Concert Band at their grade level.

ORCHESTRA 10/11/12 MMUOR10/ MMUOR11/ MMUOR12

In this course, students will have the opportunity to rehearse and perform on their chosen instrument in a group setting. This full year course includes traditional orchestral string instruments (violin, viola, cello, upright bass). Advanced music students will be given more challenging repertoire to play in smaller groups. As well, students that would like to begin to learn how to play the violin, viola, cello, or upright bass, but have no formal training will be guided through the first steps of how to set up, hold and play their chosen instrument as well as how to read standard notation. Students must own or rent an instrument for the duration of the class. Some school instruments are available for those who need assistance. Please contact Mr. Paterson at jpaterson@sd40.bc.ca if you have any questions about this class.

MUSIC COMPOSITION AND PRODUCTION 10/11/12 MMUCP11/MMUCP12

Students learn the basics of music composition fundamental to all styles of Western music, from Classical and Jazz to Rock, Pop, Hip Hop, electronic music, and beyond. Students will create and record music using Logic Pro X, a cutting-edge digital audio workstation made by Apple. Students will explore music composition's ability to communicate, reflect time and culture, represent identity, and transform enroll in MMUCP11.

GUITAR 10 MMUGT10

This course is for students beginning or continuing their guitar studies. Beginners will be instructed in guitar techniques and theory outlined in Guitar 9. Music fundamentals will be reinforced by focusing on how to play more advanced chords, scale shapes, strumming and picking techniques and fingerstyle. Students learn to play a wide variety of music and how to apply music principles by learning their own repertoire and writing their own compositions. There will be a focus on playing in small groups and learning how to improvise in group settings. Those with previous experience on the guitar will be able to learn advanced techniques of improvisation in small group settings. This course is offered on timetable during the semes

GUITAR 11 MIMG-11

This course is for students interested in starting or continuing their guitar studies. Beginners will be instructed in guitar techniques and theory outlined in Guitar 9. More advanced students will be focusing on advanced music fundamentals will be approached by focusing on how to construct extended and alternate chords and how to use these with the scale modes. Students will begin to build their own repertoire and make arrangements of songs by learning the process of transcription and playing by ear. Rhythm studies will become a focus for playing in groups and composing. This course is offered on timetable during the semester.

GUITAR 12 MIMG-12

This course is offered to students interested in beginning or continuing their guitar studies. Beginners will be instructed in guitar techniques and theory outlined in Guitar 9. Advanced music principles include how to utilize voicings of extended and altered chords and how to use these with the scale modes. Students begin building their own repertoire of arrangements of songs by continuing the process of transcription and playing by ear. There will continue to be a focus in playing in groups and a strong emphasis on improvisation. This course is offered on the timetable during the semester.

PERFORMANCE GUITAR 10/11/12 MMUCM10/ MMUCM11/ MMUCM12

This class is open to students that want opportunities to perform in ensemble settings in public. Please note: Students interested in this class must be able to read standard notation, as well as have experience playing their instrument for a minimum of 4 months. Unlike the other guitar courses offered, this class requires students to have their own instruments and to be able to dedicate time outside of class to practice their assigned repertoire. Like band, orchestra and performance choir classes, students will ideally have opportunities to perform in public on a regular basis. This course is offered on the timetable during the semester.

VISUAL ART, PHOTOGRAPHY AND MEDIA ART

ART STUDIO 10 MVAST10

The BIG IDEA for this course is to explore the many aspects of visual arts in both 2D and 3D mediums as it enables artistic expression. Students will learn the creative process including exploring personal identity, diverse perspectives, and the language of visual art. Students will review the elements of art, produce work at their technical level and expand their skills and ability. Get your hands on cool art equipment and technology to learn the art of communicating with visual imagery. A list of specific supplies needed for this course will be provided in the first week of class. **Course Fee: $30**

STUDIO ARTS 2D: DRAWING AND PAINTING 10 MVAD-10

This course offers time in your day to explore meaningful and unique ways of expressing yourself and discovering your artistic process. You will get your hands on real artist's materials and technologies for artistic expression. You will learn to notice how art connects our personal experience to our communities, cultures and histories and you will learn how to talk about your own work and other students' work to build artistic skills and interpretation. Projects in this class will focus on 2D art practices such as painting and drawing. This course is looking at more advanced techniques and as such is best suited to students with experience in drawing and/or painting. A list of specific supplies needed for this course will be provided in the first week of class. **Course Fee: $30**

STUDIO ARTS 3D: SCULPTURE AND BEYOND 10 MVAC-10

In this course students explore meaningful and unique ways of expressing and discovering their artistic process. You will get your hands on real artist's materials, tools and technologies for artistic expression. You will learn to notice how art connects our personal experience to our communities, cultures and histories and you will learn how to talk about your own work and other students' work to build artistic skills and interpretation. A list of specific supplies needed for this course will be provided in the first week of class. Typical projects may include sketchbook exploration, drawing and painting techniques, carving, modelling, casting, construction, multimedia, abstraction, realism, architecture or landscape. Students are expected to purchase supplies for the class. **Course Fee: $30**

ART STUDIO 11/12 (INTRO TO VISUAL ART) MVAST11/MVAST12

These intro art courses are for students who have little or no experience in visual arts. Learn techniques for basic drawing, painting, and planning processes to make your ideas come to life. This course is perfect for the grade 11/12 student who is interested in starting an art practice or looking to get experience in the arts for graduation credit requirements. A list of specific supplies needed for this course will be provided in the first week of class. **Course Fee: $30**

STUDIO ART 2D 11/12 (PAINTING AND DRAWING) MVAD-11/MVAD-12

Take a class during your day to get creative! You will get your hands on real artist's materials, tools, and technologies for artistic expression. You will learn to notice how art connects our personal experience to our communities, cultures and histories and you will learn how to talk about your own work and other students' work to build artistic skills and interpretation. Projects in this class will focus on 2D art practices such as painting and drawing. This course is looking at more advanced techniques and as such is best suited to students with experience in drawing and/or painting. A list of specific supplies needed for this

course will be provided in the first week of class. Students enrolled in this class should have taken a studio arts class in the last 2 years. **Course Fee: $30**

STUDIO ART 3D 11/12 (SCULPTURE AND BEYOND) MVAC-11/MVAC-12

This course gives you time and opportunity to play with shape and form in a way that communicates ideas, emotions and perspectives. You will begin to understand how sculpture connects artist to their communities, histories and society. As an artist your growth will depend on your ability to persevere, be resilient and reflect in meaningful ways. Typical projects may include: sketchbook exploration, drafting, clay, found objects, paper mache and costume. This course is looking at more advanced techniques including carving, modelling, casting and construction. As such is best suited to students with experience visual arts. A list of specific supplies needed for this course will be provided in the first week of class.
Students enrolled in this class should have taken a studio arts class in the last 2 years. It is particularly good course for students looking to pursue post-secondary art training or training in the creative industries. **Course Fee: $30**

GRAPHIC ARTS 11/12 MVAGA11/ MVAGA12

Love to design? This course offers you time to discover design and the importance of balance and visual language. This unique art form uses specific technical processes to convey messages to attract and impact audiences. Graphic artists use the power of line, text, colour and image to contribute to culture and reveal insights into our human experience through perseverance, resilience, and artistic risk taking. This course may be of interest to those considering a career or post-secondary instruction in applied design, advertising, and visual communications. A list of specific supplies needed for this course will be provided in the first week of class. **Course Fee: $30**

PHOTOGRAPHY 10/11/12 MVAPH10/ MVAPH11 / MVAPH12

This course allows students to explore and experiment with ideas and concepts related to digital photography. Camera basics, developing an eye for compositional style and proficient use of post-production software will help students create visual art and hopefully instill a love of photography for their futures. Students will be exposed to various genres of the craft including art & product photography, portraiture, playing with light and capturing action & events that are happening in their own lives and around the school community. **Course Fee: $35**

MEDIA ARTS 10 MVAM-10A

This course introduces you to communication and expression through media arts such as digital imagery, animation, video, film, new media (ie: art that uses technology as a main component) and/or sound. Students will use media arts to explore culture, history, identity, aesthetics and will use media arts to create and communicate. Students will watch a wide variety of animations and learn how they were made. **Course Fee: $30**

MEDIA ARTS 11/12 MVAMT11A/ MVAMT12A

In this course you will explore communication and expression through media arts such as animation, digital imagery, video, film, new media (ie: art that uses technology as a main component) and/or sound. Students will use media arts to explore culture, history, identity, aesthetics and will use media arts to create and communicate. This course could prepare students for entry into a post-secondary media arts program and a career in animation, video, film, new media and/or sound. **Course Fee: $30**

CAREER EDUCATION

https://curriculum.gov.bc.ca/curriculum/career-education

CAREER LIFE EDUCATION 10 MCLE-10

Career Life Education (CLE) is a graduation requirement and supports students in becoming successful, educated citizens by helping them learn how to effectively manage their life journey toward preferred future possibilities. It focuses on gaining a clear understanding of career-life development knowledge, skills, and strategies for life's journey into adulthood. Career Life Education 10 includes:

- The exploration of career-life possibilities for adult life - its roles, opportunities, and community resources
- Examination of ways to publicly represent ourselves both face-to-face and in digital environments
- Researching post-graduation options and planning resources, such as labour market trends, financial literacy, and workplace safety guidelines

Students are also encouraged to start the completion of the 30 hours of career-life work exploration graduation requirement, encompassing a multitude of options. Students can find paid, or volunteer work. They can use work or volunteer experience after completion of Career-Life Exploration 10 (CLE 10), to complete this requirement. Forms to document these 30 hours are available in the counseling area.

CAREER LIFE CONNECTIONS 12 MCLC-12

CLC 12 will be delivered online through Teams by a NWSS teacher.

Career-Life Connections (CLC) will enable students to develop the skills they need to become self-directed individuals who successfully set goals, make thoughtful decisions and take responsibility for pursuing their goals throughout life. Building from CLE 10, students will explore post-secondary education options, careers, health and finances. At the end of the course, students will be more aware of opportunities that are available to them. Career-Life Connections focuses on applying personal career-life management knowledge, skills, and strategies toward a personal life journey.
The Capstone is the final project for this course. It is a requirement for Career-Life Connections and for graduation. The purpose of the capstone is for students to demonstrate the knowledge, competencies, and passion(s) that they can offer the world, as they integrate personal interests and strengths with preferred future possibilities. It is a representation of the student's K-12 learning journey and provides an opportunity to reflect and synthesize as well as showcase and celebrate Career Life Connections 12 is a full year course, delivered only online, outside the regular schedule, requiring students to be self-directed and independent learners. Semester One focuses on on-line Module work and Semester Two on Capstone. Students work independently to meet set deadlines.

A critical part of Career Life Connections 12 is the student-mentor relationship. Mentors provide students with practical, "real world" guidance as the students move toward career and/or post- secondary decisions. With this in mind, please note the following:

- It is the student's responsibility to identify a Capstone mentor and to document all interactions with the mentor.
- A minimum of three interactions is required throughout the duration of the Career Life Connections 12 course.

- In addition to supporting the Capstone, a mentor guides students to refine their career life development goals, cultivate community connections, and reflect on their learning in and out of school.

Students are also required to complete 30 hours of career-life work exploration, which encompasses a multitude of options. Students can find paid, or volunteer work. They can use work or volunteer experience after completion of Career-Life Exploration 10 (CLE 10), present employment, or seek out new experiences to complete this requirement.

Below is a list of opportunities that may be considered for the fulfillment of the 30-hour career-life exploration component:

- Prior or current paid or unpaid work experience
- Volunteerism or community service
- Work Experience 12A/B
- Youth Work in Trades 11/12
- Leadership or service learning
- Fieldwork, entrepreneurship, and projects focused on an area of deep interest

It is the student's responsibility to provide documentation of the 30 hours of work exposure. Students who have exhausted the above options and cannot arrange for work/volunteer experience over the duration of the course must contact their CLC teacher early for an alternative major project centered around potential future career options.

CLC 12 is predominately delivered on Microsoft Teams, requiring students to be self-directed and independent learners. Meeting times and office hours will be negotiated, to accommodate class space and student and teacher schedules. Students may schedule face-to-face sessions with their teachers for individual support as needed, and for special presentations.

Experience with online learning like this will support future post-secondary experiences and lifelong education.

WORK EXPERIENCE

WORK EXPERIENCE 12A/B MWEX-2A, MWEX-2B

*Work Experience 12A or B (WEX 12A/WEX 12B) programs require submission of an application package and an interview. *

Work Experience 12A or Work Experience 12B is a valuable opportunity, preparing you for the transition from secondary school to the world of work or further education and training. 30% of work experience course hours is devoted to in-school learning for the course. 70% of the time will consist of actual unpaid work placements in the community setting where you will be able to:

- Apply classroom learning in a context outside of school and bring back new perspectives
- Network with employers for future jobs
- Negotiate and manage your own schedule
- Reinforce your post-secondary program and career choice(s)
    - An application process is required. Once students have applied to Work Experience on your course selection, a Career Programs teacher will schedule an interview with you to ensure your work readiness, and that there is an appropriate match for a work placement, notifying you of the results by the end of the current semester. You will need an updated resume, cover letter, and one teacher reference for the interview. You will have completed CLE 10.
    - Once in WEX, you attend class in block D for about 5 weeks and your teacher sets up your first job with your input. Once the in-class component is complete, you go to the job site, do VOLUNTEER work (unpaid) and do not attend Blk D class for the rest of the semester, except for answering online questions once a week or when notified by the teacher (2-3 times)
    - Scheduling a Blk E spare enables full afternoons to immerse yourself in the work, be exposed to more tasks, and complete your hours faster. Hours can also be completed on non-instructional days, weekends, winter/spring break, and other holidays.

Work Experience 12A must be taken before Work Experience 12B. WEX 12B provides the opportunity to double the amount of time spent at a work placement.

Work Experience is unique in structure and so students need to be:

- self-directed and motivated, willing to do all sorts of duties at the worksite
- interested in the career area you choose, with relevant coursework to support your choice
- **dependable and dedicated** – extra effort is required to travel to and from the worksite, with some placements located outside of the community. School attendance is a key indicator that is looked at.
- Able to communicate well with your teacher and employer. You respond to Chats, and any pre-course meetings are attended.

Contact Ms. Gurba, the Work Experience coordinator, for further information at cgurba@sd40.bc.ca.

LEADERSHIP EDUCATION

LEADERSHIP 10, 11, 12 YCPA-0A-2FY, ICPA-1A-2FY, YCPA-2A-2FY

Leadership is an individualized program for students who are interested in assuming leadership roles in the NWSS Student Leadership Council. This course provides students the opportunity to become active citizens in the school community. Students will develop skills in the areas of organization, communication and team building. Students taking this course must have the initiative to plan and implement activities for others in the school and work with other agencies in the community. It recommended that Grade 9's take Athletics Leadership 9 in their first year of high school**.**
NOTE: Grade 9 students may only apply for this program if there is space in second semester by contacting the instructor.

Admission/Pre-requisite: Application, Interview, and Written Recommendation from a teacher is required. In addition, a required information meeting for all levels is held in late May/June.

ENGLISH LANGUAGE ARTS

https://curriculum.gov.bc.ca/curriculum/english-language-arts

ENGLISH LANGUAGE ARTS 10

Every student will be enrolled in Literary Studies 10 or English First Peoples Literary Studies 10. In addition, every student will select one of the four options: Composition 10, New Media 10, English First Peoples Writing 10 and English First Peoples Spoken Language 10 for a combination of two Ministry developed courses worth two credits totaling four credits. Each option includes three or more common Big Ideas and will incorporate Indigenous content and principles of learning. Students are expected to meet the same learning standards, and all students will be assessed on their skills in reading, listening, viewing, writing, speaking and representing. The Ministry of Education requires that all students write the Provincial Literacy 10 Assessment. This assessment is separate from English Language Arts and English First Peoples 10 courses.

Composition 10 and Literary Studies 10 (4 credits) **MCMPS10 & MLTST10**

This course was designed for students to explore literature while developing skills in written communication in a variety of contexts. The course allows students to read, select, analyze and synthesize literature as they explore literary works in a variety of media, from a range of geographic areas and from a range of voices. This course is designed to support students in their development of written communication through a critical process of questioning, exploring, and sampling. The course also provides students with opportunities to think critically as they explore, extend, and refine their own writing. Within a supportive community of writers, students will work individually and collaboratively to explore and create coherent, purposeful compositions. They will develop their craft through processes of drafting, reflecting, and revising to build a body of work that demonstrates breadth, depth, and evidence of writing for a range of real-world experiences.

English First Peoples Writing 10 and English First Peoples Literary Studies 10 (4 credits)
MEFWR10 & MEFLS10

This course is for students of all backgrounds interested in exploring First Peoples literature in a variety of contexts, genres, and media as well as writing for a variety of purposes and contexts. This area of choice provides students with opportunities to explore personal and cultural identities, histories, stories, and connections to land/place. This course is grounded in the understanding of how texts are historically and culturally constructed. Students will work individually and collaboratively to broaden their understanding of themselves and the world as well as develop their writing skills and create coherent, purposeful, and engaging compositions.

English First Peoples Spoken Language 10 and English First Peoples Literary Studies 10
(4 credits) **MEFSL10 & MEFLS10**

First Peoples oral text plays a role within the process of Reconciliation. In this course, students refine, clarify, and adjust their spoken communication through processes of questioning, exploring, and sampling. The course builds students' spoken language competencies by introducing them to varied structures, forms and styles of oral compositions and by providing opportunities for students to individually and collaboratively study, draft and use language to create original pieces in a variety of modes. This area of choice will also provide students with opportunities for performance, storytelling, and public speaking.

ENGLISH LANGUAGE ARTS 11

Students must complete one English Language Arts 11 course for Graduation. These courses are a continuation of four credit courses developed by the Ministry of Education and will incorporate Indigenous content and principles of learning. Students are expected to meet the learning standards, and all students will be assessed on their skills in reading, listening, viewing, writing, speaking and representing.

Composition 11 (4 credits) **MCMPS11**

This course is designed to support students as they refine, clarify, and adjust their written communication through practice and revision. Students will read and study compositions by other writers and be exposed to a variety of styles as models for the development of their writing. The course provides opportunities for students to, with increasing independence, study, create, and write original and authentic pieces for a range of purposes and real-world audiences. They will expand their competencies through processes of drafting, reflecting, and revising to build a body of work that demonstrates expanding breadth, depth, and evidence of writing for a range of situations. They will develop confidence in their abilities as they consolidate their writing craft.

Creative Writing 11 (4 credits) **MCTWR11**

This course is designed for students who are interested in developing confidence and refining their writing skills through self-expression for various creative purposes. The course provides students with in-depth opportunities to explore personal and cultural identities, memories, and stories in a wide range of genres. Within a supportive community, students will collaborate and strengthen their skills through writing and design processes. Creative Writing 11 is grounded in the exploration and application of writing processes, inviting students to express themselves creatively as they reflect on, adjust, and extend their writing skills using fiction, creative nonfiction, memoir and other forms.

English First Peoples Literary Studies and New Media 11 (4 credits) **MELNM11**

This course is for students of all backgrounds. First Peoples texts and stories provide insight into key aspects of Canada's past, present, and future. Self-representation through authentic First Peoples text is a means to foster justice. New media influence people's understandings of community, and First Peoples texts play a role within the process of Reconciliation.

ENGLISH LANGUAGE ARTS 12

Students MUST take English Studies 12 or English First Peoples 12. Students may also choose other ELA courses as electives. The Ministry requires that all students take a Literacy Assessment, but the assessment is separate from ELA 12 courses. Each course is a four-credit course developed by the Ministry of Education. While there are no prerequisites, students should make choices based on their post-secondary goals. Students are expected to meet the learning standards, and all students will be assessed on their skills in reading, listening, viewing, writing, speaking and representing.

English Studies 12 (4 credits) **MENST12**

English Studies 12 course builds upon and extends students' previous learning experiences in English courses. It is designed for all students and provides them with opportunities to refine their ability to communicate effectively in a variety of contexts and to achieve their personal and career goals; think critically and creatively about the uses of language; explore texts from a variety of sources, in multiple modes, and reflective of diverse worldviews; deepen their understanding of themselves and others in a changing world; gain insight into the diverse factors that shape identity; appreciate the importance of self-representation through text; contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples; and expand their understandings of what it means to be educated Canadian and global citizens.

English First Peoples 12 (4 credits) **MENFP12**

English First Peoples 12 offers students of all backgrounds the opportunity to explore First Peoples' worldviews through literature. The First Peoples Principles of Learning guide students and teachers through the rigorous curriculum. The course highlights Canadian and International First Peoples literature as the point of discussion and analysis. Like English Studies 12, students in EFP 12 are expected to demonstrate understanding of sophisticated texts of recognized literary merit and complete challenging assignments to rigorous academic standards. **Students may choose English First Peoples 12 to satisfy their ELA 12 requirement for Graduation.**

INCLUSIVE EDUCATION

CORE FOUNDATIONS COURSES:

LITERACY – available grade 9-12 [no credit]

XSIEP9A – grade 9 **XSIEP0A** – grade 10 **XSIEP1A** – grade 11 **XSIEP2A** – grade 12

In this course, a variety of literacy topics will be explored using technology and hands-on materials based on the student's individual IEP literacy goals.

NUMERACY – available grade 9-12 [no credit]

XSIEP9B – grade 9 **XSIEP0B** – grade 10 **XSIEP1B** – grade 11 **XSIEP2B** – grade 12

In this course, a variety of numeracy topics will be explored using technology and hands-on materials based on the student's individual IEP numeracy goals.

SOCIAL SKILLS – available grade 9-12 [no credit]

XSIEP9D – grade 9 **XSIEP0D** – grade 10 **XSIEP1D** – grade 11 **XSIEP2D** – grade 12

Social Skills offers far more than the ability to communicate with other people. The skills learned are crucial to making friends, succeeding in school, and obtaining a job.

INDEPENDENT LIVING - available grade 9-12 [no credit]

XSIEP9E – grade 9 **XSIEP0E** – grade 10 **XSIEP1E** – grade 11 **XSIEP2E** – grade 12

Independent living is a follow up course to Community Access. In this course, students will learn about food and nutrition, grocery shopping skills, age-appropriate chores, transit skills, and work on individual goals to promote independence at home and in the community.

Community Access /Life Skills – available grade 9-12 **[**no credit]

XLIFE09 – grade 9 **XLIFE10** – grade 10 **XLIFE11** – grade 11 **XLIFE12** – grade 12

In this course students are exposed to both signs and words for topics such as school, safety, survival, restaurant, grocery, hygiene, grooming, and public transportation. Each student's functional skills are assessed and through direct instruction, guided practice and independent work, students meet their individual educational needs.

WORK EXPERIENCE – available grade 10-12 [no credit]

XWE10 – grade 10 **XWE11** – grade 11 **XWE12** – grade 12

The Work Experience course is intended to help students with the transition from secondary school to the world of employment, as well as further education and training. Students gain knowledge and experience about the workplace and are provided with an opportunity to apply classroom learning in a context outside of school (when possible).

Applications for Learning – available grade 9-12 [4 credits]

XSPBK09 – grade 9 (no credit) **YCPA0B** – grade 10 **YCPA1B** – grade 11 **YCPA2B** – grade 12

The Applications for Learning course provides students the opportunity to build their learning and study skills with the support of a Learning Support Teacher. The course provides direct instruction in effective learning skills and strategies that are required for students to become independent, successful learners.

For each grade level the primary focus for students taking this course will be:

- Direct instruction in strategies related to the students learning profile
- Direct instruction in executive functioning skills (organization, time management, note taking skills, study skills...)
- Support with strategies and skills implementation
- Self-advocacy and self-determination

The course is designed to promote student thinking and reflection with respect to personal strengths, stretches, history, and personal preferences.

ENGLISH LANGUAGE LEARNERS

English Language Learning programs are offered to help students develop fluency and literacy in English so that they will be able to function in the social and academic environment of mainstream classes.
Goals and Objectives:

- Social and communicative proficiency (the language of social interaction) in everyday life.
- Academic communicative proficiency (the language of academic instruction) in school life.
- Learning strategies, study skills, and problem-solving skills pertaining to school and everyday life.
- Speaking, listening, reading, writing and English grammar.

ENGLISH LANGUAGE LEARNERS 1 XESL-0901

This course is designed to provide language instruction and support for ELL students who are in the Beginning and Developing phases of language acquisition. This course is designed to enhance a student's language acquisition process through listening, speaking, reading and writing activities. Each student is assessed throughout the course by the ELL teacher to determine the next placement upon course completion.

ENGLISH LANGUAGE LEARNERS 2 XESL-0902

This course is designed to enable students to learn strategies and extend skills in the main areas of reading, writing, listening, speaking and cultural awareness and learning strategies. The focus will be on activities in the area of informational communication, mass media and literary communications. This course is recommended for ELL students who are developing and expanding their English language skills. Each student is assessed throughout the course by the ELL teacher to determine the next placement upon course completion.

ENGLISH LANGUAGE LEARNERS 3 XESL-0903

In this course, students continue to improve their speaking, listening, reading, and writing. This class focuses on both literature and language, and gives students an opportunity to read, discuss, respond and connect to a variety of texts. This course focuses on helping students further develop vocabulary and language skills that are necessary in the study of academic concepts. Each student is assessed throughout the course by the ELL teacher to determine the next placement upon course completion.

ENGLISH LANGUAGE LEARNERS 4 XESL-0904

In this course, students continue to strengthen their four language skills. Students will read and interpret a variety of literary genres (poetry, short stories, novels, drama), employ a variety of writing styles, expand their vocabulary, and further hone their grammar skills. Level 4 students can take a regular English course. Each student is assessed throughout the course by the ELL teacher to determine the next placement upon course completion.

CANADIANA – ELL 1 & ELL 2 XESL-09CAN

This course is designed to help new immigrants understand their new home by covering essential knowledge typically learned in Canadian elementary schools, which is necessary for secondary Social Studies, Geography, and English classes. Students will learn about mapping Canada and its global position, the regions and topography of Canada, including Atlantic Canada, the Great Lakes and St. Lawrence Lowlands, the Canadian Shield, the Cordillera, the Prairies, the Arctic, and British Columbia. They will study the capital cities, land use, main industries, and resources of Canada, and explore a detailed map of British Columbia, highlighting its unique landforms and regions such as the Lower Mainland, Island, Okanagan, Northern Coast, and Northern B.C., along with its topography, land use, and First Nations groups. The course will also explain the structure, parties, powers, and responsibilities of the federal government, as well as the structure, parties, ridings, powers, and responsibilities of the provincial government. This course aims to provide a comprehensive understanding of Canada's geography and government, equipping students with the foundational knowledge needed for further studies.

CULTURAL IDENTITIES 11 YESFL-1A

This course is intended for students at ELL Level 2 or 3. It is designed to support students to build confidence in their ability to communicate effectively in English. Cultural Identities 11 focuses on cultural knowledge and lived experiences that students from foreign countries bring with them when they come to Canada. This course provides students with engaging and interesting ways to develop and apply their English language abilities (reading, writing, listening and speaking) by leveraging students' existing diverse cultural knowledge and their own sense of identity. The aim of this course is to have students learn English by telling their own stories and comparing their experiences to other cultures, including Canadian culture and Indigenous cultures. This course will honor all students' history and culture by drawing on their knowledge, experiences, and sense of identity.

LANGUAGES

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

FRENCH 10 MFR—10

This is a continuation of the French 9 program. Students broaden their ability to describe and explain their personal experiences using more detailed and specific language structures with sophisticated vocabulary. A greater emphasis will be placed on developing students' written and verbal output of French, as well as developing their abilities to decode longer texts on a variety of topics. Students will engage in the daily use of French in the four areas of language acquisition: listening, reading, writing, and speaking. Students will narrate stories and/or events by providing greater detail and descriptions while at the same time broadening their fluency and mastery of past tense time frames and use of irregular verbs. Students explore more about Francophone Canadians and communities across Canada and beyond, as well as their contributions to society as part of *la francophonie*. **Recommended**: French 9

FRENCH 11 MFR—11

This is a continuation of the French 10 program. Students will continue to develop their thinking and communication skills in the target language, including listening, speaking, reading and writing. Students will explore cultural practices and traditions in various francophone regions and creative works. There will be a greater emphasis on effective communication through the use of different verb tenses, language etiquette, register, a more sophisticated and precise vocabulary, and use of idiomatic expressions.
Students will develop more detailed and structured paragraphs to express their point of view on a variety of thematic topics, as well as explore francophone culture through a variety of texts, media, and conversations during class. It is expected that students be motivated and willing to participate during class activities and discussions in order to develop greater fluency with the language. French 11 may provide the minimum language entrance requirement for some universities (However, specific programs may require a Language 12 course credit).

Recommended: French 10

FRENCH 12 MFR—12

This is a continuation of the French 11 program. With greater proficiency in French, students will express themselves with increasing fluency and accuracy, and be able to justify opinions and develop their identity as French speakers. Through francophone cultures, students will explore global issues and forms of cultural expression to develop their intercultural understanding and critical thinking. RECOMMENDED: French 11 (a letter grade of C or greater is recommended).

JAPANESE 10 MJA—10

This course is a continuation of Japanese 9 where students build on individual language skills and will develop an improved comprehension of Japanese. New themes will be introduced with more depth and enrichment, particularly in speaking and listening. By the end of the course, students will be comfortable and confident in reading and writing *hiragana*, *katakana* and some *kanji*. **This course is not for native speakers**.
Recommended: Japanese 9

INTRODUCTORY JAPANESE 11 MBJA-11

Intro Japanese 11 is an **intensive** Japanese class taught at an **accelerated pace** that combines in **one** semester curricula normally covered in Japanese 9 and 10. A good work ethic is required. Students will master hiragana and Katakana and understand the use of Kanji (Chinese characters) in the Japanese writing system. Everyone will be starting a new language. Japan has a rich culture, and frequent cultural activities will enrich students' experiences with studying Japanese.
This course is not for native speakers. Open to motivated students in all grades.

JAPANESE 11 MJA—11

Students will continue to work on perfecting their performance in the Japanese language. Confidence will come in communication skills and daily conversation. Building on these skills with an emphasis towards mastery, students will become familiar with vocabulary, common expressions, and sentence patterns. Students will begin to show initiative and development in their understanding of the Japanese language and culture. Major projects using *hiragana*, *katakana* and *kanji*, as well as spoken language will enrich students' experiences with studying Japanese.
Recommended: Japanese 10 or Intro Japanese 11
This course is not for native speakers.
Native speakers are encouraged to take the Greater Vancouver challenge exam to receive credit for Japanese 11.

JAPANESE 12 MJA—12

This course will further develop the student's skills in the Japanese language. Project based learning will be the foundation of this course, using authentic Japanese sources to improve language comprehension. More emphasis on writing and conversational Japanese along with rich cultural experiences will be presented in this course.
Recommended: Japanese 11

This course is not for native speakers. Native speakers are encouraged to take the Greater Vancouver challenge exam to receive credit for Japanese 12.

KOREAN 10 MKOR—10

Korean 10 is a continuation of Korean 9, where students will increase fluency using the Hangul writing system and learn more ways to express themselves in everyday Korean. Authentic materials representing the "K-Wave" of culture will be used for students to have a more contemporary experience with language learning and to connect with existing interests in Korean pop culture. **This course is not for native speakers.**
Recommended: Korean 9

INTRODUCTORY KOREAN 11 MIKOR--11

Intro Korean 11 is an intensive Korean class taught at an accelerated pace that allows students to build a foundation in conversational Korean. A good work ethic is required. Students will master Hangul, a writing system designed specifically for the Korean language. Students will learn about Korean culture from past to present. This course is not for native speakers. Open to motivated students in all grades.

KOREAN 11 MKOR--11

Korean 11 continues from Introductory Korean 11 to dive further into Korean culture and language. Students will be learning how to give their opinions and talk about different points of view. We will further explore the history and culture of Korea, both traditional and modern. Through project-based learning and real-world contexts students will build confidence in their Korean skills and ability to communicate.
Recommended: Korean 10 or Intro Korean 11
This course is not intended for native speakers. Native speakers are encouraged to take the Greater Vancouver challenge exam to receive credit for Korean 11.

KOREAN 12 MKOR--12

Korean 12 provides an opportunity for students to progress further in the Korean language. They will explore in more depth different levels of formality in the language, while also learning about differences in dialects throughout the Korean peninsula. Cultural learning from across the Korean diaspora will help students to achieve confidence in their abilities.
Recommended: Korean 11
This course is not intended for native speakers. Native speakers are encouraged to take the Greater Vancouver challenge exam to receive credit for Korean 12.

PUNJABI 10 MPUN-10

Punjabi 10 takes students beyond the basics to help them communicate confidently in everyday and cultural contexts. Through creative projects, discussions, and cultural exploration, students will strengthen their Punjabi language skills while learning about the lives, stories, and accomplishments of Punjabi Canadians who have shaped Canada's diverse identity.

Recommended: Punjabi 9

PUNJABI 11 MPUN-11

Punjabi 11 focuses on expanding students' language proficiency and cultural understanding. Through discussion, writing, and real-world communication tasks, students will deepen their mastery of grammar, learn advanced vocabulary, and practice expressing complex ideas clearly. The course emphasizes confident communication and a more mature understanding of Punjabi language structure and culture.

Recommended: Punjabi 10 or Introductory Punjabi 11

PUNJABI 12 MPUN-12

Punjabi 12 extends the language skills and cultural understanding developed in Punjabi 11. Students will strengthen their reading, writing, listening, and speaking abilities through the study of authentic texts, including short stories, plays, and poetry. The course emphasizes advanced grammar, vocabulary development, and effective written and oral communication. Students will also explore Punjabi literature and culture in greater depth while expressing ideas with accuracy and sophistication.

Recommended: Punjabi 11

SPANISH 10 MSP—10

Spanish 10 builds on the concepts taught in Spanish 9. The course aims to develop further the student's ability to communicate effectively in Spanish using increasingly complex vocabulary, sentence structures and expressions in past, present and future time frames. This course continues the exploration of the cultures of the Spanish-speaking world fostering thinking from others' perspectives and raising social awareness.
Recommended: Spanish 9
Note: This course is not for native speakers of Spanish.

INTRODUCTORY SPANISH 11 MBSP-11

Introductory Spanish 11 is an **accelerated course** that combines in one semester curricula normally covered in Spanish 9 and Spanish 10. It aims to develop reading, writing, listening and speaking skills. The emphasis in this program is on effective communication in Spanish in past, present and future time frames. This course is designed to provide the student with awareness and appreciation of Hispanic cultures and traditions fostering thinking from others' perspectives and raising social awareness. This course is **very fast paced.**
Note: This course is not for native speakers. This course is open to students in Grade 11, and 12 only. Students who were unsuccessful in Spanish 10 may be considered for enrollment

SPANISH 11 MSP—11

This course aims to develop the student's skills in listening, speaking, reading and writing in past, present and future time frames. Students will interact with greater confidence in Spanish. Students will compare, contrast, and respond to creative works and contemporary issues from the Hispanic world fostering thinking from other perspectives and raising social awareness. Successful completion of Spanish 11 may provide the minimum language entrance requirement for some universities.
Recommended: Introductory Spanish 11 or Spanish 10
Note: This course is not for native speakers. Native speakers are encouraged to take the Greater Vancouver challenge exam to receive credit for Spanish 11.

SPANISH 12 MSP—12

This course will further develop the student's skills in listening, speaking, reading and writing in past, present and future time frames. More emphasis will be placed on Hispanic cultures, civilization and literature fostering thinking from others' perspectives and raising social awareness.
Recommended: Spanish 11
Note: This course is not for native speakers. Native speakers are encouraged to take the Greater Vancouver challenge exam to receive credit for Spanish 12.

MATHEMATICS

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

WORKPLACE MATHEMATICS 10 MWPM-10

Workplace Mathematics 10 introduces students to the mathematical skills and competencies needed for success in today's workforce. Key topics include graphing, trigonometric ratios, geometry, measurement, central tendency, experimental probability, and financial literacy. Students will develop essential competencies—such as estimating, visualizing, modelling, effective use of technology, and clear communication—through practical, real-world mathematical applications.

Note: A scientific calculator will be required for this course.
Recommended: Successful completion of Mathematics 9.

FOUNDATIONS OF MATHEMATICS AND PRE-CALCULUS 10 MFMP-10

Foundations of Mathematics 10 is designed to build the mathematical understanding and competencies needed for a range of post-secondary pathways, including those that may not require theoretical calculus. The course provides a solid foundation in key topics such as powers, functions, linear relations and systems, trigonometry, polynomials, and financial literacy.

Students engage with mathematics through reasoning, problem solving, communication, connection, and reflection. These Curricular Competencies are developed through meaningful tasks, real-world applications, and collaborative learning experiences that encourage deeper thinking in mathematical decision-making.

This course supports learners in becoming flexible and analytical thinkers, capable of interpreting and solving problems in various contexts. It is suited for students who benefit from a balanced approach to conceptual understanding and practical application.

Note: A scientific calculator is required for this course.
Recommended: C+ or better in Mathematics 9.

WORKPLACE MATHEMATICS 11 MWPM-11

Workplace Mathematics 11 builds on the foundations of Workplace Mathematics 10, further developing the mathematical skills and competencies needed for entry into the workforce. Students will explore financial literacy, rate of change, probability, statistics, graphs, 3D objects, angles, and scale diagrams. Throughout the course, they will strengthen key competencies—estimating, visualizing, modelling, using technology effectively, and communicating—through practical, workplace-focused mathematical applications.

Note: A scientific calculator will be required for this course.
Recommended: Successful completion of Workplace Mathematics 10.

FOUNDATIONS OF MATHEMATICS 11 MFOM-11

Foundations of Mathematics 11 prepares students for post-secondary programs that do not require theoretical calculus. The course develops strong mathematical reasoning and problem-solving skills through topics such as angle relationships, linear inequalities, quadratic functions, systems of equations, optimization, statistical applications, scale models, and financial literacy. Students will build key **Curricular Competencies**—reasoning, problem solving, communicating, connecting, and reflecting—through meaningful practice and real-world applications

Note: A graphing calculator is required.
Recommended: C+ or better in Foundations of Mathematics and Pre-calculus 10

FOUNDATIONS OF MATHEMATICS 12 MFOM-12

Foundations of Mathematics 12 supports students entering post-secondary programs that do not require theoretical calculus, while strengthening advanced mathematical reasoning and analytical skills. Topics may include geometric constructions, conics, fractals, and graphical representations of polynomial, logarithmic, exponential, and sinusoidal functions. Students will also explore regression analysis, combinatorics, odds, probability, expected value, and financial planning. Throughout the course, learners develop key **Curricular Competencies**—reasoning, problem solving, communicating, connecting, and reflecting—through engaging, real-world mathematical applications

Note: A graphing calculator is required.
Recommended: C+ or better in Foundations of Mathematics 11

APPRENTICESHIP MATHEMATICS 12 MAPPR12

Apprenticeship Mathematics 12 equips students with the mathematical skills and competencies needed for entry into most trades. Topics include 2D and 3D geometry, right-angle trigonometry, measurement, and financial literacy. Students will develop key competencies—such as estimating, visualizing, modeling, effective use of technology, and communicating—through hands-on, trade-focused mathematical applications

Open to all Grade 11 and 12 students
Recommended: Successful completion of Workplace Mathematics 10 or Foundations and Pre-calculus Math 10

PRE-CALCULUS 11 MPREC11

Pre-Calculus 11 prepares students for post-secondary programs that require theoretical calculus by building strong algebraic, numerical, and problem-solving skills. Students will explore the real number system; powers with rational exponents; radical operations and equations; polynomial factoring; rational expressions and equations; quadratic functions and equations; linear and quadratic inequalities; trigonometry; and financial literacy. Throughout the course, students will develop key **Curricular Competencies**—reasoning, problem solving, communicating, connecting, and reflecting—through rigorous practice and application.

Note: A scientific calculator is required for this course.
Recommended: A C+ or higher in Foundations of Mathematics and Pre-calculus 10. Students should be proficient in factoring quadratics and graphing linear functions.

PRE-CALCULUS 12 MPREC12

Pre-Calculus 12 prepares students for post-secondary studies that require theoretical calculus by deepening their understanding of advanced algebraic and functional concepts. Students will explore transformations of functions and relations; exponential functions and equations; geometric sequences and series; logarithms; polynomial and rational functions; and a broad range of trigonometric topics, including functions, equations, and identities. Throughout the course, students develop essential **Curricular Competencies**—reasoning, problem solving, communicating, connecting, and reflecting—through challenging and meaningful mathematical tasks.

Note: A scientific calculator is required for this course.
Recommended: A C+ or better in Pre-Calculus 11. Students should be proficient in graphing parabolas, solving quadratic equations, factoring quadratics, and right triangle trigonometry.

CALCULUS 12 MCALC12

Calculus 12 offers students a rigorous introduction to differential calculus, closely aligned with first-year university-level content. It is intended for learners pursuing post-secondary programs that require a strong foundation in theoretical calculus.

The course covers functions and graphs, limits and continuity, differentiation and its applications, and an introduction to integration. Students also develop skills in constructing mathematical proofs and deriving key theorems, deepening their understanding of the logical structure behind calculus concepts.

Curricular Competencies—reasoning, problem solving, communication, connection, and reflection—are emphasized through challenging problems, conceptual investigations, and real-world applications. The course fosters analytical thinking, precision, and clear mathematical communication, preparing students for success in university-level mathematics.

Exceptional students may choose to write a Calculus Challenge Exam offered by institutions such as UBC, SFU, UVic, UNBC, TWU, and UFV, potentially earning credit for Calculus I.

Note: A scientific calculator is required.
Recommended: 80% or better in both Pre-Calculus 11 and Pre-Calculus 11

PHYSICAL & HEALTH EDUCATION

https://curriculum.gov.bc.ca/curriculum/physical-health-education

PHYSICAL & HEALTH EDUCATION 10 MPHED10

The concepts taught in Physical Education 10 include: active living, wellness, fitness, lifetime/leisure activities, with an emphasis upon full participation in the following activities: badminton, golf/Frisbee, mini games unit/minor games, mini leisure unit, personal fitness programs/weight training, skating, soccer, speedball, basketball, team handball, track and field, touch football, volleyball (indoor/outdoor) and Advanced Coronary Training (ACT).

ACTIVE LIVING 11 MACLV11

This course helps to develop skills and attitudes necessary for lifetime participation in leisure activities and fitness. Physical Education 11 is a hands-on experiential endeavor. Major emphasis is on leadership, Fitness, Games, with a major emphasis on participation.

ACTIVE LIVING 12 MACLV12

This course helps to develop skills and attitudes necessary for lifetime participation in leisure activities and fitness. Physical Education 12 is a hands-on experiential endeavor. Major emphasis includes leadership, fitness, group activities, games, All activities are inclusive

BASKETBALL SKILLS 10 -12 YLRA-OABB/ YLRA-1ABB / YLRA-2BBB

The NWSS Basketball Course is designed to engage and educate student-athletes in grades 10-12 about the sport of basketball. The class will focus on the technical skills of basketball as well as the strategies and tactics of basketball. Student-athletes will learn the FIBA rules of basketball and how to apply them in game situations. Video tutorials, coaching strategies, fitness training and skill development drills will be utilized throughout the course by use of Microsoft Teams. Student-athletes will have the opportunity to biomechanically analyze their own basketball skills by video recording.

This is an ideal course for students who are interested in the sport of basketball and are thinking of pursuing playing basketball for the school or at the club level.

Course Fee: $25 for basketball and fitness equipment, basketball resources and videos. Students will also receive a Basketball Skills T Shirt will their course fee.

FITNESS & CONDITIONING 11 & 12 MFTCD11 / MFTCD12

This course will focus on four *Big Ideas:* 1. Our personal fitness can be maintained or enhanced through participation in a variety of activities at different intensity levels. 2. Knowing how our bodies move and function helps us stay safe during exercise. 3. Following proper training guidelines and techniques can help us reach our health and fitness goals. 4. Making healthy choices can help us reach our health and fitness goals. Students will be expected to demonstrate proficiency in the following *Curricular Competencies:* Healthy and active living; Human anatomy and physiology; Principles of training; Social Responsibility.

FOOTBALL PROGRAM 09FB-Z, YLRA-0AFB-Z, YLRA-1A4B-Z, YLRA-2BFB-Z

(Integrated Football Education Program)-This course is designed to focus and encourage grade 9 through 12 student athletes' opportunities for individualized learning so they may identify and develop personal learning, as well as leadership and physical skills.
The football program involves participating on the Hyacks Football team and in the off-season program, which runs the length of the school year.

The Hyacks Football Program has produced 35 Canadian university graduates and 8 NCAA graduates as well as having 6 players move onto the CFL.

VOLLEYBALL SKILLS 10 – 12 YLRA-0C/ YLRA-1C/ YLRA-2C

The Volleyball Skills 10 – 12 course is designed to encourage Grade 10 – 12 students about the sport of Volleyball. This course allows for students of all skills levels to learn at their own pace, allowing for individualized learning so they may identify and develop individual skill and leadership qualities.
Foundational skills, tactics and techniques for volleyball will be developed throughout the course. This is an ideal course for all students wishing to learn about the game of volleyball and those looking to pursue competitive avenues. No experience is necessary to participate in these courses.

In this course, students will learn FIVB rules of the game and then be able to apply those rules to game play. Each of the skills learned will be self-analyzed by the students using video.

Course Fee: A course fee of $25 will apply for the purchase and maintenance of all volleyball equipment used in the course. Students will receive a Volleyball Skills T-Shirt with their course fee.

ACADEMIES

LACROSSE ACADEMY XLDCD09LAC/ YLRA-0ALA/ YLRA-1ALA/ YLRA-2BLA

As Canada's national sport, the NWSS lacrosse program offers male and female athletes with the opportunity to experience the challenges and rewards of this exciting sport. Players of all skill levels will learn how to maximize their training while practicing and competing. Components consist of on field skill development training, off field strength and conditioning, tactical and endurance training, sports psychology and nutrition.

HOCKEY ACADEMY XLDCD09H/ YLRA-0A-1D/ YLRA-1AHO-1D/ YLRA-2BHO-1D

New Westminster Secondary School and the Pacific Rim Hockey Academy have developed this course that provides male and female students with an opportunity to further develop their hockey skills, individual tactics, team tactics, team play/systems, strategy, off-ice training, special events, educational sessions, recreation and general health and wellness concepts. Students will be required to have some previous skating experience and preferably hockey skills.

Each student requires a full set of CSA approved hockey equipment, including a neck guard. The cost of the academy is $1,565. Registration can be completed online at www.rpmhockey.com directly with RPM, in addition to your school course selection form.

SCIENCE

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

Grade 9-10 science courses explore a range of topics from Biology, Chemistry, Physics, and Earth Science. The goals of science classes are to develop foundational science knowledge and to build scientific thinking. Through hands-on and collaborative activities, students explore and develop their science skills: observing, questioning, experimenting, finding patterns in data, and connecting observations to theory. Development of key ideas, vocabulary, and numeracy skills lays the groundwork for future studies in science.

While our graduation program requires students to take a minimum of ONE science class at the Grade 11 or 12 level, students are encouraged to take as many as they like to meet their interests and their post-secondary planning requirements.

ANATOMY & PHYSIOLOGY 12 MATPH12

Anatomy & Physiology 12 is a rigorous course for students who are planning to continue their education in a post-secondary Science or Health Science. This course focuses on the human body at the cellular level with the processes that lead to gene expression, organ systems, and interrelationships in body systems that maintain homeostasis. This course incorporates quite a bit of chemistry. Assessment will occur through unit tests, quizzes, labs, projects, presentations, and a midterm/final exam. Strong study skills, lab skills and work ethic with the ability to independently investigate topics are essential for success.

Recommended: Life Sciences 11, Chemistry 11* (Strongly recommended with C+ or higher standing in both) Note: Students who wish to enroll in A&P 12 without Chemistry 11 should discuss with a Biology teacher to preview the textbook/content to ensure they have the appropriate foundational skills to succeed.

CHEMISTRY 11 MCH—11

Chemistry 11 is a challenging course that introduces the study of nonliving matter and the structure and interaction of matter at the atomic and molecular levels. Topics include introduction to chemistry, atoms, molecules and ions, mole concept, chemical reactions, stoichiometry, solution chemistry and organic chemistry. There is a strong focus on the understanding of concepts through application of problem solving and use of mathematical skills. Strong math skills and daily practice is essential for success in this course.

Recommended: Science 10 (Recommended at least a “B” standing in the Chemistry 10 Unit), Foundations & Pre-Calculus Math 10 (Recommend at least a “B” standing)

CHEMISTRY 12 MCH—12

Chemistry 12 course is a prerequisite class for several post-secondary programs in the science faculty. It is a continuation of Chemistry 11, and it involves the study of the different aspects of chemical reactions: the rates of chemical reactions, equilibrium within chemical reactions, the solubility of saturated solutions, acid base theory, and electrochemistry. Laboratory work supports the chemical theory studied. Assessment will consist of unit tests, quizzes, labs, and a midterm and final exam. Strong math skills and daily study is essential for success in this course.

Recommended: Chemistry 11 and Pre-Calculus 11 (At least a “B” standing in both)

EARTH SCIENCES 11 MESC-11

Earth Science 11 is for students interested in studying the Earth, its processes and its place in the universe. This course includes units in Astronomy, Geology, Meteorology and Oceanography. Topics include space exploration, the moon, plate tectonics, earthquakes, volcanoes, rocks and minerals, weather and the sea floor. Evaluation is based on many chapter tests and quizzes, labs and assignments completed in class, a lab exam and a term project.

Recommended: Science 10 and Math 10 with a minimum 60% average in both.

ENVIRONMENTAL SCIENCES 12 MEVSC12

Environmental Sciences 12 examines how human activity impacts global climate, aquatic systems and terrestrial systems. Current issues associated with climate change, global warming, freshwater availability, marine ecosystems, and land use will be examined from the viewpoint of the 3 pillars of sustainability: Society, Economy and the Environment. Both local and global perspectives will be introduced using scientific and traditional knowledge, laboratory problem solving exercises, and the most current videos. Assessment will be based on unit tests, labs, projects, and presentations. Students who bring a keen interest in the current affairs of the environment and planet will find success in this course

Recommended: Science 11 (Ch11, LSC 11, EaSc 11 or Phys11); Social Studies 11. (a minimum of C+ standing in both)

GEOLOGY 12 MGEOL12

Geology 12 continues the Geology section of the Earth Science 11 course. Topics include rocks and minerals, fossils and geologic time, resources, erosion and weathering, earthquakes, volcanoes and plate tectonics. Student evaluation includes many tests and quizzes based on in class labs and assignments as well as a lab exam and final test.

Recommended: Earth Science 11 or another grade 11 science with at least a “C” standing.

BA LABORATORY TECHNOLOGY 12 YED—2A

This course is designed for students who are interested in learning more about the techniques involved in preparing, organizing and maintaining laboratory equipment to support science lab activities. Students enrolled in this course will gain real-world experience and learn a variety of lab techniques in a hands-on environment. Students will be directed by a Chemistry teacher and will work alongside other Science teachers, supporting a variety of lab scenarios, grade levels and subject areas including Biology, Chemistry, Earth Science, and Physics. Students will also gain leadership experience, working with science students as they carry out a variety of lab activities. It is expected that students are highly independent and have strong problem-solving skills to be considered a candidate for this course.

Recommended: Chemistry 11, at least ONE other Science 11 both with a minimum of "B" standing, and a recommendation from your Chemistry 11 teacher. If there are more applicants than positions available, students will undergo an interview process.

LIFE SCIENCES 11 MLFSC11

Life Sciences 11 takes students on a tour of life itself! Students explore topics such as evolution, microbiology, botany, animal biology, and ecology through many lab and hands-on activities. Students will gain valuable skills needed for future Biology courses such as dissection and microscope skills while learning about different biological structures and functions at cellular and organism levels. Daily study and strong lab skills are ideal for success in this course.

Recommended: Science 10, Math 10 (with a minimum of 60% or higher standing in both)

PHYSICS 11 MPH—11

The goals of Physics 11 are to introduce students to the foundations of Physical Science and to develop a scientific attitude toward understanding and describing how the world behaves. The course starts with an introduction and review of the math tools needed for this course. Topics of study include Graphing, Kinematics & Vectors (the study of motion), Dynamics (concerning the forces and agents of motion), Energy, Simple Machines, Mechanical Advantage, Waves, Sound and Electricity. Assessment will consist of unit tests, quizzes, labs, and a midterm and final exam. Strong math skills, lab application skills and daily study skills are essential for success in this course.

Recommended: Science 10 and Foundations & Pre-Calculus of Math 10, with at least a "B" standing in both.

PHYSICS 12 MPH—12

Physics 12 delves into certain Physics 11 topics with greater depth and dimension, and introduces new topics such as: Mechanical Equilibrium, Circular Motion, Universal Gravitation, Electrostatics, Electromagnetism and Special Relativity. Assessment will consist of unit tests, quizzes, labs, and a midterm and final. Strong math skills, daily study, and strong lab skills are essential for success in this course.

Recommended: Physics 11 and Pre-Calculus of Math 11 with at least a "B" standing in both.

SCIENCE 10 MSC—10

Science 10 continues with the concepts and theories introduced in Science 9. Topics covered in the course include Genetics (heredity, DNA, natural selection and evolution), Chemistry (atomic theory, compounds and chemical reactions), Physics (radiation, potential and kinetic energy) and Astronomy (the Big Bang). Successful completion of Science 10 is a required course for graduation with a Dogwood Diploma.

SCIENCE FOR CITIZENS 11 MSCCT11

Science for Citizens 11 is a hands-on, project-based course that examines how scientific processes and knowledge inform our decisions and impact our daily lives. Students will also look at how scientific knowledge and understanding applies in the workplace and how it enables humans to respond and adapt to changes locally and globally. Assessment will primarily be through project-based assignments. This course is ideal for students who are interested in gaining relevant scientific knowledge and a Science 11 credit. Note that this course is not accepted for many post-secondary programs.

Recommended: Science 10

SPECIALIZED SCIENCE 12: ASTRONOMY MSPC12 NEW COURSE 2026-2027

Astronomy 12 is for students interested in studying the composition, motion, and interactions of celestial bodies. Students will develop observational, analytical, and problem-solving skills while applying scientific reasoning to understand the universe.

RECOMMENDED: Foundations of Mathematics 11 or Pre-Calculus 11, Physics 11 or Chemistry 11. Recommended at least a "B" standing in all.

BA FORENSICS PRINCIPLES 11 YFPSS 12 NEW COURSE 2026-2027

Forensic Sciences 11 is an investigative science course introducing the major branches of forensic analysis and the scientific methods used in real crime and laboratory work. Students learn professional standards for crime scene observation, documentation, evidence preservation, and various analytical practices. Learning is hands-on, with frequent labs, case studies, simulations, and evidence-based problem-solving, while also considering the ethical, cultural, and legal implications of forensic work. Assessment includes tests, quizzes, laboratory reports, project work, and case-based assignments. Note that this course may not be accepted for some post-secondary programs.

NOTE: Forensic Sciences 11 does not satisfy the Senior Science Graduation Requirement. Forensic Sciences 11 can contribute to an elective credit. This course is open to grades 10, 11, and 12 students.

SOCIAL STUDIES

https://curriculum.gov.bc.ca/curriculum/social-studies

20th CENTURY WORLD HISTORY 12 MWH—12

Students will explore some of the most significant events of the 20th century. Topics of study include: the Peace Settlements after World War I, Revolutions, the rise and rule of dictators, World War II, the Cold War, human rights and social and cultural developments throughout the century. Students develop their understanding of why past events took place as well as gain an understanding of the impacts past events have on the world today. Students will continue to develop the skills of a historian including how to evaluate the reliability of evidence, how to formulate clear and sound arguments and how to develop historical empathy.

ASIAN STUDIES 12 (1850 – PRESENT) MASIA12 NOT OFFERED IN 2026-2027

The history of the Asian continent is long, with a history that spans a large and diverse region of the world that has remained a major play into the modern day. From the influence of Western colonialism and imperialism to the economic bubbles of the late 20th century, this course will explore how the nations of Asia have been shaped by the geography and resources at hand to become the industrial center of the world that it is today.

BC FIRST PEOPLES 12 MBCFP12

The identities, worldviews, and languages of B.C. First Peoples are renewed, sustained, and transformed through their connection to the land. BC First Peoples 12 examines how the impact of contact and colonialism continues to affect the political, social, and economic lives of B.C. First Peoples. Students will also learn how cultural expressions convey the richness, diversity, and resiliency of B.C. First Peoples. Through self-governance, leadership, and self-determination, B.C. First Peoples challenge and resist Canada's ongoing colonialism.

COMPARATIVE CULTURES 12 MCMCL12

This course studies a variety of ancient cultures and examines the way civilizations around the world have been shaped by their geography and environment, leading to increasingly complex cultures. The definitions of culture have changed over time, but students will explore elements of culture including language, the arts, architecture, symbolism, authority, philosophy, myths, and more. Interaction, conflict, and adaptation to the environment have defined cultures throughout history and this course compares those fundamental differences.

EXPLORATIONS in SOCIAL STUDIES 11 MEPSS11

This course will explore some of the major themes and content areas included in the grade 12 level Social Studies courses. While content is teacher selected, they will include big ideas of at least three of those courses. Students will investigate using a combination of historical and contemporary sources in order to further develop their historical and critical thinking skills.

GENOCIDE STUDIES 12 MGENO12

The intentional destruction of peoples and their cultures is not inevitable, and such attempts can be disrupted and resisted. Students in Genocide Studies 12 will study the definition of “genocide” and understand how it is used to describe atrocities that have political, legal, social, and cultural ramifications. Students will examine how, despite international commitments to prohibit genocide, violence targeted against groups of people has continued to challenge global peace and prosperity. While genocides are caused by and carried out for different reasons, all genocides share similarities in progression and scope. In addition, students will examine the theoretical frameworks and perspectives of genocide scholars and apply those to various historical events and case studies. As Genocide Studies 12 is a senior Social Studies course, it is strongly recommended that students have the analytical and critical thinking skills, oral and written communication skills, and the inquiry and research skills necessary to be successful in the course. While there is no prerequisite for the course, students are strongly recommended to have developed very good research and writing skills prior to enrolling in Genocide Studies 12.

HUMAN GEOGRAPHY 12 MHGEO12

Human beings are a product of their environment, and this course will study how the geography of nations impacts their lifestyles and development. Students will learn about different types of maps, how to read them, and what information they communicate about populations. They will learn how shifts in climate and environment lead to shifts in demographics and the dominant cultures in a region.

Importantly, the relationship between peoples, including First Nations, and the environment will be studied to show how interaction with the world around us is inseparable from culture, settlement, and political regions.

LAW STUDIES 12 MLST-12

Students will broaden their understanding of legal rights and responsibilities which allows citizens to participate more fully in society. They will be able to research and learn how laws can maintain the status quo as well as be a force for change. Through looking at correctional facilities, court systems and global institutions students will see how society’s laws and legal framework affect many aspects of people’s daily lives. Lastly, they will be able to specifically look at how laws are interpreted, and these interpretations may evolve over time as a society’s values and worldviews change.

PHILOSOPHY 12 MPHIL12

Students will examine some of the fundamental problems studied in philosophy including those connected with knowledge, reality, existence, reason and values. They will explore questions such as: What is real? Are the mind and body two entirely separate things? Are human beings ever truly free? Is beauty really in the eye of the beholder? Students will develop critical thinking skills as they create and evaluate arguments related to a variety of philosophical questions and theories. They will develop and examine their own philosophical ideas and learn how to apply those ideas to current social issues and their own lives. Through discussions, presentations, written responses, readings and inquiry projects students will begin to develop a better understanding of the study and practice of philosophy.

PHYSICAL GEOGRAPHY 12 MPGEO12 NOT OFFERED IN 2026-2027

The study of physical geography requires students to incorporate data from a variety of sources; this allows us to better understand our globally connected world. This course examines natural processes and

how they have an impact on the landscape and human settlement. Students will also study how interactions between human activities and the atmosphere affect local and global weather and climate.

POLITICAL STUDIES 12 MPLST12

In this course, students will focus on understanding how political decisions are made, what it means to be an informed and engaged citizen, and how political institutions, the media and ideology shape both the exercise of power and the nature of political outcomes. By engaging in activities like mock political campaigns, model Parliaments and model United Nations, students will improve their understanding of both Canadian and international politics.

SOCIAL JUSTICE 12 MSJ—12

What is 'social justice'? Simply, it is the expectation that the basic human rights of all people are upheld. In Social Justice 12, students will explore a variety of interconnected issues of oppression and injustice which impact basic human rights. The course looks at social justice issues in a Canadian and global context. We will analyze both the causes and consequences of injustice and explore how social justice initiatives can transform individuals and systems. As Social Justice 12 is a senior Social Studies course, it is strongly recommended that students have the analytical and critical thinking skills, oral and written communication skills, and the inquiry and research skills necessary to be successful in the course. While there is no prerequisite for the course, students are strongly recommended to have developed very good research and writing skills prior to enrolling in Social Justice 12.

SOCIAL STUDIES 10 MSS—10

This course is a continuation of the skills learned in SS 9. The focus is on Canada and the World since 1914. Students will tackle global and regional conflicts and its shaping of Canadian identity. In addition, the development of political institutions will be studied with the focus on economic, social, ideological, and geographic factors. Students will study historical and contemporary injustices that challenge the narrative and identity of Canada as an inclusive, multicultural society.

PSYCHOLOGY

Please note that Psychology courses are not recognized as a SOCIAL STUDIES credit

BA PSYCHOLOGY 11 YPSYC1A

Have you ever wondered what is really going on in the human brain or what drives human behaviour? Then this is the course for you! This is an introductory course that examines our sense of "self," the human brain structure and nervous system, senses and perception, thinking and learning styles, theories in personality and psychological disorders.

BA PSYCHOLOGY 12 YPSYC2A

This course is an investigation into topics connected to human behaviour. Topics of focus include biological arguments and the nature vs. nurture debate, stress and health, social influences on human behaviour, motivation and emotion, development, and careers in psychology. The following course is RECOMMENDED, but not required: Psychology 11

Dual Credit Programs & Programs of Choice

DUAL CREDIT

Take tuition free post-secondary courses while in grade 12!

Please attend an information meeting and reach out to the career coordinator for applications: Tammy McArthur

Douglas College Healthcare Partnership Pilot

Program overview

Students may take up to six university-transferable courses from January to August of their Grade 12 year for the AF programs. For MOA, Grade 12 students complete the entire certificate full-time from September to April. These courses provide both graduation and post-secondary credit.

Available pathways

- Academic Foundations for Potential Nursing Applicants
- Academic Foundations for Potential Psychiatric Nursing Applicants
- Academic Foundations for Potential Health Information Management Applicants
- Medical Office Administration Certificate (with practicum)

Simon Fraser University School of Interactive Arts & Technology Creative Technology Micro-Certificate Pilot

Program overview

This micro-certificate includes three university-level courses offered by SFU's School of Interactive Arts & Technology (SIAT) Surrey Campus. In their Grade 12 year, students explore digital creativity and earn university credit (transferable to SFU and other institutions).

Courses

- **IAT 102: Graphic Design**
  - **Date:** September to December
  - **Time:** Wednesdays, 4:30 p.m. to 7:30 p.m.
- **IAT 165: Game Design and Development**
  - **Date:** January to April
  - **Time:** Wednesdays, 4:30 p.m. to 7:30 p.m.
- **IAT 199: Creative Projects**
  - **Date:** May to June
  - **Time:** Tuesdays and Thursdays, 4:30 p.m. to 7:30 p.m.

Kwantlen Polytechnic University Aided Design and Drafting

Program overview

This hands-on program develops practical skills in design and drafting using AutoCAD and BIM software. Students complete four courses toward a CADD Citation, preparing them for careers in drafting and design.

Courses

- **CADD 1100** – Drafting Fundamentals
- **CADD 1150** – CAD Computer Aided Drafting
- **CADD 1160** – Office Procedures & Software
- **CADD 1110** – Summative Projects

Schedule and location

Courses will run September to June on Tuesdays (in person) and Thursdays (online) from 4 p.m. to 7 p.m. at Kwantlen Polytechnic University's Cloverdale campus.

FRENCH IMMERSION

ÉDUCATION PHYSIQUE ET SANTÉ 10 FPHED10

See Physical Education 10 course description for English Version. This course will be instructed in French.

FRANÇAIS LANGUE SECONDE-IMMERSION 10 FFRAL10

Le cours a pour objectif de comprendre et apprécier une variété de textes francophones, dont les nouvelles littéraires, reflétant des perspectives de la francophonie. Pour ce qui est des éléments du contexte culturel et historique des peuples autochtones, les élèves étudieront les protocoles liés à la possession des récits de ces derniers. Ce cours représente également la première étape du perfectionnement du mécanisme de la lecture et de la communication écrite et orale. Par une maîtrise accrue d'éléments grammaticaux, syntaxiques et lexicaux, l'élève est amené à communiquer de façon efficace et autonome autant à l'oral qu'à l'écrit.

(The objective of this course is for students to understand and appreciate a variety of French-language texts, such as short stories, that reflect Francophone cultures. As for First Peoples' historical and cultural elements of the course, students will study the protocols related to the use of First Peoples' stories. This course also presents the first step in perfecting the mechanisms of reading, writing as well as oral and written communication. With an increased understanding of grammatical, syntactic and lexical aspects of the French language, students will become more autonomous in their oral and written communication abilities.)

RECOMMENDED: Français Langue 9

FILA 11: COMMUNICATION ORALE 11 FSPLG11

Le cours de Communication orale 11 est conçu pour encourager l'élève à peaufiner et préciser sa communication grâce à la pratique et à la révision de textes provenant de la culture francophone avec un accent mis sur la communication à l'oral. Le cours offre à l'élève la possibilité d'explorer des textes. authentiques ainsi que de créer, d'écrire et de partager des textes originaux à des fins variées dans un contexte actuel. L'élève développera également ses compétences d'écoute active. À travers des processus de rédaction, de réflexion et de révision, l'élève concevra un ensemble de textes pour une variété de situations langagières. Au fur et à mesure, l'élève développera la confiance dans ses capacités à communiquer tant à l'oral qu'à l'écrit.

(Oral Communication 11 is designed to encourage students to refine and clarify their communication through practice and revision of French-language texts, with an emphasis on oral communication. The course provides students with opportunities to explore original texts, as well as to create, write, and share their own texts for a range of purposes and real-world audiences and to develop active listening skills. Through processes of drafting, reflection and revising, students will build a body of work for a range of language situations. Over time, they will develop confidence in their oral and written communication skills.)

FILA : MÉDIAS ET COMMUNICATION NUMÉRIQUE11 FNMD-11 NOT OFFERED IN 2026-27

Le cours de Médias et communication numérique 11 est conçu pour que l'élève explore, découvre, interprète et analyse l'évolution du rôle et de l'influence croissante des médias numériques et imprimés dans la société actuelle. Le cours reconnaît que la littératie numérique est essentielle au développement du citoyen numérique. Ce cours amènera l'élève à réfléchir de façon critique à la manière dont les médias changent et influencent le comportement en société, la manière de communiquer et la compréhension du monde.

(Media and Digital Communication 11 is designed to lead students in exploring, discovering, interpreting, and analyzing the changing role and influence of digital and print media in today's society. It recognizes that digital literacy is essential to the development of digital citizens. The course will motivate students to reflect critically on how media shapes and influences patterns of behaviour in society, how we communicate, and our understanding of the world.)

FILA : ÉTUDES DU CINÉMA ET DE LA LITTÉRATURE FRANCOPHONE 11 FLTST11

Le cours d'études du cinéma et la littérature francophones 11 est conçu pour encourager l'élève à découvrir, explorer, analyser et interpréter des œuvres cinématographiques et littéraires de la francophonie. En étudiant une variété de textes, l'élève acquerra une certaine connaissance de la culture francophone qui contribuera au développement de son identité.

(French-Language Film and Literary Studies 11 is designed to encourage students to discover, explore, analyze, and interpret cinematographic and literary works of the French-speaking world. By studying a variety of texts, students will acquire knowledge of Francophone culture, which will contribute to the development of their identity.) RECOMMENDED: Français Langue 10

FRANÇAIS LANGUE SECONDE- IMMERSION 12 FFRAL12

Le cours de français langue immersion 12 est requis pour l'obtention du diplôme bilingue. L'objectif de ce cours est d'intégrer et d'approfondir les compétences langagières et les connaissances linguistiques et culturelles acquises lors des expériences d'apprentissage antérieures. Ce cours permet à l'élève d'avoir un aperçu des divers facteurs qui façonnent son identité bilingue. Le cours offre de nombreuses occasions à l'élève d'approfondir la connaissance de soi et des autres dans un monde en évolution. De plus, l'élève explorera des textes de plusieurs genres et modes, provenant de sources diverses et reflétant des perspectives de la francophonie et des peuples autochtones. Ce cours amènera l'élève à utiliser sa pensée critique et créative pour analyser diverses situations de communication. Finalement, l'élève affinera sa communication dans divers contextes afin d'atteindre ses objectifs personnels et professionnels.

(French Immersion Language Arts 12 is required to receive a bilingual diploma. The objective of this course is to help students integrate and enhance the linguistic competencies and linguistic and cultural knowledge acquired during past learning experiences. French Immersion Language Arts 12 will enable students to gain an overview of the various factors that shape their bilingual identity. It offers many opportunities for students to deepen their knowledge of themselves and others in a changing world. In addition, students will explore different types and genres of texts, from various sources, that reflect Francophone and First Peoples perspectives. The course will encourage students to use critical and creative thinking to analyze various communication situations and to refine their communication skills in diverse contexts in order to achieve their personal and career objectives.) **RECOMMENDED: FILA11**

EXPLORATIONS EN SCIENCES HUMAINES 11 FEPSS11

Ce nouveau cours, Exploration 11, est un produit de la refonte du nouveau curriculum. Les élèves analyseront ont des enjeux contemporains au niveau local, national et international. Les thèmes suivants seront explorés : cultures et identités ; colonialisme et impérialisme ; économie et écologie ; rôles et responsabilités dans un contexte de mondialisation. Les élèves utiliseront diverses sources historiques et contemporaines afin d'approfondir leurs habiletés de pensée critique et historique.

Students will analyze contemporary issues at the local, national, and international level. The following themes will be explored: Cultures and identities; colonialism and imperialism; economy and ecology; roles and responsibilities in a global context. Students will use a variety of historical and contemporary sources in order to strengthen their critical and historical thinking skills.

JUSTICE SOCIALE 12 FSJF-12

La Justice sociale 12 vise la compréhension de l'injustice et l'action nécessaire pour affronter celle-ci. Les élèves seront amenés à comprendre les causes de l'oppression et à réfléchir de manière critique aux causes des diverses formes de discrimination, à l'échelle locale, nationale et mondiale. Nous examinerons également la signification d'un comportement personnel « juste » d'un point de vue éthique, ainsi que des approches individuelles et organisationnelles permettant de confronter l'injustice. Ce cours comprend des projets incitant les participants à agir et à se développer en tant que citoyens et activistes responsables

SCIENCES HUMAINES 10 FSCH-10

Le cours de Sciences humaines 10 analyse les thèmes de l'autonomie canadienne, l'identité canadienne, divers conflits nationaux et internationaux, le colonialisme, les idéologies politiques, les institutions politiques, la discrimination, les perspectives autochtones et les interactions humaines avec l'environnement du début du 20e siècle jusqu'à aujourd'hui. Les élèves utiliseront diverses sources historiques et contemporaines afin d'approfondir leurs habiletés de pensée critique et historique.

This social studies course explores the following themes: Canadian autonomy and identity, various national and international conflicts, colonialism, political ideologies and institutions, discrimination, First Peoples' perspectives, and human interactions with the environment from the beginning of the 20th century until today. Students will use various historical and contemporary sources to further their critical and historical thinking skills.

Recommended: Social Studies 9.

SCIENCES HUMAINES 11 (*see Explorations Science Humaines 11***)**

MUSIQUE ET CULTURE FRANCOPHONES 11 YFVPA-11 NOUVEAU COURS POUR 2026-2027

Musique et culture francophones 11 est un cours optionnel axé sur la performance, destiné aux élèves du programme d'immersion française qui possèdent déjà une expérience musicale et souhaitent explorer la richesse de la musique francophone du Québec, de la France, de l'Afrique, des Caraïbes et d'ailleurs. Grâce au travail instrumental et vocal, aux répétitions en ensemble et à l'apprentissage autonome, les élèves découvriront une variété de styles musicaux tout en renforçant leurs compétences en langue française.
Les élèves se concentreront sur un instrument principal et auront l'occasion d'expérimenter un second instrument ou la voix. L'apprentissage sera soutenu par des tutoriels en français, des ressources en ligne et de la pratique collaborative plutôt que par un enseignement individuel. Tout au long du cours, les élèves prépareront des performances solos et de groupe, avec des occasions de se produire en classe ainsi que dans des lieux plus importants comme le théâtre de l'école ou lors d'événements culturels francophones. Les projets pourront inclure l'arrangement de chansons francophones, l'adaptation en français de chansons anglophones, l'écriture de chansons originales en français et l'analyse de paroles pour explorer des thèmes culturels. À la fin du cours, les élèves auront développé leur musicalité, approfondi leur compréhension des cultures francophones à l'échelle mondiale et gagné en confiance dans leurs performances en français. Ce cours est offert aux élèves de 10^{e} à 12^{e} année inscrits en immersion française.

Francophone Music and Culture 11 is a performance-based elective for French immersion students who already have musical experience and want to explore the richness of Francophone music from Québec, France, Africa, the Caribbean, and beyond. Through instrumental and vocal work, ensemble rehearsals, and independent learning, students will discover a variety of musical styles while strengthening their French language skills. Students will focus on a primary instrument and have the opportunity to experiment with a secondary instrument or voice. Learning will be supported through French-language tutorials, online resources, and collaborative practice rather than individual instruction. Throughout the course, students will prepare both solo and group performances, with opportunities to perform in class and in larger venues such as the school theatre or French cultural events. Projects may include arranging Francophone songs, adapting English-language songs into French, writing original songs in French, and analyzing lyrics to explore cultural themes. By the end of the course, students will have developed their musicianship, deepened their understanding of global Francophone cultures, and gained confidence performing in French.

Please note that this course is for elective credit only and does not satisfy specific French Immersion graduation requirements. This course is available to students in grades 10,11, and 12.

ACADEMIC ENRICHMENT

NWSS Honours courses are designed to offer students who seek challenge and an opportunity to extend their learning. They are available in English Language Arts, French, Mathematics, Science, & Social Studies. Honours courses are open to all Grade 10 students. These courses cover the curriculum in an accelerated format. Students who are seeking to apply to the Grade 11/12 NWSS IB Program, or students intending on applying to university programs after graduation, should consider Honours courses.

ENGLISH 10 HONOURS MEN--10H

This is an intensive course designed for students intending to pursue the International Baccalaureate Programme. This is a literature-based course. As in Grade 9, students will study a variety of genres, but there will be more emphasis on World Literature. Critical awareness and appreciation of literary structures, styles and voices will be emphasized. The writing will be expository and creative, and consist of commentaries, exercises in style, informal journal writing, and formal essays. The editing of one's own work and peer-editing will be required in the writing process.

FRENCH 10 HONOURS MFR--10H

French 10 Honours will follow the Core French 10 curriculum with an increased number and variety of texts and a greater depth of study. Students will be required to work at a faster pace to accommodate enrichment activities and topics while perfecting their receptive and productive skills with respect to language acquisition through reading analysis, decoding audio texts, and expressing thoughts and opinions both verbally and in written forms. Subject skills will include reading and interpreting a variety of French texts which may include short stories, legends, biographies, poems, films, songs, as well listening and responding to spoken French while communicating more spontaneously and effectively in French; both verbally and in writing. Students will develop paragraph writing skills to better organize thoughts in well-structured and cohesive documents. A greater emphasis is placed on communication and grammar exactitude which are delivered at an accelerated pace and with greater precision. Throughout the course, students will explore the concept of la francophonie to better understand the importance and contributions of francophone cultures, communities, and peoples of the world

French Honours 10 is open to students interested in delving deeper into topics taught in French 10 and highly recommended for students considering applying for the IB Program.

Recommended: French 9

MATHEMATICS 10 HONOURS MFMP-10H

Mathematics 10 Honours is an enriched version of the Foundations of Mathematics and Pre-Calculus 10 curriculum, designed for students with strong mathematical curiosity, commitment, and ability. The course covers all required topics—powers, functions, linear relations and systems, trigonometry, polynomials, and financial literacy—while offering greater depth and challenge.

Students strengthen their reasoning, problem-solving, and communication skills through rich tasks and collaborative learning. They also explore topics beyond the standard curriculum, such as mathematical modelling, number theory, Euclidean geometry, and combinatorics. Learners preview concepts from future courses in the Pre-Calculus program.

The course encourages creative thinking, multiple solution strategies, and intellectual risk-taking. By engaging with mathematics as a dynamic and connected discipline, students build a strong foundation for advanced studies.

Note: A scientific calculator is required for this course

Recommended: Students who enjoy mathematical thinking and seek the opportunities to extend their understanding beyond the standard curriculum appropriate for students with proficient or extending in Mathematics 9.

SCIENCE 10 HONOURS MSC—10H

This course will challenge students to develop their research and thinking skills in the topics they find most interesting in the Science 10 curriculum. Students will also learn self- management skills necessary to handle large academic tasks through managing their time and developing pacing and study strategies. Specific subject skills will include experimental design, data collection, error analysis, statistics, using appropriate scientific terminology, using and maintaining scientific equipment, scientific reasoning and problem solving. There will be a focus on transferring math skills to a scientific context: proportional reasoning, scale drawings, analyzing graphs, operations with vectors, and use of Excel.

This course is available to all students interested in delving deeper into topics taught in Science 10 and highly recommended for all students considering the IB Program.

SOCIAL STUDIES 10 HONOURS MSS—10H

Social Studies Honours 10 will follow the Social Studies 10 curriculum for the province of British Columbia with additional material added and the depth of study increased. Honours courses require students to work at a faster pace to accommodate enrichment activities and topics. Students will also learn self-management skills necessary to handle large academic tasks through managing their time and developing pacing and study strategies. Specific subject skills will also include: Development of global issues/current events inquiries and case studies, research using academic databases, survey creation and report writing, evaluating research (strengths of approaches/limitations of approaches), inquiry research skill development, evaluate sources for significance, deepen historical thinking skills (perspective), analyzing primary sources, understanding/applying models and theories, ability to draw conclusions from available data/stats.

This course is available to all students interested in delving deeper into topics taught in Social Studies 10 and is highly recommended for all students considering the IB Program.

RESEARCH IN MOTION 9 XLDCA09

Research in Motion is a course that is a student-centered practical exploration that helps students consolidate their research skills across the curriculum. The aim of the RIM course is to encourage and enable students to participate in sustained self-directed inquiry, demonstrate skills, attitudes and knowledge required to complete a project over an extended period and communicate effectively in a variety of situations.

The course is highly recommended for students wishing to apply to the IB Program or intending to apply to university in the future. Note: Open to all Grade 9 and 10 Students.

INTERNATIONAL BACCALAUREATE

Welcome to the International Baccalaureate (IB) Diploma Program at New Westminster Secondary. Our IB Diploma Programme (DP) is an approach to education which challenges each student at his/ her own level to become an internationally minded, life-long learner. Our program focuses on the development of the whole child by offering a transdisciplinary, inquiry-based curriculum across all subjects. The International Baccalaureate program is developed independently of government and national systems and incorporates quality practice from research and the global community of schools.

The program:
• Encourages students of all ages to think critically and challenge assumptions;
• Encourages students of all ages to consider both local and global contexts; and
• Develops students who invest in their educational community.

We value the social and emotional growth of our students with opportunities to develop IB Learner Profile traits embedded across all areas of our school. We value the diversity our students bring to our learning community and encourage students to share and celebrate their additional languages and cultural backgrounds.

The NWSS IB Diploma Programme is a fully inclusive program for students and families who believe in working collaboratively with us to support your child's curiosity about the world around them as they develop knowledge, confidence and skills to make a positive impact on our world. The entire NWSS IB Staff are committed to providing the best education possible for our students!

For further information, please read our NWSS IB Diploma Programme Handbook: https://newwestschools.ca/nwss/wp-content/uploads/sites/7/2025/12/NWSS-IB-Programme-Handbook-M28-web.pdf

What is an IB Education?

The IB mission statement: The International Baccalaureate® aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect.

To this end the organization works with schools, governments and international organizations to develop challenging programmes of international education and rigorous assessment.

These programmes encourage students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.

Preparation for University

Recognized by universities around the world, the IB Diploma Programme prepares students for post-secondary studies through one of the most rigorous and prestigious high school academic curricula. IB Diploma Programme courses are designed to provide students opportunities to learn in their subjects using methods reflecting those used by disciplines at the university level.

Universities widely recognize how well IB prepares students for post-secondary study, and often offer favourable admission policies for IB students, as well as university credits for successful diploma completion and/or courses completed at the Higher Level (HL).

In June 2022, IB published a study carried out with UBC and U of T that found IB students are more prepared for post-secondary, achieve higher grades in university courses, and are far more likely to complete their degrees, participate in coop programs, and win awards.

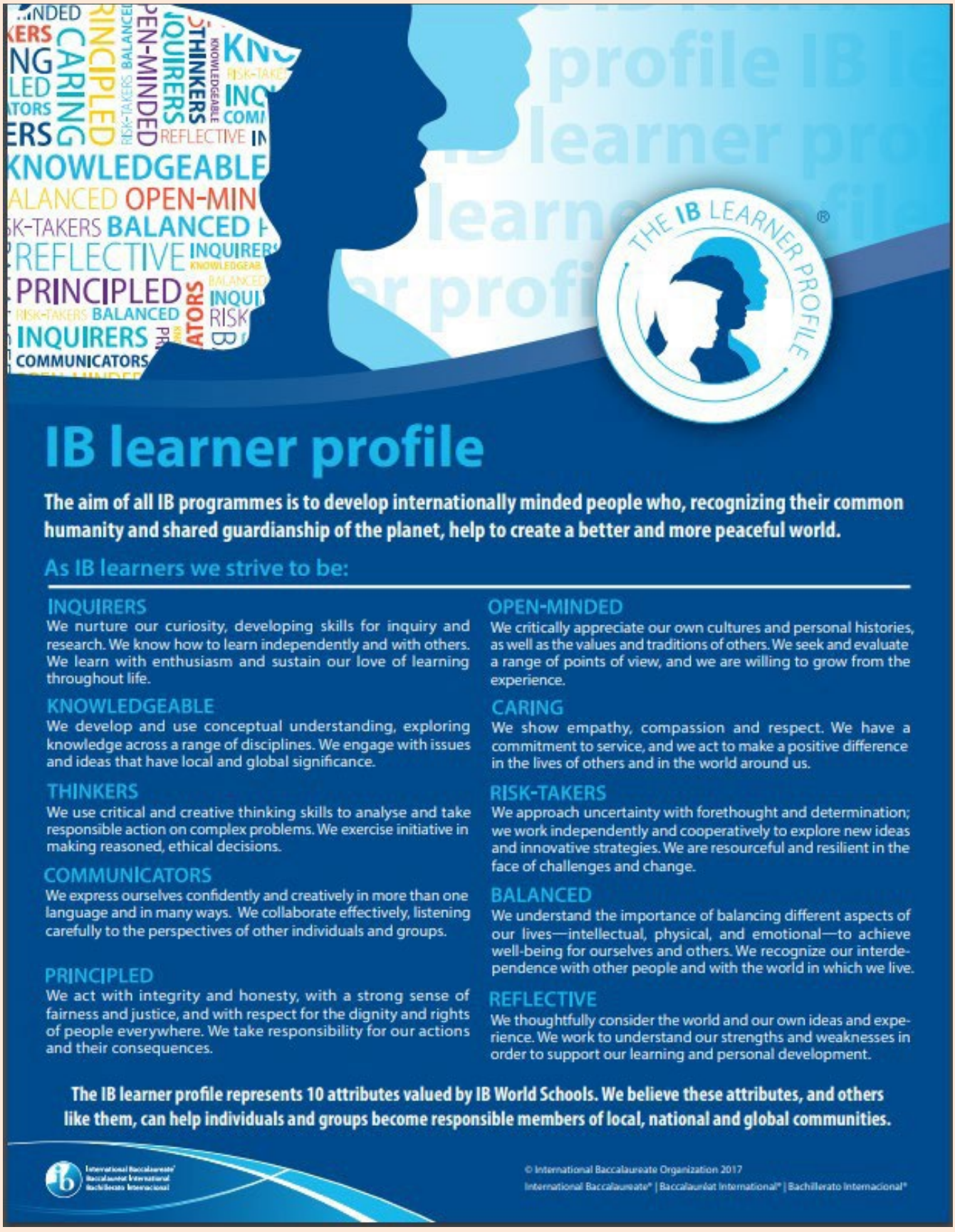
Davies, S., & Guppy, N. (2022). *Comparing university outcomes of International Baccalaureate Diploma Programme graduates to their peers in Toronto and Vancouver, Canada.* International Baccalaureate Organization.

"IB taught me time management of extracurriculars with academics, citations and organization, writing papers, but most importantly knowing how to bounce back from failure."

Bridget Li, IB Class of 2023
McGill, Political Science and Biochemistry

"Beyond the material studied, IB helped me condition my mind for the stress of university life and taught me how to manage my time so that I can excel in my studies."

Sohan Sadeque, IB Class of 2024
UBC, Science


THE IB LEARNER PROFILE
IB learner profile
The aim of all IB programmes is to develop internationally minded people who, recognizing their common humanity and shared guardianship of the planet, help to create a better and more peaceful world.
As IB learners we strive to be:
INQUIRERS
We nurture our curiosity, developing skills for inquiry and research. We know how to learn independently and with others. We learn with enthusiasm and sustain our love of learning throughout life.
KNOWLEDGEABLE
We develop and use conceptual understanding, exploring knowledge across a range of disciplines. We engage with issues and ideas that have local and global significance.
THINKERS
We use critical and creative thinking skills to analyse and take responsible action on complex problems. We exercise initiative in making reasoned, ethical decisions.
COMMUNICATORS
We express ourselves confidently and creatively in more than one language and in many ways. We collaborate effectively, listening carefully to the perspectives of other individuals and groups.
PRINCIPLED
We act with integrity and honesty, with a strong sense of fairness and justice, and with respect for the dignity and rights of people everywhere. We take responsibility for our actions and their consequences.
OPEN-MINDED
We critically appreciate our own cultures and personal histories, as well as the values and traditions of others. We seek and evaluate a range of points of view, and we are willing to grow from the experience.
CARING
We show empathy, compassion and respect. We have a commitment to service, and we act to make a positive difference in the lives of others and in the world around us.
RISK-TAKERS
We approach uncertainty with forethought and determination; we work independently and cooperatively to explore new ideas and innovative strategies. We are resourceful and resilient in the face of challenges and change.
BALANCED
We understand the importance of balancing different aspects of our lives—intellectual, physical, and emotional—to achieve well-being for ourselves and others. We recognize our interdependence with other people and with the world in which we live.
REFLECTIVE
We thoughtfully consider the world and our own ideas and experience. We work to understand our strengths and weaknesses in order to support our learning and personal development.
The IB learner profile represents 10 attributes valued by IB World Schools. We believe these attributes, and others like them, can help individuals and groups become responsible members of local, national and global communities.
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10 Reasons
Diploma Programme
why the IB Diploma Programme (DP) is ideal preparation for university
1
It increases academic opportunity
Research*shows that DP graduates are much more likely to be enrolled at top higher education institutions than entrants holding other qualifications.
2
IB students care about more than just results
Through creativity, action, service (CAS) you learn outside the classroom and develop emotionally and ethically as well as intellectually.
3
It encourages you to become a confident and independent learner
For example, the extended essay requires independent research through an in-depth study.
4
It's an international qualification
The DP is recognized globally by universities and employers.
5
Graduates are globally minded
Language classes encourage an international mindset, key for increasingly globalized societies.
6
The IB encourages critical thinking
Learn how to analyse and evaluate issues, generate ideas and consider new perspectives.
7
DP students have proven time management skills
Take good study habits and strong time management to further education and the working world.
8
It assesses more than examination techniques
Learn to understand, not just memorize facts or topics and prepare for exams.
9
Subjects are not taught in isolation
Theory of knowledge (TOK) classes encourage you to make connections between subjects.
10
It encourages breadth and depth of learning
You are able to choose courses from six subject groups and study subjects at different levels.
*Based on IB research - www.ibo.org/research
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The IB Diploma Programme

The IB Diploma is a two-year program for students in grades 11 and 12. Courses begin in the grade 11 year and exams are written in May of grade 12. Students that complete the IB Diploma take 6 courses from 5 subject groups, as well as the core elements of the Theory of Knowledge (TOK), Extended Essay (EE), and Creativity, Activity, Service (CAS).

IB Diploma courses are taken at either the **Standard Level (SL)** or **Higher Level (HL)**. Higher level courses go deeper into the subject, and require additional assessments.

At NWSS, we practice the principle of **IB For All**, where there are pathways to a diploma that match up to a variety of interests in the humanities and sciences.

Earning the IB Diploma

To complete the IB Diploma, students must complete one course from groups 1-5, plus an additional course from groups 3, 4, or 6. These 6 courses must contain 3-4 HL options. Students must also complete the three core requirements (TOK, EE, CAS).

Group 1: English
English Literature HL
English Language and Literature SL

Group 2: Language Acquisition
French B HL (French Immersion)
French B SL
Spanish Ab Initio
Language A Self-Study

Group 3: Individuals and Societies
Global Politics HL/SL
Environmental Systems & Societies HL/SL

Group 4: Sciences
Biology HL/SL
Chemistry HL/SL
Physics HL/SL
Environmental Systems & Societies HL/SL

Group 5: Mathematics
Analysis and Approaches HL/SL
Applications and Interpretation HL/SL

Recommended grade 9-10 courses for anticipated IB students

Grade 9 or 10
Research in Motion 9
RIM 9 is a student-centered practical exploration that helps students consolidate their research skills across the curriculum. The aim of the RIM course is to encourage and enable students to participate in sustained self-directed inquiry, demonstrate skills, attitudes, and knowledge required to complete a project over an extended period and communicate effectively in a variety of situatuons.

Grade 10
English 10 Honours
French 10 Honours (for French B SL)
Foundations and Pre-Calculus 10 Honours
Science 10 Honours
Social Studies 10 Honours

Please note - Grade 11 level pre-requisites must be completed after Grade 10 or during semester 2 in Grade 10 if there is availability.

Math AA HL/SL and AI HL
Pre-Requisite:
Pre-Calculus 11

Physics Pre-Requisite:
Physics 11

French B SL Pre-Requisite:
French 10

French Immersion Dual Dogwood:
Explorations en Sciences Humaines 11

Sample Pathways to a Diploma

Social Justice Focus
English Literature HL
Any Language Option
Global Politics HL
ESS HL
Chemistry or Physics SL
Math AI SL

Applied Science Focus
English Literature HL
Any Language Option
ESS HL/SL
Chemistry SL/HL
Physics HL
Math AA or AI HL

Environmentalism Focus
English Lit HL or L&L SL
Any Language Option
ESS HL/SL
Global Politics HL
Biology HL/SL
Any Math Option

Social Science Focus
English Lit HL or L&L SL
Any Language Option
Global Politics HL
ESS HL
Biology or Chemistry SL
Math AI HL/SL

Pharmaceutical Science Focus
English Literature HL
Any Language Option
Global Politics SL
Biology HL
Chemistry HL
Math AA HL/SL or Math AI HL

Commerce Focus
English Lit HL or L&L SL
Any Language Option
Global Politics HL
ESS HL/SL
Chemistry or Physics SL
Math AA HL/SL or Math AI HL

Be sure to double-check university admission requirements during your course planning process.

Dual Dogwood + IB Diploma

Students who successfully complete French Immersion courses in grades 9 and 10, Explorations en Sciences Humaines 11, and **French B Higher Level** may be eligible for both the Dual Dogwood diploma and the IB Diploma. Please make sure to check with your counselor to ensure all requirements of the dual dogwood are met.

New Westminster Online Courses

Social Studies	English Language Arts
BC First Peoples 12 20th Century World History 12 Law Studies 12 Social Studies 10 Social Studies 9	English Studies 12 English First Peoples 12 Literary Studies 11 English Language 10: Composition English Language 10: Literary Studies English Language Arts 9
Career Education	**Science**
Career-Life Connections 12 Career- Life Education 12 (for adult graduation program) Career-Life Education 10 Career Education 9	Anatomy & Physiology 12 Life Sciences 11 Science for Citizens 11 Chemistry 12 Chemistry 11 Physics 12 Physics 11 Science 10 Science 9
Mathematics	**Physical and Health Education**
Pre-Calculus Math 12 Pre-Calculus Math 11 Foundations of Math 11 Workplace Math 11 Foundations and Pre-Calculus Math 10 Workplace Math 10 Math 9	Fitness & Conditioning 12 Physical and Health Education 10 Physical and Health Education 9
Arts	**ADST**
Arts Education 9	Entrepreneurship and Marketing 9 Entrepreneurship 12