

Frank Hurt's Course Selection Guide

How To Use Your Course Selection Guide - Begin With the End in Mind!!

Course selection time is an opportunity to continue thinking about the path you are taking towards graduation and beyond. As a secondary student, it is not expected that you will have all your plans written in stone, but it is important to research the opportunities that are appropriate for you. With that in mind, it is essential to select courses that will keep doors open.

Course selection is a process and this book is one of the tools to help you select your courses. It is expected that you will also take the time to dialogue with your parents, teachers and counsellors about the courses you will select. Further, it is expected that as a senior student, you will also be consulting career facilitators (Room 102) and post-secondary calendars (available in the Counsellor's office) and websites (www.educationplannerbc.ca), ensuring that prerequisites are met for post-secondary programs that you are interested in.

Factors to Consider When Making Your Decisions

As you think about choosing your courses for next year, you should ask yourself:

1. What courses **MUST** I take for graduation?
2. What courses **MUST** I take to meet post-secondary and/or apprenticeship entrance requirements?
3. What courses **MUST** I take to prepare for the work place?
4. What will be the total time demand of the courses I select?

The course selection process at Frank Hurt Secondary provides an excellent opportunity for personal growth and for exercising decision making skills. The staff at Frank Hurt looks forward to helping you make the best informed decisions possible.

Grad Requirements

By the completion of grade 12, you must have completed the following

- CLE
- CLC
- Literacy 10 Assessment
- Literacy 12 Assessment
- Numeracy 10 Assessment
- English 12
- Minimum of 80 credits
 - 16 must be grade 12
 - 28 must be elective courses

With the changes to the BC Curriculum, it is best to check directly with the Ministry of Education.

See: <https://curriculum.gov.bc.ca/graduation>

Current Grade 7 Students (Entering GRADE 8)

Welcome to Frank Hurt! As a new Hornet, you will have most of your courses selected for you. There will be three elective options available, and you will select two of them. To learn more about each of the courses offered, click on each course title.

Standard Courses

- ✓ [Humanities 8](#)
- ✓ [Mathematics 8](#)
- ✓ [Physical Education 8](#)
- ✓ [Science 8](#)
- ✓ [French 8](#) (Note: In some circumstances, French 8 will be replaced with a Learning Support Block)

ADST Options

- Students will either select [Band 8](#), or take a ADST rotation of the following courses:
 - Art, Careers, Dance, Digital Literacy, Drama, Foods and Nutrition, Indigenous Study, Robotics, Auto, Woodwork

X-Block Option

- [Jazz Band 8](#) - Offered outside timetable as a 9th class

Current Grade 8 Students (Entering GRADE 9)

As second year Hornets, your course selection options have grown to include many new options. In grade 9, you will have six required courses, leaving two elective options. Think of what you are interested in and what you might need down the road. This is a good time to make an appointment to see a counsellor to discuss your future education goals.

Standard Courses

- ✓ [English 9](#)
- ✓ [Mathematics 9](#)
- ✓ [Physical Education 9](#)
- ✓ [Science 9](#)
- ✓ [Social Studies 9](#)

- ✓ Careers 9 (will be delivered via guest speakers, sessions in other courses and Take Our Kid to Work Day)

Elective Options (select 3, with 2 other alternates)

Business Education Department

- [Entrepreneurship & Marketing 10](#)
- [Computers 10](#)

Home Economics Department

- [Foods and Nutrition 9](#)

English Department

- [Creative Writing 10](#)
- [Spoken Language 10](#)
- [New Media 10](#)

Technology Education Department

- [Power Mechanics 9/10](#)
- [Pre-Engineering 9/10](#)
- [Woodwork 9/10](#)
- [Skills Exploration 9/10](#)

Fine Arts / Performing Arts Department

- [Band 9](#)
- [Dance 9: Contemporary](#) / [Dance 9: Break](#) / [Dance 9: Hip Hop](#)
- [Drama 9](#)
- [Guitar 9](#)
- [Media Arts 9](#)
- [Visual Arts 9](#)

Languages

- [French 9](#)
- [Spanish 9](#)

X-Block Option

- [Jazz Band 9](#)
- [Recreation Leadership 10 Yearlong](#)

Current Grade 9 Students (Entering GRADE 10)

Grade 10 is a pivotal year and students will be challenged with their first Provincial exams. Please take the time to discuss your options with your family and see your counsellor if you have any questions.

Standard Courses

- ✓ [English 10](#)
- ✓ [A Mathematics 10](#) ([Apprenticeship and Workplace](#) OR [Foundations and Pre-Calculus](#))
- ✓ [Physical Education 10](#)
- ✓ [Career and Life Education 10](#)
- ✓ [Science 10](#)
- ✓ [Social Studies 10](#)

Elective Options (select 2, with 2 other alternates)

Business Education Department <ul style="list-style-type: none"><input type="checkbox"/> Accounting 11<input type="checkbox"/> Entrepreneurship and Marketing 10<input type="checkbox"/> Applications for Design 10<input type="checkbox"/> Applications for Design 11<input type="checkbox"/> Game Development 11	Home Economics Department <ul style="list-style-type: none"><input type="checkbox"/> Food Studies 10 / Food Studies 11
English Department <ul style="list-style-type: none"><input type="checkbox"/> Creative Writing 10<input type="checkbox"/> Spoken Language 10<input type="checkbox"/> New Media 10<input type="checkbox"/> Film Studies 11<input type="checkbox"/> Film Studies 11 Horror Genre	Languages <ul style="list-style-type: none"><input type="checkbox"/> French 10<input type="checkbox"/> Punjabi 10<input type="checkbox"/> Spanish 10<input type="checkbox"/> Introduction to Spanish
Fine Arts / Performing Arts Department <ul style="list-style-type: none"><input type="checkbox"/> Art Foundations 10<input type="checkbox"/> Band 10<input type="checkbox"/> Dance 10: Break / Dance 10: Contemporary / Dance10: Hip Hop<input type="checkbox"/> Drama 10<input type="checkbox"/> Guitar 10<input type="checkbox"/> Media Arts 10	Technology Education Department <ul style="list-style-type: none"><input type="checkbox"/> Power Mechanics 9/10<input type="checkbox"/> Robotics & Electronics 9/10<input type="checkbox"/> Woodwork 9/10<input type="checkbox"/> Skills Explorations

X-Block Option

- [Jazz Band 10](#)
- [Athletic Leadership](#)
- [Recreational Leadership](#)

Current Grade 10 Students (Entering GRADE 11)

With two years of study left, it is important that you have discussions with your family and your counsellor about your future plans. Students are encouraged to consider the combo programs and the added opportunities they present. If you plan on entering the Trades in the future, please see Ms. Sandhu in the Career Centre to talk about District Programs.

Standard Courses

- ✓ [At least 1 English 11](#) (Click link to see options)
- ✓ At least 1 Math 11
 - [Workplace 11](#)
 - [Foundations 11](#)
 - [Pre Calculus 11](#)
- ✓ At least 1 Social Studies
 - [Social Justice 12](#)
 - [World History 12](#)
 - [Physical Geography 12](#)
 - [Human Geography 12](#)
 - [Law 12](#)
- ✓ At least 1 Science
 - [Life Sciences 11](#)
 - [Chemistry 11](#)
 - [Physics 11](#)
 - [Earth Science](#)
 - [Environmental Science](#)
 - Science for Citizens

Elective Options

Business Education Department <ul style="list-style-type: none">□ Accounting 11 / Accounting 12□ Applications for Design□ Economics 12□ Marketing 11 / Marketing 12	Careers Department <ul style="list-style-type: none">□ Career and Life Connections 11/12□ Career Combos
English Department <ul style="list-style-type: none">□ English 12□ Lit Studies 12	Home Economics Department <ul style="list-style-type: none">□ Food Studies 11□ Food Studies 12□ Pastry and Baking 11/12□ Culinary Arts 11□ Culinary Arts 12

Fine Arts / Performing Arts Department

- [Art Foundations 11](#)
- [Concert Band 11](#) / [Concert Band 12](#)
- [Dance 11: Break](#) / [Dance 11: Hip Hop](#)
- [Dance Choreography 11](#)
- [Theatre Performance 11](#)
- [Guitar 11](#)
- [Media Arts: Photography 11](#)
- [Studio Arts 11: Ceramics & Sculpture](#)
- [Studio Arts 11: Drawing & Painting](#)

Languages

- [French 11](#)
- [Punjabi 10](#) / [Punjabi 11](#)
- [Spanish 11](#)
- [Introduction to Spanish](#)

Physical Education

- [Fitness and Conditioning 11](#)
- [Active Living 11](#)

Technology Education Department

- [Automotive 11](#)
- [Automotive 12](#) (2 course options)
- [Woodwork 11](#)
- [Woodwork 12](#)(2 course options)

Others

- [Psychology](#)

X-Block Option

- [Jazz Band 11](#)
- [Athletic Leadership](#)
- [Recreational Leadership](#)

Current Grade 11 Students (Entering GRADE 12)

This is it! The courses you select now will pave the path beyond high school. Are you interested in going into the trades? You should build a program around trades electives.

Want to start your own business? Make sure you take the time now to know the basics in business management.

Want to go on to be a doctor, chef, teacher, engineer, farmer, pilot, diplomat or astronaut? Careful planning this year will give you the edge you need when you leave Frank Hurt.

Standard Courses

- ✓ [English 12](#)

Elective Options (select 7, with 2 other alternates)

Business Education Department <ul style="list-style-type: none"><input type="checkbox"/> Accounting 11 / Accounting 12<input type="checkbox"/> Applications for Design<input type="checkbox"/> Economics 12<input type="checkbox"/> Marketing 11 / Marketing 12	Home Economics Department <ul style="list-style-type: none"><input type="checkbox"/> Foods and Nutrition 12<input type="checkbox"/> Culinary Arts 11<input type="checkbox"/> Culinary Arts 12<input type="checkbox"/> Pastry and Baking 11
English Department <ul style="list-style-type: none"><input type="checkbox"/> Lit Studies 12<input type="checkbox"/> English 11 Electives Socials <ul style="list-style-type: none">▫ 20th Century World History 12▫ Human Geography 12▫ Physical Geography 12▫ Social Justice 12▫ Law 12▫ Black Studies 12▫ Psychology	Languages <ul style="list-style-type: none"><input type="checkbox"/> French 11 / French 12<input type="checkbox"/> Punjabi 11 (Introductory) / Punjabi 11<input type="checkbox"/> Spanish 11 / Spanish 12 / Introduction to Spanish Careers <ul style="list-style-type: none"><input type="checkbox"/> Career and Life Connections 11/12<input type="checkbox"/> Career Combos
Fine Arts / Performing Arts Department <ul style="list-style-type: none"><input type="checkbox"/> AP Studio Art 12<input type="checkbox"/> Art Foundations 12<input type="checkbox"/> Concert Band 12<input type="checkbox"/> Dance 12 / Dance 12 Boys<input type="checkbox"/> Dance Choreography 12<input type="checkbox"/> Theatre Performance 12<input type="checkbox"/> Theatre: Directing & Scriptwriting 12<input type="checkbox"/> Guitar 12<input type="checkbox"/> Media Arts: Photography 12	Science Department <ul style="list-style-type: none"><input type="checkbox"/> Life Sciences 11<input type="checkbox"/> Anatomy and Physiology 12<input type="checkbox"/> Chemistry 11 / Chemistry 12<input type="checkbox"/> Earth Science<input type="checkbox"/> Physics 11 / Physics 12<input type="checkbox"/> Environmental Science 11 Technology Education Department <ul style="list-style-type: none"><input type="checkbox"/> Automotive 11

<input type="checkbox"/> Studio Arts 12: Ceramics & Sculpture <input type="checkbox"/> Studio Arts 12: Drawing & Painting	<input type="checkbox"/> Automotive 12 (2 course options) <input type="checkbox"/> Woodwork 11 <input type="checkbox"/> Woodwork 12 (2 course options)
Math Calculus 12 Pre-Calculus 12 Foundations 12	Physical Education <ul style="list-style-type: none"> • Fitness and Conditioning 12 • Active Living 12

X-Block Option

- [Jazz Band 12](#)
- [Athletic Leadership](#)
- [Recreational Leadership](#)

Other

- [Peer Tutoring 12](#)

Fine Arts Rotation 8

Dance 8

This course is an introduction to various forms of dance. Students will have the opportunity to learn the history, terminology and basic techniques of hip hop, b-boy / b-girl, and jazz dance. Students will learn warm-up basics and put on an informal performance for their peers.

Drama 8

This is an introductory creative drama course focusing on personal and social development, concentration, trust and cooperation. Activities such as mime, speech, movement and improvisation are included to foster individual growth.

Media Arts 8

Photography and video production is called Media Art. Media art is a fun course that uses computers, digital cameras and video cameras to make photos and videos. Students will learn video editing, camcorder operation, digital camera operation, and computer editing. Students must be able to work on their own as well as cooperatively in groups.

Visual Arts 8

Students will experience the fields of drawing, painting, graphics, ceramics, sculpture, and fabric art. They will work with a variety of materials and media to enhance their skills and visual development. Students will also be required to keep a visual journal that will be used to develop and enhance their vocabulary and art literacy.

[Back to Current Grade 7s](#)

Concert Band 8

This course will mold students' individual music abilities into a performing group. Learners will receive instruction on their instrument, ensemble skills and notation and rhythmic fluency. This course is for both experienced and beginner students.

[Back to Current Grade 7s](#)

Jazz Band 8

This course focuses on jazz band performance. Various styles of jazz will be studied (swing, Latin, funk, rock) through ensembles and solo works. This course is offered as an addition to Band 8 and will take place afterschool on Mondays and Wednesdays.

[Back to Current Grade 7s](#)

Visual Arts 9

Students in Art 9 will enhance their basic skills. Personal, social, cultural and historical contexts will be explored. Students will experience a variety of basic areas of visual expression including two-dimensional and three-dimensional works.

[Back to Current Grade 8's](#)

Art Foundations 10

Students in Art 10 will enhance their basic skills. Personal, social, cultural and historical contexts will be explored. Students will experience a variety of basic areas of visual expression including two-dimensional and three-dimensional works.

[Back to Current Grade 9's](#)

Art Foundations 11

Art 11 is designed for two purposes. The first is to allow students with previous art experience to continue their education in the following visual expression areas of: drawing, painting, sculpture, printmaking and media arts. The second purpose of this course is to meet the needs of students who are taking art for the first time and need a foundation class. Students should anticipate spending additional time outside of classroom sessions to complete the work assigned. Extra studio time may be arranged.

[Back to Current Grade 10's](#)

Studio Arts 11: Drawing and Painting

This course is designed for students who wish to focus on the elements and principles of design with a 2D application, such as drawing, painting, printmaking, graphics and mixed media. Students should anticipate spending additional time outside of classroom sessions to complete the work assigned. Extra studio time may be arranged.

[Back to Current Grade 10's](#)

Studio Arts 11: Ceramics and Sculpture

This course is advanced and will involve concentrated exploration in 3D visual expression areas. This will include ceramics and sculpture, and may be supplemented with modeling mixed media. Students should anticipate spending additional time outside of classroom sessions to complete the work assigned. Extra studio time may be arranged.

[Back to Current Grade 10's](#)

Art Foundations 12

Art 12 is designed for students who wish to continue general art studies at an advanced level. It will expand and review the content of processes such as imagery development, applied and commercial design, art media and techniques, and historical and contemporary developments in art. Emphasis will be on an individual approach to expression areas. Students will be required to keep a portfolio and a sketchbook. Students should anticipate spending additional time outside of classroom sessions to complete the work assigned. Extra studio time may be arranged.

[Back to Current Grade 11's](#)

Studio Arts 12: Drawing and Painting

This course is advanced and will involve concentrated exploration in 2D visual exploration areas. This will include drawing, painting and printmaking and may be supplemented with mixed media, computer graphics and commercial design. Students should anticipate spending additional time outside of classroom sessions to complete the work assigned. Extra studio time may be arranged.

[Back to Current Grade 11's](#)

Studio Arts 12: Ceramics and Sculpture

This course is advanced and will involve concentrated exploration in 3D visual expression areas. This will include ceramics and sculpture, and may be supplemented with modeling, mixed media and fine arts. Students should anticipate spending additional time outside of classroom sessions to complete the work assigned. Extra studio time may be arranged.

[Back to Current Grade 11's](#)

AP Studio Art 12

(Prerequisite Requirements: Students MUST be in grade 12 and have teacher approval and a variety of senior art courses. Students must take AP in semester 1, including being registered in a senior visual arts course in semester 2)

The AP program in Studio Art enables highly motivated students to perform at the college level while still in high school. The AP Studio Art Portfolios for Drawing, 2-D Design and 3-D Design are designed for students who are seriously interested in the practical experience of visual art. Successful completion of the course is not based on a written examination; instead, students submit portfolios (**Approximately 24 completed art works**) for evaluation at the beginning of May to the Advanced Placement College Board. This year long course requires a considerable amount of work outside of the classroom and students are expected to meet after school once weekly. The course also has a fee of \$120. If the portfolio is not submitted to the AP Board, students will be return a portions of this fee.

[Back to Current Grade 11's](#)

Media Arts 9

This is an art course with no prerequisite that explores the use of computers and digital media in the creation and appreciation of art. Students will be exploring digital photography and digital film production as well as multi-media art projects. Students will learn video editing, camcorder operation, digital camera operation, storyboarding, computer editing, story development, composition, colour theory, and animation techniques. Students must be able to work on their own as well as cooperatively in groups.

[Back to Current Grade 8's](#)

Media Arts 10

Media Arts 10 is a course with no prerequisite. Students will learn the proper use of digital cameras and video cameras. Students will learn to use video editing and photo editing computer programs as well as power point presentations. They will be taking photos, making videos and using computers.

[Back to Current Grade 9's](#)

Media Arts 11: Photography

This course is a course with no prerequisite designed for the student who has an interest in learning to compose and edit photographs. This course will include basic photography, such as camera techniques, camera controls, film, composition, and film/darkroom methods. The assignments are designed for students to express their creativity through photography.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Film and Television 11

This is a course with no prerequisite that provides an introductory look at film and television productions for students in grade 11 and 12. The areas covered include: camcorder operations, lighting, audio film editing, storyboarding, story development, introduction to directing, acting for the camera, production responsibilities, and film appreciation.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Media Arts 12: Photography

Media Arts 12 is a course designed for students interested in taking better photographs and using digital SLR cameras. Students will use computers to digitally enhance and manipulate their photographs. The student will also be creating personally meaningful images. Students will gain an understanding of the role media art works have in our society. Students will be encouraged to analyze and respond to works created by themselves and others. This course prepares the students to communicate ideas through the pictorial images.

[Back to Current Grade 11's](#)

Film and Television 12

There is no prerequisite for this course. Film and Television Production 12 is a course where students build on the skills and knowledge in video production. The areas covered include: camcorder operations, lighting, audio, film editing, storyboarding, story development, acting for the camera, film appreciation, animation, and special effects editing. Students will also have the opportunity to be part of the BeeTV News team for our weekly school broadcasts.

[Back to Current Grade 11's](#)

Yearbook 11/12

In this year-long course students will be members of the yearbook production staff and will learn to use Adobe InDesign, Photoshop and Illustrator. Students will be responsible for constructing page layouts using a variety of graphic design concepts and tools. They will also market and distribute the yearbook. Students will acquire knowledge and gain experience with the planning, design, layout production, photography, business management, sales and fundraising responsibilities involved with the publication and marketing of the Frank Hurt Yearbook. Students will be expected to be self-directed and productive, show initiative, be engaged in the many aspects of yearbook production, and maintain a positive and respectful attitude. Students will be required to spend time outside of class taking photos and conducting interviews. This course runs yearlong. Yearbook meets every day from September until the beginning of April. End of April to June is a study block. We meet again in June to distribute yearbooks.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Drama 9

This is a collaborative course which further develops the skills learned in Drama 8. Students explore areas such as improvisation, speech and movement, and begin an increasing exposure to a variety of theatre genres. Personal awareness and self-discipline play an important role throughout the course. The emphasis of this course is on the student's participation in various theatrical activities. The majority of class time will be spent on practical exercises, with students participating 'hands on'. Students will have the opportunity to explore traditional and contemporary Aboriginal perspectives through the use of story telling.

[Back to Current Grade 8's](#)

Drama 10

This is a creative drama course that further develops the skills learned in Drama 9. Students explore areas such as improvisation, speech and movement, scene work, and continue to increase their exposure to various theatrical skills and terminology. Personal awareness and self-discipline play an important role throughout the course. The emphasis of this course is on the student's participation in various theatrical activities. Therefore, though some theatre history is involved, it is introduced as a way of helping the student understand the process of drama in its various forms. The major part of class time will be spent on practical exercises, with students participating 'hands on'. The theory component will constitute approximately one-quarter of the course.

[Back to Current Grade 9's](#)

Theatre Performance 11: Acting

This advanced level drama course combines many of the skills and elements acquired in Drama 8-10 and Acting 11 with a primary emphasis on the further development of acting techniques and styles. Continued development of character and script work are focused on at this level. Personal awareness and self-discipline play a very important role throughout the course. Students will be presented with increasingly challenging projects and numerous performance opportunities. The major part of class time will be spent on practical exercises, with students participating 'hands on'. The theory component will constitute approximately one-quarter of the course.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Theatre Performance 12: Acting

Learn the fundamentals of writing and directing through the process of writing a play, casting it and directing it. The play will be produced for an evening performance and all rehearsals will be outside of class time. Students must be self-motivated and self-disciplined to work on their own as they will be responsible for the director's preparation while working in conjunction with a junior drama course.

[Back to Current Grade 11's](#)

Theatre Performance 12: Directing/Scriptwriting

This ADVANCED class is designed to run as a “Theatre Company”. This advanced level drama course is for students who are serious about theatre and may wish to pursue a career in the theatre industry. It is a performance based course which examines all aspects of theatre from acting, directing, scriptwriting, set design; set, costume and prop construction; set painting and decorating; lighting, sound, and stage management. Personal awareness and self-discipline play a very important role throughout the course. The major part of class time will be spent on creating and producing drama productions, with students participating hands on. The theory component will constitute approximately one-quarter of the course. All students will be expected to perform as actors and/or technical and running crew on public performances. Students will be required to produce an evening performance(s).

[Back to Current Grade 11's](#)

Concert Band 9

Concert Band 9 is for all students who wish to learn how to play an instrument or those who have reached an interim level of proficiency on a band instrument. You must have at least one year experience playing in concert band. Newcomers are welcome to join, but must first take a basic rhythm test in September and pass in order for the course to be granted to the student. They are expected daily dedicated practice in order to catch up with the rest of the ensemble.

Instrument choices include trumpet, clarinet, trombone, percussion, flute, saxophone, bass and many more. Students will learn rhythm, music notation and music reading while having the opportunity to play fun music and perform in concerts and festivals. This is a Performing Arts course – it is mandatory that students participate in all events and performances, within school and outside of school hours. Evaluation will be based on progress, attitude, and participation in music department activities. This course runs all year long, backed with PE 9.

[Back to Current Grade 8's](#)

Jazz Band 9

It is recommended that students also enrol in Concert Band during normal school hours. Please see the Ms. Antrobus for details.

This course focuses on intermediate level of jazz band performance. Various styles of jazz will be studied (swing, Latin, funk, rock) through ensembles and solo works. Improvisation and solos will include intermediate techniques based on scales and chords.

Enrolment is limited to standard big band instruments (saxes, trumpets, trombone, piano, bass, guitar and drums); other instruments by Director's permission. Evaluation will be based on progress, attitude, and participation in music department activities.

[Back to Current Grade 8's](#)

Concert Band 10

Concert Band 10 is for all students who wish to learn how to play an instrument or students who have reached an advanced intermediate level of proficiency on a band instrument. You must have at least two years experience playing in concert band. Students will experience a significant increase in complexity and excitement of repertoire over previous band levels. This is a Performing Arts course – it is mandatory that students participate in all events and performances, within school and outside of school hours. Evaluation will be based on progress, attitude, music theory, and participation in music department activities. This course runs all year long, backed with PE 10 and Planning 10.

[Back to Current Grade 9's](#)

Jazz Band 10

It is recommended that students also enrol in Concert Band during normal school hours. Please see the Ms. Antrobus for details.

This course focuses on intermediate level of jazz band performance. Various styles of jazz will be studied (swing, Latin, funk, rock) through ensembles and solo works. Improvisation and solos will include intermediate techniques based on scales and chords.

*Enrolment is limited to standard big band instruments (saxes, trumpets, trombone, piano, bass, guitar and drums); other instruments by director's permission. Evaluation will be based on progress, attitude, and participation in music department activities.

[Back to Current Grade 9's](#)

Concert Band 11

Students will develop increasing levels of musical proficiency through the widest possible range of repertoire, which could lead to more substantial performance opportunities. The goal of lifelong music enjoyment will be explored, along with post-secondary education and careers in music. You must have at least three years experience playing in concert band.

This is a Performing Arts course – it is mandatory that students participate in all events and performances, within school and outside of school hours. Evaluation will be based on progress, attitude, music theory, and participation in music department activities. This course runs all year long, backed with Social Studies 11.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Jazz Band 11

It is recommended that students also enrol in Concert Band during normal school hours. Please see the Ms. Antrobus for details.

This course is an introduction to playing jazz in a big band setting. Students will learn basic jazz ensemble performance skills including an introduction to jazz improvisation.

*Enrolment is limited to standard big band instruments (saxes, trumpets, trombone, piano, bass, guitar and drums); other instruments by director's permission. Evaluation will be based on progress, attitude and participation in music department activities.

[Back to Current Grade 10's](#)

Concert Band 12

Students will develop increasing levels of musical proficiency through the widest possible range of repertoire, which could lead to more substantial performance opportunities. The goal of lifelong music enjoyment will be explored, along with post-secondary education and careers in music. You must have at least three years experience playing in concert band. This is a Performing Arts course – it is mandatory that students participate in all events and performances, within school and outside of school hours. Evaluation will be based on progress, attitude, music theory and participation in music department activities. This course runs all year long, every second day.

[Back to Current Grade 11's](#)

Jazz Band 12

This course is only open to students also enrolled in Concert Band during normal school hours.

This course is an introduction to playing jazz in a big band setting. Students will learn basic jazz ensemble performance skills including an introduction to jazz improvisation.

*Enrolment is limited to standard big band instruments (saxes, trumpets, trombone, piano, bass, guitar and drums); other instruments by Director's permission. Evaluation will be based on progress, attitude and participation in music department activities.

[Back to Current Grade 11's](#)

Guitar 9 / 10

This is an introductory course. Students in this course will learn many open chords and eighty-nine bar chords, as well as several strumming/finger picking patterns which will enable them to play several styles of music including popular, rock, folk, and blues music. Students will also be introduced to the playing of music from notation and from tablature which will enable them to play lead guitar and classical music.

[Back to Current Grade 8's](#)

[Back to Current Grade 9's](#)

Guitar 11/12

Advanced Guitar is designed for students who look to study more advanced guitar. In advanced guitar students will learn intermediate to advanced classical guitar pieces, scales in five positions on the guitar, and advanced chording. Students must have completed guitar 9 or 10 and received a B to enter advanced guitar. A classical/nylon string guitar is necessary for advanced guitar.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Dance 9 B-Boy / B-Girl

This course focusses on b-boying and b-girling. Students will learn techniques and terminology that are universal to breakdancing. Students will also master choreographed routines and experiment with their own creative ideas. Finally, students will showcase their learning in a variety of settings in the school and community.

[Back to Current Grade 8's](#)

[Back to Current Grade 9's](#)

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Dance 9 Contemporary

This course focusses on technique for contemporary dance. Students will have the opportunity to learn the history, terminology, and basic techniques of contemporary, ballet, and jazz. Students will also master choreographed routines and experiment with their own creative ideas. Finally, students will showcase their learning in a variety of settings in the school and community.

[Back to Current Grade 9's](#)

Dance 9 Hip Hop

Monday, December 12, 2016 12:19 PM

This course focusses on technique for hip hop dance. Students will have the opportunity to learn the history, terminology, and basic techniques of hip hop dance. Students will also master choreographed routines and experiment with their own creative ideas. Finally, students will showcase their learning in a variety of settings in the school and community.

[Back to Current Grade 8's](#)

Dance 10 B-Boy / B-Girl

This course focusses on b-boying and b-girling. Students will learn techniques and terminology that are universal to breakdancing. Students will also master choreographed routines and experiment with their own creative ideas. Finally, students will showcase their learning in a variety of settings in the school and community.

[Back to Current Grade 9's](#)

Dance 10 Contemporary

Monday, December 12, 2016 12:29 PM

This course focusses on technique for contemporary dance. Students will have the opportunity to learn the history, terminology, and basic techniques of contemporary, ballet, and jazz. Students will also master choreographed routines and experiment with their own creative ideas. Finally, students will showcase their learning in a variety of settings in the school and community.

[Back to Current Grade 9's](#)

Dance 10 Hip Hop

Monday, December 12, 2016 12:29 PM

This course focusses on technique for hip hop dance. Students will have the opportunity to learn the history, terminology, and basic techniques of hip hop dance. Students will also master choreographed routines and experiment with their own creative ideas. Finally, students will showcase their learning in a variety of settings in the school and community.

[Back to Current Grade 9's](#)

Dance 11 B-Boy / B-Girl

Monday, December 12, 2016 12:25 PM

This course focusses on b-boying and b-girling. Students will learn techniques and terminology that are universal to breakdancing. Students will also master choreographed routines and experiment with their own creative ideas. Finally, students will showcase their learning in a variety of settings in the school and community.

[Back to Current Grade 10's](#)

Dance 11 Contemporary

This course focusses on technique for contemporary dance. Students will have the opportunity to learn the history, terminology, and basic techniques of contemporary, ballet, and jazz. Students will also master choreographed routines and experiment with their own creative ideas. Finally, students will showcase their learning in a variety of settings in the school and community.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Dance 11 Hip Hop

Monday, December 12, 2016 12:25 PM

This course focusses on technique for hip hop dance. Students will have the opportunity to learn the history, terminology, and basic techniques of hip hop dance. Students will also master choreographed routines and experiment with their own creative ideas. Finally, students will showcase their learning in a variety of settings in the school and community.

[Back to Current Grade 10's](#)

Dance 12 B-Boy / B-Girl

Monday, December 12, 2016 12:30 PM

This course focusses on b-boying and b-girling. Students will learn techniques and terminology that are universal to breakdancing. Students will also master choreographed routines and experiment with their own creative ideas. Finally, students will showcase their learning in a variety of settings in the school and community.

Dance 12 Contemporary

Monday, December 12, 2016 12:30 PM

This course focusses on technique for contemporary dance. Students will have the opportunity to learn the history, terminology, and basic techniques of contemporary, ballet, and jazz. Students will also master choreographed routines and experiment with their own creative ideas. Finally, students will showcase their learning in a variety of settings in the school and community.

Dance 12 Hip Hop

Monday, December 12, 2016 12:30 PM

This course focusses on technique for hip hop dance. Students will have the opportunity to learn the history, terminology, and basic techniques of hip hop dance. Students will also master choreographed routines and experiment with their own creative ideas. Finally, students will showcase their learning in a variety of settings in the school and community.

Dance 11 Choreography

In this course students will learn principles of choreography and will have the chance to choreograph on their own. This is a chance for students to really let their creativity shine through. Students will prepare pieces for practice and performance.

Pre-requisite: Previous dance experience.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Dance 12 Choreography

December 13, 2016 2:06 PM

In this course students will learn principles of choreography and will have the chance to choreograph on their own. This is a chance for students to really let their creativity shine through. Students will prepare pieces for practice and performance.

Pre-requisite: Previous dance experience.

Dance Team

It is highly recommended that students also register for Dance during normal school hours. This is the dance team and auditions will be held in September. This is a year-long advanced class which is designed to run as a "Dance Company". For details, please see the dance instructor.

This is an advanced level dance class which will focus on technique, choreography, and pedagogy. In this course students will work at a high level to continue to develop and perfect skills learned in previous courses and on dance teams. They will take weekly technique classes. They will further develop choreography and teaching skills as well as, learn to create and perfect dances for competitions and shows. These skills will enable students to stretch and experiment by using dance as a means of expression and communication.

[Back to Current Grade 9's](#)

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

This course is a Physical Education credit.

This course involves identifying the role that certain lifestyle behaviours, such as regular physical activity, good nutrition and stress management, play in the pursuit of optimal health and well-being. Students will examine the health and wellness effects derived from participation in regular physical activity. Dance, yoga, Pilates, and conditioning will be used to build strength and flexibility. This is a non-performance class.

[Back to Current Grade 10's](#)

Entrepreneurship and Marketing 10

This exciting course is designed to introduce students to the world of business.

Topics such as marketing, accounting, economics, finance, human resource management and entrepreneurship are introduced. The course involves analyzing and discussing concepts and cases currently occurring in the world. Practical projects and applications will be an integral part of the course.

If you are interested in pursuing a career in business, then this course is for you!

[Back to Current Grade 8's](#)

[Back to Current Grade 9's](#)

Computers 10 (Introduction to Coding)

We live in a digitally connected world. By taking Introduction to coding, you will learn the skills to survive and be successful in this digital reality. This course gives you a detailed view of what a computer means by learning about the essential components of this machine that is revolutionizing the world today. You will learn how to create professional documents, spreadsheets and presentations using software such as Microsoft Office and Google Docs. You will learn how to work collaboratively and communicate using Web 2.0 tools. You will also work with command line to understand what is behind the graphical user and the role of the operating system such as Windows, macOS, Linux, etc. You will also learn programming concepts using flowchart, pseudocode, Game Maker and/or Scratch development environment. This is a recommended prerequisite course for Game Development 11 and Computer Science 11/12.

[Back to Current Grade 8's](#)

[Back to Current Grade 9's](#)

Game Development 11

Love playing video games on your personal device, computer or console? Always thinking about what you would do in your own game. Love to create and manipulate bitmap images and animation? Want to program and create your own game? Are you a hard-working, dedicated team player who's willing to work under immense pressure and tight deadlines? Ready for a challenge? Well, Game Development 11 is the course for you! In this course you will learn not only how to program a computer game, but the process of creating an original computer game from the ground up. In this course, you will work in teams of up to three people. Each person has a unique and important role - they are the game designer, the digital media artist, and the programmer. You will have an opportunity to experience each roll as you will be creating three different games throughout the semester. Successful students in this course are independent, hardworking disciplined students who work well with others. It is recommended that you have taken Computer 10 achieving C+ or better. Strong math and programming skills are recommended. If you have not taken Computer 10, you must speak with Mr. Emmanuel prior to registering for the course.

[Back to Current Grade 9's](#)

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Are you planning on owning a business? Do you want to understand finances? Accounting provides an introduction to basic accounting concepts. Students will learn how to complete a set of books for both a service and a merchandising business including financial reports.

Accounting 11

Are you planning on owning a business? Do you want to understand how to manage your money better? Accounting provides an introduction to basic accounting concepts. Students will learn how to complete a set of books for a service business including financial reports and also be introduced to analyzing financial statements.

[Back to Current Grade 9's](#)

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Financial Accounting 12

This course builds on the principles learned in Accounting 11. It is primarily self directed with teacher mentorship. Students will use both manual and computerized methods to record, post and summarize transactions. Students will also develop skills in analysis and prediction using a variety of financial reports.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Marketing and Promotions 11

This is a practical, activity-based course providing students with opportunities to examine the nature and role of marketing in a local and a global context. Learn how marketing helps businesses determine and meet customer needs (marketing research); how businesses offer, promote and deliver products (promotions and pricing); develop effective ways to meet customer needs (products); and explore the nature of the world economy (place). This course will involve several projects where we explore past successes and failures in business as well as critically evaluate and predict future successes and failures.

[Back to Current Grade 9's](#)

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Entrepreneurship 11

An entrepreneur is someone who can identify a business opportunity, develop a business plan to start the business, and successfully manage it so it is profitable. Students learn what skills are needed to be an entrepreneur, how to generate an idea for a business, how to deal with legal and ethical issues in business, how to research and write a business plan that would encourage others to invest, and how to apply marketing, accounting, and computer skills to implement a venture. Teamwork and networking are emphasized.

A background in at least one other business course is recommended; however, students bound for any career path will find something useful in this course.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Computer Science 12

This course is designed for students who are highly motivated and are interested in learning about computer programming. Students will be introduced to fundamental programming concepts and will learn these concepts through either Python, Java or C++. It is recommended that students have a strong background in math & computers, and is a self-motivated and independent student. It is recommended that students have access to a computer at home, although it is not a requirement. Recommended prerequisites: Math 10 or 11 Principles (C or better). Students who do not meet the recommended prerequisites are asked to see the instructor before signing up for this course.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Career Education 8

Thursday, January 5, 2017 2:37 PM

In Career Education 8, students continue to reflect on, self-assess, and set goals in personal competency development and determine their strengths and preferences as they explore career-life concepts such as identity, leadership, personal planning, and transferable skills. Students are introduced to increasingly diverse experiential learning opportunities and ways in which family, mentors, and community networks support their continued career-life development.

Career Education 9

Thursday, January 5, 2017 2:37 PM

Students participate in Take our Kid to Work Day in November, in addition to guest speakers and drop-in sessions over the course of the year.

Career Life Education 10

Career-Life Education is a required course that focuses on gaining a clear understanding of career-life development knowledge, skills, and strategies for life's journey into adulthood, and includes:

- exploring career-life possibilities for adult life, such as roles, opportunities, and community resources
- examining ways to publicly represent ourselves both face-to-face and in digital environments
- practising inclusive and respectful interactions for various community and work-related contexts
- connecting and engaging with supportive community members
- researching post-graduation options and planning resources, such as labour market trends, budgeting tools, and workplace safety guidelines.

Career Life Connections 11/12

Career-Life Connections is a required course for graduation. In addition to completing the capstone project, CLC focuses on applying personal career-life management knowledge, skills, and strategies to the one's own personal life journey, and includes:

- deepening career-life concepts and thoughtful self-knowledge to inform personal life-long learning choices and post-graduation plans
- using self-advocacy and employment marketing strategies, such as creating one's own effective public profiles
- employing developed social capital, such as leadership and collaboration skills, to cultivate community networks
- engaging in a substantive experiential learning opportunity of 30 hours or more that is intended to expand and/or deepen student exposure to career-life possibilities, such as service learning, volunteerism, employment, fieldwork projects, entrepreneurship, and passion projects
- designing, assembling, and presenting a capstone to an audience, celebrating the learning journey and next steps toward preferred futures.

Outdoor Science 3 in 2 Combo

Friday, January 15, 2021 10:33 AM

Environmental Science 11 & CLC 11/12 Combo

This CLC course is combined with Outdoor Education 12 and Environmental Science 11. Students will earn 8 credits in 2 blocks. It is intended for students passionate about the environment and outdoors who would like to learn more about green careers in environmental science and outdoor education while also exploring related topics for their capstone project.

Environmental Science 11 covers ecosystems, biodiversity and nature cycles with a focus on human impacts and how to maintain and restore these systems in a sustainable way.

Career-Life Connections is a required course for graduation. In addition to completing the capstone project, CLC focuses on applying personal career-life management knowledge, skills, and strategies to the one's own personal life journey.

CLC 11/12 and Outdoor Education 12 Combo

Wednesday, January 27, 2021 10:42 AM

This combo is for students in grade 11 or 12 who would like to take CLC in a slower paced, low pressure environment. CLC is paired with Outdoor Education 12 which allows students to get low impact physical activity in the community while fulfilling their 30 hours of volunteer community service for graduation.

Weight Training 12 & CLC 11/12 Combo

Friday, January 15, 2021 10:33 AM

Career-Life Connections is a required course for graduation. In addition to completing the capstone project in relation to health and fitness, CLC focuses on applying personal career-life management knowledge, skills, and strategies to the one's own personal life journey.

This CLC course is combined with Weight training 12. It is intended for students interested in the physical and health industry who would like to learn about careers in the field. Students are provided the opportunity to develop an individual weight training program and conduct the implementation of the plan in reaching personal goals. Students can expect to explore the many skills, jobs and business opportunities that are relevant to this field of study.

Anatomy & Physiology 12 & CLC 11/12 Combo

Monday, January 18, 2021 9:50 AM

This CLC course is combined with Anatomy and Physiology 12. It is intended for students interested in the health industry who would like to learn more about careers in the field in addition to exploring related topics for their capstone project.

Career-Life Connections is a required course for graduation. In addition to completing the capstone project in relation to anatomy & physiology, CLC focuses on applying personal career-life management knowledge, skills, and strategies to the one's own personal life journey.

Anatomy & Physiology 12 will allow students to have insight into cellular biology and body systems. Students will explore how their body works, and how things can go wrong. Competency will be built through activities and assignments such as student-designed labs, dissections, research-based presentations, and creative projects.

Law Studies 12 & CLC 11/12 Combo

Monday, January 18, 2021 9:51 AM

This CLC course is combined with Law Studies. It is intended for students interested in the law field who would like to learn more about careers in the field while also exploring related topics for their capstone project. In Law Studies we will focus in four main areas, Founding Principles of Law including Rights and Freedoms, Civil Law including Torts, suing and Contracts, Family Law and Criminal Law including arrest, types of crime, trial procedures and sentencing.

Career-Life Connections is a required course for graduation. In addition to completing the capstone project in relation to law studies, CLC focuses on applying personal career-life management knowledge, skills, and strategies to the one's own personal life journey. In this course, we will explore Post Secondary options and how to apply for future education and scholarships. We will look at personal finance and money management as well as how to maintain sound mental and physical health.

Geography & CLC Combo

Monday, January 18, 2021 9:52 AM

This CLC course is combined with Human Geography 12 and Physical Geography 12. It is intended for students interested in the geography field who would like to learn more about careers in the industry while also exploring related topics for their capstone project.

Career-Life Connections is a required course for graduation. In addition to completing the capstone project in relation to geography, CLC focuses on applying personal career-life management knowledge, skills, and strategies to the one's own personal life journey.

Students will earn 12 credits in 2 blocks for this 3 in 2 combo course. Therefore, students will also explore the world through various lenses with a focus on how humans affect the environment and how the environment affects humans. Students will develop Geographical Thinking, the ability to read data and make inferences, and oral and written communication skills. Students will learn various elements in relevance to human geography (Issues surrounding population, migration, culture, urban and rural environments) and physical geography (Tectonic forces, Gradational forces, weather and climate, and environmental issues).

Art 11/12 & CLC 11/12 Combo

Monday, January 18, 2021 2:47 PM

This course is not just for folks who are interested in careers in the arts. This course is for anyone who wants to learn to be more creative in anything from drawing to thinking, it's for folks who love to express themselves creatively, it's for folks who are thinking of doing something creative for their capstone project.

Would you rather draw comic than do a research essay?

Would you rather film a movie than present in front of the class?

Would you rather draw an infographic than make a PowerPoint?

Then this is the CLC combo is for you!

We will be explorers of the world, we will create, challenge and take risks!

We will Create artistic works to reflect our personal voice, story, and values

We will explore personal, educational, and professional opportunities in visual arts and related fields

It will be amazing and full of surprises! Join us!

Career Combos

- Anatomy & Physiology/CLC
- Art/CLC (3 in 2 course – Outdoor Ed, Environmental Science & CLC) (Students receive 12 credits instead of 8)
- Law & CLC
- 3 in 2 course – Human Geog, Physical Geog, & CLC (Students receive 12 credits instead of 8)
- Weight training/CLC
- Life Sciences 11/CLC
- Creative Writing 11/CLC
- Computer Programming / CLC
- Acting / CLC

English

“Students’ understanding of their world expands and deepens as they engage with a wide variety of non-fiction and fiction genres. They explore real and imaginary worlds through the analysis and creation of story. They learn to appreciate the importance of story in reflecting and shaping Canadian culture and worldviews, including those of Aboriginal peoples. Aboriginal worldviews are an integral part of the English Language arts curriculum, as all students learn about themselves and others as British Columbians and Canadians. Students see their own diversity reflected in what they see and do, and they learn to recognize and respect a range of worldviews.” Students will select and create a variety of representational forms to show their capability in respect to the curricular competencies for each course. Students will experience a differentiated and inquiry-based approach to learning in all English Language Arts courses.

Humanities 8

Humanities 8 Grade 8 students are assigned to the same teacher for both English and Social Studies in a combined all-year course (one timetable block in each semester). Important portions of the History content lend themselves to the development of English skills while literature and writing enhance Social Studies learning. Some lessons and units that lend themselves to integrated study will be integrated while other lessons and units will be developed separately. Humanities develops competency in reading, writing, speaking, listening, viewing, representing and researching. All of these skills are applied to literature, geography, history and current events. The course stresses an active approach to learning through cooperative learning, critical thinking, inquiry, and creative problem solving, while investigating our interaction with the physical and social environment. In addition, students participate in reflecting, assessing and setting goals for their own learning.

The content and topics of the course may include the following:

English Component: Reading, writing, oral communication, viewing, representing, grammar, mythology, Aboriginal literature, non-fiction, short stories, novels and poetry.

Social Studies Component: Geography, including maps, graphs and charts; Middle Ages in Western and Eastern Europe and the Middle East; European Renaissance and Reformation; European exploration and conquest; Middle Ages in India, China, and Japan; as well as pre-contact indigenous civilizations.

[Back to Current Grade 7s](#)

English 9

There is a focus on diversity of text and understanding the purpose of language. Students will explore language and text as it applies to their own identity and make connections to the outside world. Students will explore the creative use of language and seek enjoyment while engaging with literature. Students will focus on a variety of literary genres while demonstrating their ability to perform core competencies in areas of reading, writing, speaking and listening.

[Back to Current Grade 8's](#)

English 10 Choices

3 CHOICES:

NOTE: ALL CHOICE COURSES ALL OFFER THE SAME ACADEMIC RIGOR AND HAVE A STRONG READING AND WRITING COMPONENT

New Media & Focused Literary Studies 10

We are leaving (most) of the dusty traditional books behind, and exploring texts that take other less traditional forms, such as podcasts, blogging, social media, Ted Talks, film, television, and music. We will consider how various media forms are analyzed, and learn how technology and new media impact our everyday lives. This course will provide you with the skills necessary to navigate our constantly evolving digital world, and to analyze more than just the texts that live on the bookshelf. And finally, this course will give you the opportunity to strengthen and demonstrate your written and oral communication skills through the creation of your own digital and print media.

Do you love to read and discuss stories? This course also involves a more in-depth study of literature revolving around various themes, authors, genres, and periods as explored through a variety of engaging texts such as short stories, poetry, novels, graphic novels, drama, and non-fiction. Students will increase their literacy skills through close reading, develop as global citizens, and develop higher-level thinking skills. They will also be able to evaluate the reliability, and quality of sources they explore. Students will engage in critical thinking as they create coherent, purposeful compositions while developing their writing skills. Students will compose narrative, expository, persuasive, and opinion pieces while engaging in the writing process of planning, drafting, and editing. **Please note that the academic expectations and the amount of writing that students will do in this course are no different than in any of the other English 10 options.**

Creative Writing & Focused Literature 10

Do you enjoy being creative and expressing your ideas through writing? In Creative Writing 10, we will do just that. We will complete a variety of creative writing projects and explore the type of writing and topics that most interest you, such as poetry, short stories, screen/television/stage plays, and anything else that can be built with words. This course will require you to take creative risks as you develop your own voice and style as a writer, and you will be expected to share some of your writing with the class in workshop discussion groups; through this collaboration you will become a better editor, communicator, and writer. If you are looking for the freedom to express yourself creatively while strengthening your reading, writing, and analysis skills, then this is the course for you.

This course also involves a more in-depth study of literature revolving around various themes, authors, genres, and periods as explored through a variety of engaging texts such as short stories, poetry, novels, graphic novels, drama, and non-fiction. Students will increase their literacy skills through close reading, develop as global citizens, and develop higher-level thinking skills. They will also be able to evaluate the reliability, and quality of sources they explore. Students will engage in critical thinking as they create coherent, purposeful compositions while developing their writing skills. Students will compose narrative, expository, persuasive, and opinion pieces while engaging in the writing process of planning, drafting, and editing.

Spoken Language & Focused Literature 10

Students will learn how to communicate in meaningful ways through speaking in various forms such as speeches, First Peoples story-telling, Ted Talks, podcasts, video essay, spoken word poetry, debate, and discussion. Students will consider target audience when exploring the different uses of voice. The writing process will be emphasized when preparing students for different forms of public and recorded speech.

This course also involves a more in-depth study of literature revolving around various themes, authors, genres, and periods as explored through a variety of engaging texts such as short stories, poetry, novels, graphic novels, drama, and non-fiction. Students will increase their literacy skills through close reading, develop as global citizens, and develop higher-level thinking skills. They will also be able to evaluate the reliability, and quality of sources they explore. Students will engage in critical thinking as they create coherent, purposeful compositions while developing their writing skills. Students will compose narrative, expository, persuasive, and opinion pieces while engaging in the writing process of planning, drafting, and editing.

*Successful completion of a Grade 10 English Language course is a pre-requisite for English 11.

[Back to Current Grade 9's](#)

English 11 Choices

You have 5 choices for the English 11 credit:

NOTE: ALL CHOICE COURSES ALL OFFER THE SAME ACADEMIC RIGOR AND HAVE A STRONG READING AND WRITING COMPONENT

English 11: Literary Studies

This course involves a more in-depth study of literature revolving around various themes, authors, genres, and periods as explored through a variety of texts such as short stories, poetry, novels, graphic novels, drama, and non-fiction. Students will increase their literacy skills through close reading of text, expand their development as global citizens and continue to develop higher-level thinking skills.

English 11: Creative Writing

Creative Writing 11 is an English course for students who enjoy the creative side of writing. The aim of this course is to refine your unique writing style and narrative voice through the creation of engaging poetry, short stories, and screenplays. As you develop your own signature style of writing in this course, you will have the freedom to choose your own topics/formats for your writing projects. Participation in writing workshops is an important component of Creative Writing 11; these discussion groups strengthen your communication and editing skills, and are a vital part of the writing process. You **do not** need to have completed Creative Writing 10 to take Creative Writing 11, but you do need to enjoy being creative, be prepared to attend class regularly and share your writing with others, and have a genuine enthusiasm for writing in order to succeed in this course.

English 11: New Media

We are exploring texts that take other less traditional forms, such as podcasts, blogs, video games, film and television, and music. We will consider how various media forms are analyzed, and learn how technology and these new forms of media impact our everyday lives. This course will provide you with the skills necessary to navigate our constantly evolving digital world, and to examine more than just the texts that live on the bookshelf. Finally, this course will give you the opportunity to strengthen and demonstrate your written and oral communication skills through the creation of your own digital and print media. This class has a strong focus on technology use. You do not have to have taken New Media 10 to take New Media 11. This course will delve into different material at a higher level of analysis. This is a writing and analysis course and offers the same academic expectations as the other 11 English Language courses.

English 11: New Media - Film Studies

After taking Film Studies 11, you will never watch movies the same way again (and that's a good thing)! In this course the major texts we study are films, and you will learn how to "read" them on the screen. You will be encouraged to develop and share your opinions of the movies watched in class, enrich your understanding of film as an art form, and strengthen your critical thinking skills as the course progresses. Assignments will include projects, formal compositions, and informal personal

reflections.

We will cover a variety of topics in this course, starting with common filmmaking techniques and how directors use them to manipulate us. Other units include: film structure (how *Inception* and *(500) Days of Summer* tell their stories), unreliable narrators and point of view (the flawed heroes of *Logan*, *Snowpiercer*, and *Die Hard*), and what your eyeballs and eardrums are actually doing when you “read” a movie (the auditory and visual magic of *Baby Driver* and *Mad Max: Fury Road*). This class will aid you in strengthening your communication and analytical skills through the analysis of films and filmmaking. Film Studies 11 will leave you with the skills necessary to competently interpret visual texts and impress (or annoy) others with your fine-tuned critical thinking skills. Prepare to see, hear, and think differently!

Please note that due to the varied content and frequency of films screened in this course, maturity and regular attendance are required.

English 11: New Media - Horror Genre

Are you both fascinated and terrified by Donald Trump and “fake news”? Are you aware of how often advertisers lie to you? Do you know the origin of your favorite meme? In Popular Culture 11, you will strengthen your communication skills through the exploration of these and the many other topics that are currently invading Facebook and taking over Tumblr—course content can and will change rapidly, based on what is happening in the world (and how the internet reacts to it). In this class you will analyze and interpret memes, blogs, podcasts, advertisements, literature, tv, film, and other types of media, and you will be encouraged to examine the roles media and popular culture play your life. You will also have the opportunity to create your own media and express your unique opinions in various forms. It is extremely important that we understand how different forms of popular culture influence and change us. We live in a world where the President of the United States can start a Twitter war and a hashtag can start a revolution, where celebrities are created and destroyed in a matter of minutes, where it is becoming harder to distinguish between your real self and your online persona. Popular Culture 11 exposes how the media manipulates you, and empowers you with the skills to make your voice heard, no matter the medium.

[Back to Current Grade 10's](#)

English Studies 12

English Studies 12 *MANDATORY FOR GRADUATION*

English 12 Studies is a mandatory course which all students must pass in order to graduate. English Studies 12 is designed for all students and provides opportunities to refine communications, think critically and creatively about the uses of language, explore texts from a variety of sources, deepen understanding of ourselves and others, 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 understanding of what it means to be educated Canadian and global citizens.

[Back to Current Grade 11's](#)

Literary Studies 12 (elective)

Tuesday, January 12, 2021 10:00 AM

Literary Studies 12 is an academic university approved course that can be taken [in addition to English Studies 12](#).

Literary Studies 12 is an academic university approved course that can be taken [in addition to English Studies 12](#). This course involves a more in-depth study of literature revolving around various themes, authors, genres, and periods as explored through a variety of texts such as short stories, poetry, novels, graphic novels, drama, and non-fiction. Students will increase their literacy skills through close reading of text, expand their development as global citizens and continue to develop higher-level thinking skills. This course is intended to be [driven by student passions and inquiry](#). Students do not have to have taken Literary Studies 10 or 11 to take Literary Studies 12. Students must have completed their English 10 & 11 credit requirements.

Foods Studies 10

Junior Iron Chefs, this class is for you! Further develop your cooking and baking skills to create nutritionally balanced meals and amazing desserts. Use the skills you learn in class to design and create dishes of your choice.

[Back to Current Grade 8's](#)

[Back to Current Grade 9's](#)

Food Studies 9

Monday, February 1, 2021 10:19 AM

Foods 9

Eat your way through the day! Create dishes from breakfast all the way through to dinner and dessert. Develop skills in food preparation, examining food and nutrition principles, working collaboratively as a group and much more. Use the skills you learn in class to design and create dishes of your choice.

Foods Studies 11

Is there a food genius in you? Prepare entrées and desserts using a variety of ingredients that will impress everyone. Expand your culinary palette through exploration of food from all around the world! Prepare and design complex recipes and extend your knowledge of food preparation techniques. Use the design process to prepare dishes of your choice.

[Back to Current Grade 9's](#)

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Food Studies 12

Is there a food genius in you? Prepare entrées and desserts using a variety of ingredients that will impress everyone. Expand your culinary palette through exploration of food from all around the world! Prepare and design complex recipes and extend your knowledge of food preparation techniques. Use the design process to prepare dishes of your choice.

[Back to Current Grade 11's](#)

Pastry Arts and Baking 11/12

Monday, February 1, 2021 10:20 AM

Pastry Arts & Baking 11/12

Bring the bakery to the classroom! This course is designed for students with a special interest in baking and pastry arts. Explore both sweet and savoury baking. Build practical skills while learning baking theory, time management and much more. Topics may include cookies, pastries, yeast breads, candy making, pies, cakes and cake decorating.

Culinary Arts 11

This course introduces students to the culinary arts profession under the guidance of a Red Seal Chef Instructor. Emphasis is given to the development of basic competencies related to the culinary profession, including basic recipes and menus, kitchen safety, cooking terms, the correct use of culinary tools/equipment, and fundamental cooking

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Culinary Arts 12

Meant to build on the lessons learned in Cafeteria 11, Culinary Arts 12 is very similar in focus and scope. However students will be required to demonstrate that can perform the basic tasks of an entry level cook: making stocks, soup & sauce preparation, making baked goods, roasting meats, frying, short order cooking, bread making, and sandwich and salad making.

Although Culinary Arts 12 students will be in classes mixed with Cafeteria 11 students, Culinary Arts 12 students will be require to do extra lessons, demonstrate culinary techniques, and in general take on a leadership role in the kitchen. Students will be required to volunteer at least one extracurricular event through the school term. Students will be encouraged to further their training by working outside of school in the culinary industry.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

French 8

In this course, students will develop their communication skills in French in meaningful real-life situations which relate to their personal interests. Students will be involved in many activities such as presentations, dialogues and skits and will complete theme-based individual and group projects on topics such as sports, personality types, snack foods, travel, shopping, and Canadian mysteries. This course also teaches the basic grammatical principles that allow students to continue French at higher levels or prepare them for the study of another language. Come join the fun!

Note: According to the BC Ministry Language Education Policy, it is mandatory to study a second language for four consecutive years (grades 5, 6, 7 and 8). In Surrey, that language is French. Although most students will have had regular French instruction in Grades 5 to 7, some may not have had the same level of exposure. The French 8 course takes this into account, providing new information and challenges while allowing for those with limited French experience to participate and succeed.

[Back to Current Grade 7s](#)

French 9

French 9 builds upon the basics learned in French 8. The course will continue to develop oral communication skills, while also increasing the emphasis on writing and reading. Students will be expressing opinions and preferences on topics such as sports and fitness, pop culture of the 60s, 70s and 80s, fashion, and music. They will also develop their understanding and appreciation of other cultures by exploring the lifestyles of various French-speaking peoples around the world. Creative expression in French is encouraged through individual/group projects and presentations. C'est chic!

[Back to Current Grade 8's](#)

French 10

Students will continue to increase their abilities to communicate in French through listening, speaking, reading and writing. Grammar points become more complex and students learn how they are used as a tool to help them communicate in an effective and more sophisticated manner. Students will take part in a variety of possible real-life situations in French such as role-playing survival situations in a Francophone country, playing a game about aptitudes and professions, and writing an urban legend. *C'est magnifique!*

[Back to Current Grade 9's](#)

French 11

Students will continue to develop their abilities to interact with confidence in French and to express themselves with increasing proficiency and style in written composition. Students are introduced to a variety of literary genres such as poetry, magazine/newspaper articles, and fictional stories to expand their reading skills. Through various activities, research and projects, this course invites students to discover ethnic foods and cultures, share childhood memories, invent and market a product, and discuss strategies to overcome stress. Vive les différences!

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

French 12

In this course, students will further polish their composition style by applying more sophisticated grammar and vocabulary. Reading skills are developed through exposure to various fiction, non-fiction and authentic materials. Creative expression and projects will focus on exploring such themes as French artists, Paris, international travel, becoming an adult, the future of the planet, and other contemporary issues of interest to the students. The class is conducted primarily in French to help the students develop the highest possible degree of fluency. The final unit involves studying the famous French novel : "Le Petit Prince". La crème de la crème!

[Back to Current Grade 11's](#)

Spanish 9

This is an introductory course focusing on both oral and written communication. Successful completion of French 8 is strongly recommended, as language learning strategies taught in French will help ensure success in learning Spanish. The focus in Spanish 9 is the purposeful use of Spanish to perform real life tasks, to share ideas, and to acquire information. In addition to studying the culture and traditions of Hispanic people, the following themes will be explored: greetings, school life, food, friends, and family.

[Back to Current Grade 8's](#)

Introduction to Spanish

Wednesday, February 10, 2021 9:36 AM

There is an exciting opportunity coming up for students who will be in grades 10-12 next year. For the first time in years, the Languages Department will be offering an **Intro Spanish 10/11** course. This means that students who have not taken a language prior to grade 10 have another chance to start learning Spanish!

Spanish 10

This course builds on material covered in Spanish 9. Students will further develop speaking, listening, reading and writing skills. They will be introduced to the culture, traditions and daily lives of people from a variety of Spanish cultures including Spain and Mexico. A number of other interesting themes will be explored such as shopping, home life, sports, and technology.

[Back to Current Grade 9's](#)

Spanish 11

This course will strengthen and build on skills developed in Spanish 9 and 10. In addition to studying the histories and geographies of various Spanish-speaking countries, the following themes will be explored: travel, sports and health, clothing and shopping, pastimes, legends and literature.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Spanish 12

This advanced language course is intended to refine skills learned in the three previous levels of Spanish. There is an in-depth study of the language and literature of the Spanish-speaking world, and composition styles are developed and polished.

[Back to Current Grade 11's](#)

Punjabi 10

This is an introductory course for students who have little or no background in the Punjabi language. This course aims to teach students the fundamentals of Punjabi language and to develop communication skills (speaking, understanding, reading and writing) in Punjabi. In this course Punjabi culture and history will also be explored through music and movie segments. Grade 10-12 students are welcomed in this course. Successful completion of this course qualifies a student to enter **Punjabi 11**, a language which satisfies most University program's admission requirements.

[Back to Current Grade 9's](#)

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Punjabi 11

Punjabi 11 will strengthen and build on the skills and materials already acquired in the language. Students will continue using Punjabi to exchange opinions through discussions, describe and narrate with some supporting details using a wide range of vocabulary and expressions through journal writing and reflections. Students will also explore the Punjabi culture through field studies of art galleries, grocery stores, restaurants and the Punjabi market.

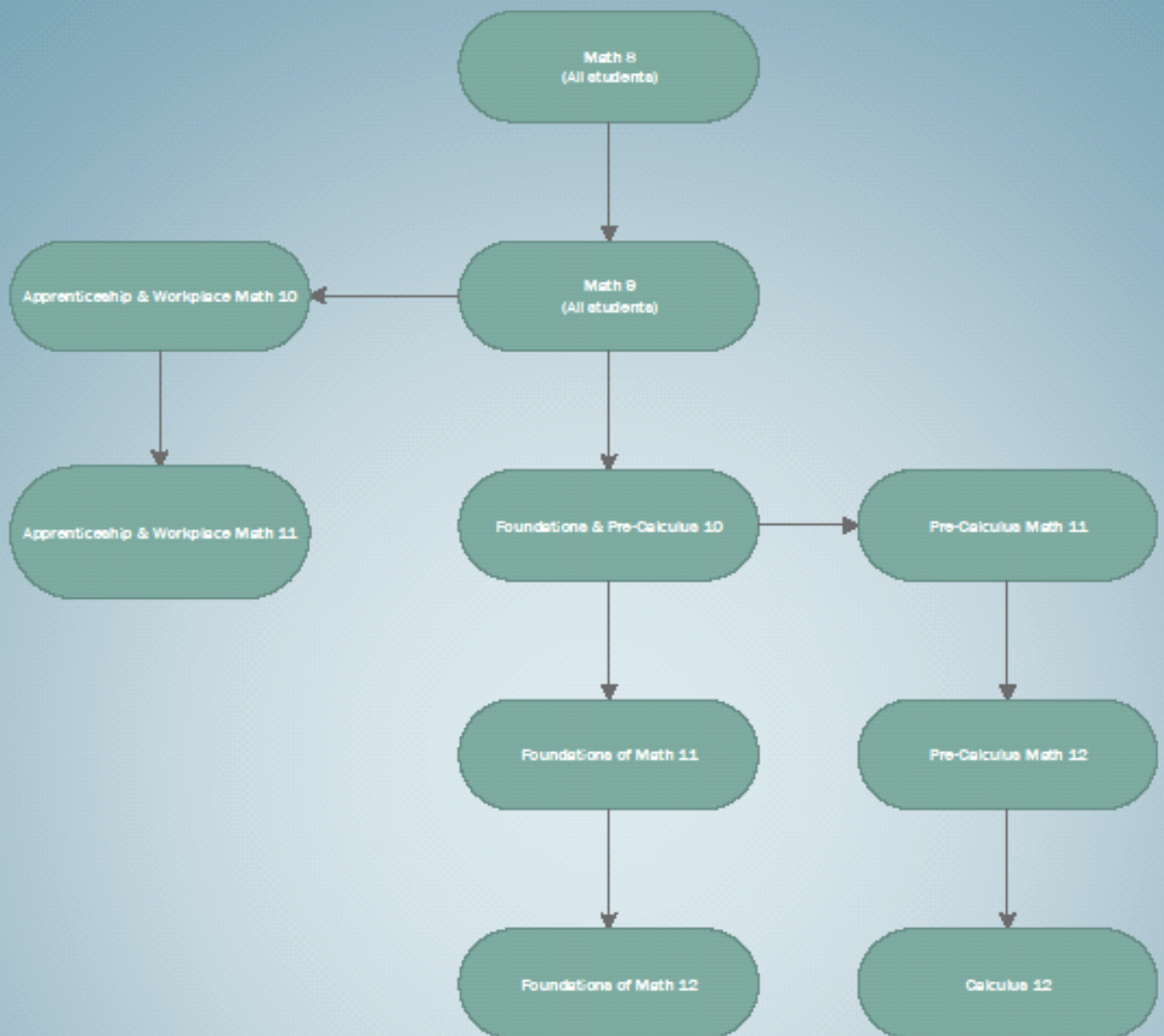
Students will study specific themes related to leisure, ethnic foods and cuisine, advertisements and travel.

Successful completion of Punjabi 11 provides the minimum language entrance requirements needed for most university programs.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

BC Mathematics Pathways



There are three pathways through the mathematics curriculum. Depending on interest, skillset and future career plans, each pathway provides students different content.

1. **Apprentice & Workplace Math** – This pathway is specifically designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades at post secondary and for direct entry into the work force. Topics include algebra, geometry, measurement, number, statistics and probability.
2. **Foundations of Math** – This pathway is designed to provide students with the mathematical understandings and critical thinking skills identified for post-secondary studies in programs such as Economics, Geography, Arts or Humanities that do not require the study of theoretical calculus. Topics include financial mathematics, geometry, measurement, number, logical reasoning, relations and functions, and statistics and probability.
3. **Pre-Calculus Math** - This pathway is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus like Sciences, Business, or Engineering. Topics include algebra and number, measurement, relations and functions, trigonometry,

3. Pre-Calculus Math - This pathway is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus like Sciences, Business, or Engineering. Topics include algebra and number, measurement, relations and functions, trigonometry, permutations, combinations and binomial theorem.

[Back to Current Grade 7s](#)

[Back to Current Grade 8's](#)

[Back to Current Grade 9's](#)

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Mathematics 8

In Math 8 the seven years of elementary school provided students with a solid background in the basic concepts of arithmetic, providing the foundation for success in the high school mathematics program. The new curriculum places an emphasis on some skills that students will continue to develop. They must be able to: reason, analyze, understand, solve problems, communicate their thinking, make connections, and reflect on their work. The content that will allow students to develop these skills includes: numbers and number operations, patterns and relationships (algebra), shape and space (measurement and geometry), statistics and probability, and financial literacy and problem-solving.

[Back to Current Grade 7s](#)

Mathematics 9

Mathematics 9 continues on from Mathematics 8. Topics covered in Mathematics 9 include rational numbers, powers and exponents, scale factors and similarity, polynomials, algebra, linear relations, linear inequalities, and geometry.

[Back to Current Grade 8's](#)

Foundations of Math 10

Foundations of Mathematics & Pre-Calculus 10 provides a more theoretical focus than the other pathways, to prepare students for advanced studies in mathematics. Students intending to study mathematics, science, and/or engineering at the post-secondary level should take this course as it is the prerequisite for both Foundations of and Pre-Calculus Math 11.

[Back to Current Grade 9's](#)

Workplace Math 11

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Students wishing to attend a technical college or a trade school should choose Apprenticeship and Workplace Mathematics 11. Topics include algebra, geometry, measurement, number, statistics, and probability.

[Back to Current Grade 10's](#)

Foundations / Pre-Calculus Math 10

Foundations of Mathematics & Pre-Calculus 10 provides a more theoretical focus than the other pathways, to prepare students for advanced studies in mathematics. Students intending to study mathematics, science, and/or engineering at the post-secondary level should take this course as it is the prerequisite for both Foundations of and Pre-Calculus Math 11.

[Back to Current Grade 9's](#)

Foundations of Math 11

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Students wishing to study the social sciences, humanities, fine arts, or who are undecided should choose Foundations of Math 11. Topics include geometry, measurement, number, logical reasoning, relations and functions, and statistics.

[Back to Current Grade 10's](#)

Foundations of Math 12

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Students wishing to study the social sciences, humanities, fine arts, or who are undecided should choose Foundations of Math 12. Topics include financial mathematics, geometry, measurement, number, logical reasoning, relations and functions, statistics and probability.

[Back to Current Grade 11's](#)

Pre-Calculus 11

This pathway is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Students wishing to study math, science, engineering, medicine, or commerce should choose Pre-Calculus Mathematics 11. Topics include algebra and number, measurement, relations and functions, and trigonometry.

[Back to Current Grade 10's](#)

Pre-Calculus 12

This pathway is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Students wishing to study math, science, engineering, medicine, or commerce should choose Pre-Calculus Mathematics 12. Topics include algebra and number, measurement, relations and functions, trigonometry, and combinatorics.

[Back to Current Grade 11's](#)

Calculus 12

This course is highly recommended for students planning to take a calculus course at the post-secondary level. The course content includes the study of limits, derivatives and their applications, and integrals and their applications.

[Back to Current Grade 11's](#)

Physical Education 8

Students will develop the knowledge, skills, and attitudes necessary to incorporate physical activity into regular routines and leisure pursuits and to live an active, healthy lifestyle. Students will understand the benefits of active living; perform activity-specific motor skills while participating in a variety of games, dance, gymnastics, and outdoor activities. They will demonstrate appropriate social behaviour, etiquette, fair play and leadership skills related to physical activity.

[Back to Current Grade 7s](#)

Physical Education 9

Physical Education 9 consists of: Active Living: Identify the benefits of active living; evaluate goals of personal fitness and activity programs; participate in personal fitness and activity programs; explain the effects that nutrition, fitness and physical activity have on body systems; select personal stress management and relaxation activities, and demonstrate a functional level of fitness.

Personal and Social Responsibility: Demonstrate positive behaviours that indicate: self-respect and self-confidence; respect for individuals; and identify qualifications for specific careers related to physical activity.

[Back to Current Grade 8's](#)

Physical Education 10

Physical Education 10 consists of: Active Living: Demonstrate a commitment to active living; maintain personal fitness and activity programs using training principles; analyze effects that nutrition, fitness, physical activity and exercise have on body systems; plan and lead warm-up and cool-down activities; apply the principles of first aid; and identify recreational programs that promote a healthy lifestyle. Personal and Social Responsibility: Demonstrate appropriate social behavior while working cooperatively with others; apply leadership skills in relation to physical activity; and identify existing careers in the community related to physical activity.

[Back to Current Grade 9's](#)

Physical Education 11

The aim of this course is to enable all students to enhance their quality of life through active living. Through participation, students will develop the knowledge, skills, and attitudes necessary to incorporate physical activity into regular routines and leisure pursuits in order to live an active, healthy lifestyle. Students will learn and identify outdoor skills and responsible behavior in an outdoor setting. The students will be assigned leadership roles in and outside the classroom with the aim of increasing ones employment skills.

Both co-ed and girls only gym classes are available on the course selection form.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Physical Education 12

The emphasis of this course is on analyzing and improving physical competence, maintaining personal fitness, developing effective leadership and sports management skills in the school and community, and career development planning.

As in P.E. 11, students will participate in a variety of activities, leisure pursuits and outdoor adventures. Students will learn and identify skills and responsible behavior in an outdoor setting. The students will be assigned roles in and outside the classroom with the aim of increasing employment skills.

Both co-ed and girls only gym classes are available on the course selection form.

[Back to Current Grade 11's](#)

Recreational Leadership 10

The aim of this course is to enable students to investigate their own set of values and attitudes, learn leadership skills and experience the practical application of leadership skills within the school. It will enable students to develop relationships, communication and organizing skills, as well as cooperative and responsible attitudes.

All components will be completed in the course, in addition to a variety of field studies that will promote teamwork and leadership skills. Students are also trained as table officials for volleyball and basketball games, and in principles of First Aid.

The course is open to mature, energetic students in Grade 10.

[Back to Current Grade 9's](#)

Outdoor Ed 12

Wednesday, December 9, 2020 1:31 PM

Please use the following links for more information about
Outdoor Education

[Outdoor Science 11 Combo \(3 class credits in 2 blocks\)](#)
[CLC - Outdoor Ed combo](#)

Recreational Leadership 11

Recreation Leadership 11 will allow students to explore skills, strategies, and provide practical opportunities to develop, enhance, and apply collaborative skills in physically active, leadership settings. Students will explore group dynamics and components of leadership while implementing a variety of recreational activities. They will study, prepare and participate in school and community recreational leadership activities and events such as physical education class mini-lessons, intramurals, tournaments, and play days.

To co-ordinate and implement events, students will be provided a safe environment and solid foundation of skills from the personal and social responsibility domain, team building and leadership skill training, and planning and management strategies. They will then extend into the community via elementary school and community-based programs.

Service hours for community and school activities are required. This course runs all year long, backed with a study block, allowing students to provide service to the school for the entire year.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Fitness & Conditioning 11

This course has been developed to support and encourage students' safe and effective participation in weight training. Weight training is a continually growing individual fitness endeavor which, when performed properly, has numerous health and social implications. Students will gain hands-on weight training techniques, knowledge of principles of training, safety procedures, and adaptations to training and supplement use to develop an individual weight training program and implement the plan to reach personal goals.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Fitness & Conditioning 12

Students will be creating fitness programs and will apply the five factors of wellness to their individual situation and suggest ways to improve in these areas. In the area of nutrition, students will investigate various diseases that are diet-related and can be improved with exercise and dietary changes. Contemporary issues impacting the health industry will be analyzed to promote personal awareness and safety. This is a follow-up course for those students who have completed Fitness and Conditioning 12.

[Back to Current Grade 11's](#)

Dance for Fitness 11/12

This course is a Physical Education credit.

This course involves identifying the role that certain lifestyle behaviours, such as regular physical activity, good nutrition and stress management, play in the pursuit of optimal health and well-being. Students will examine the health and wellness effects derived from participation in regular physical activity. Dance, yoga, Pilates, and conditioning will be used to build strength and flexibility. This is a non-performance class.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Physical Education - Girls

January 10, 2017 8:39 PM

This grade 11 program is suited for students with an interest in fitness and a passion for active living. This program combines active participation within the school and in the community. Students will experience a diverse program that explores topics such as goal setting, sport & games, leadership, nutrition, rhythmic activities and anatomy. Field excursions will also be planned to further enhance student learning and provide options for continuing active lifestyles upon graduation.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Athletic Leadership

February 7, 2022 3:31 PM

This course was locally developed for students in grades 10-12. The course will run outside of the regular timetable and will focus directly on athletic events and games at the school. Students will gain a variety of leadership skills focused in sport such as; learning how to score keep, line courts, officiate, keep track of team and player statistics while also being given opportunities to demonstrate in a service education role to fulfill graduation requirements. Athletic Leadership also creates credit granting opportunities for students who do not play on athletic teams but would still like to take part in an active role in the athletic community at the school.

Science 8

Science 8 is a survey course of the four major domains of science: Biology (cells and the immune system); Chemistry (KMT and the structure of the atom); Physics (light) ; and Earth Science (plate tectonics). There is an emphasis on scientific inquiry, ethical, cooperative behavior, and the development of safe investigative procedure which relate to scientific principles, technology, and research.

[Back to Current Grade 7s](#)

Science 9

Science 9 is a survey course of the four major domains of science: biology (reproduction); chemistry (atoms, elements, and compounds); Physics (electricity) ; and Earth Science (natural systems and matter cycles). There is an emphasis on scientific inquiry, ethical, cooperative behavior, and the development of safe investigative procedure which relate to scientific principles, technology, and research.

[Back to Current Grade 8's](#)

Science 10

In Science 10 students will extend their understanding of the major fields of science including biology, chemistry, physics and earth science. Students will be expected to demonstrate scientific literacy and competence in the use of technologies specific to investigative procedures and research. The following topics are the basis for Science 10: genes, chemical processes, energy transformation, and formation of the universe.

[Back to Current Grade 9's](#)

Foundations of Science 11

This course is intended primarily for students who do not intend to continue their studies in Science past grade 11 or continue directly to post-secondary. Universities do not accept this course as a Science 11 credit however it is accepted for graduation. The activities in this course are designed to develop the critical processing of information. Practical issues relative to society, science and technology form the basis of the course. Students are expected to know the following:

evidence-based decision making through science

personal and public health practices, including First Peoples traditional health and healing practices

impact of technologies

personal safety and awareness

workplace safety

certifications

practical applications of science in the workplace

impacts of technology in the workplace

applications of materials science

beneficial scientific innovations

natural hazards and responses

human impact on Earth's systems:

natural resources

effects of climate change

actions and decisions affecting the local and global environment, including those of First Peoples

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Life Sciences 11

Life Sciences 11 involves the study of evolution, of ecology, and of diversity of life. There is some virtual lab work. Topics in zoology include both invertebrates and vertebrates, and those in botany cover mosses to flowering plants. The course emphasizes the adaptation of plants and animals to their environment.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Anatomy and Physiology 12

Anatomy and Physiology 12 investigates the processes and structures which make up the human body. The course will examine structures at the cellular level (biochemistry, cell biology) and organ systems (including digestive, respiratory, cardiovascular, urinary, immune, and nervous systems). Students will need to demonstrate how small-scale changes at the chemical and cellular level can impact a human being. At the conclusion of the course, students will understand through inquiry, labs, and projects how the human body maintains homeostasis.

[Back to Current Grade 11's](#)

Chemistry 11

It is recommended that a grade of C+ or better has been achieved in Science 10 prior to taking this course. Students will need to use algebraic skills to solve chemistry problems, and will thus benefit from a proficiency in math. Chemistry 11 is an introductory laboratory course concerned with the description, classification and theory of matter. The following topics are the basis for Chemistry 11: introduction to chemistry; lab safety; scientific communication; atoms, molecules and ions; mole concept; chemical reactions; stoichiometry; atomic theory; solution chemistry; and organic chemistry. Extensive scientific vocabulary exists for all topics.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Chemistry 12

Chemistry 12 is a problem-centered laboratory course involving more advanced concepts. Experimentation and problem solving are major parts of the course. The following topics are the basis for Chemistry 12: reaction kinetics; equilibrium, solubility of ionic substances; acids, bases, and salts; and oxidation-reduction reactions. It is recommended that students have C+ or better in Chemistry 11 and Mathematics 11.

[Back to Current Grade 11's](#)

Physics 11

It is recommended that a grade of C+ or better has been achieved in Science 10 and Foundations of Math and Pre-Calculus 10. Physics 11 is an introductory course that focuses on the investigation of physical relationships and developing mathematical models to describe physics concepts.

Students are expected to know the following:

vector and scalar quantities
horizontal uniform and accelerated motion
projectile motion
contact forces and the factors that affect magnitude and direction
mass, force of gravity, and apparent weight
Newton's laws of motion and free-body diagrams
balanced and unbalanced forces in systems
conservation of energy; principle of work and energy
power and efficiency
simple machines and mechanical advantage
applications of simple machines by First Peoples
electric circuits (DC), Ohm's law, and Kirchhoff's laws
thermal equilibrium and specific heat capacity
generation and propagation of waves
properties and behaviours of waves
characteristics of sound
resonance and frequency of sound
graphical methods in physics

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Physics 12

A strong background in mathematics will help to ensure success in this course. Students should have completed Pre-Calculus 11 before taking this course. Physics 12 is an advanced course for those who plan to continue studying science at a post-secondary institution. This course will help students develop analytical, experimental and modelling skills through inquiry, student-led labs and problem solving.

The following topics will be studied: experiments and graphical methods; kinematics; special relativity; dynamics; energy; momentum; equilibrium; circular motion; gravitation; electrostatics; electric circuits; and electromagnetism.

[Back to Current Grade 11's](#)

Environmental Science 11

Wednesday, January 13, 2021 8:45 AM

This university accepted grade 11 science course is suited for students who are passionate about the environment and sustainability. This class will be taught through a combination of in class learning and hands on outdoor experience with the concepts taught. Students will also take action in sustainability and conservation.

Students passionate about the environment should consider taking the [Outdoor Science 3 for 2 Combo](#)

Students are expected to learn about the following topics:

abiotic characteristics: aquatic, atmospheric, edaphic

levels of biotic diversity

ecosystem complexity: roles, relationships, population dynamics

energy flow through ecosystems

matter cycles through and between living systems

succession

First Peoples knowledge and other traditional ecological knowledge in sustaining biodiversity

benefits of ecosystem services

human actions and their impact on ecosystem integrity

First Peoples ways of knowing and doing

resource stewardship

restoration practices

Outdoor Science 3 for 2 Combo

This CLC course is combined with Outdoor Education 12 and Environmental Science 11. Students will earn 12 credits in 2 blocks for this 3 in 2 combo course. It is intended for students passionate about the environment and outdoors who would like to learn more about green careers in environmental science and outdoor education while also exploring related topics for their capstone project.

Outdoor Education is a PE course which explores alternate environments and ways of learning. Students will partake in a variety of outdoor and wilderness activities such as hiking, biking, canoeing, kayaking and snowshoeing. The outdoor activities will allow students to get hands on experiential learning with the concepts learned in Environmental Science.

Environmental Science 11 covers ecosystems, biodiversity and nature cycles with a focus on human impacts and how to maintain and restore these systems in a sustainable way.

This program combines classroom learning with hands on experiences in our natural environment at local parks, trails and mountains. Diversity, sustainability and conservation of ecosystems is taught in the classroom and experienced in the outdoors. Through outdoor exploration students will gain the skills needed to adapt to changing outdoor conditions and respond to emergency situations.

Career-Life Connections is a required course for graduation. In addition to completing the capstone project, CLC focuses on applying personal career-life management knowledge, skills, and strategies to the one's own personal life journey.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Earth Science 11

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Geology 12

Geology 12 is a course which explores local and regional geology. This course meets the Science 11 credit requirement.

The following topics are the basis for Geology 12: earth materials - introduction to geology, minerals, igneous rocks and processes, sedimentary rocks and processes and metamorphic rocks and processes; earth minerals, - mineral, rock and energy resources; time and the fossil record; internal processes and structures - plate tectonics, seismology, isostasy, earth's interior and structural geology; surficial processes - weathering and erosion, running water, glaciers and ground water; comparative planetology.

Field trips planned for this course may include: (1) a day trip to the B.C. Mineral Museum, and (2) a day trip to Whistler Village.

Completion of Geology 11 is an asset to students taking this course; however, it is not a required prerequisite.

[Back to Current Grade 11's](#)

Social Studies 9

The Social Studies 9 curriculum timeline spans from 1750-1919.

SS9 uses the six historical thinking concepts (with particular focus on cause and consequence and continuity and change), inquiry based learning, and Indigenous perspectives as foundational skills. Students will critically analyze and understand how ideas and ideologies have profoundly influenced societies and events, how inequality in power changes the balance of relationships between individuals and societies, and the process of creating a collective identity that may change over time. Students will further gain knowledge about how the physical environment (the natural world) influences political, social, and economic change.

Topics include, but are not limited to, various social, political, economic, and technological revolutions, the continued effects of imperialism and colonialism on Indigenous Peoples and settlers in Canada and around the world, patterns of migration and population growth, the physiographic regions of Canada, nationalism and the creation of the modern nation-state, local, regional, and global conflicts, and discriminatory policies/laws, attitudes, and historical wrongs.

[Back to Current Grade 8's](#)

Social Studies 10

Spanning from 1919 to the present, Social Studies 10 builds on themes and skills developed in grade 9.

Using the six historical thinking concepts (with particular focus on primary evidence and ethical dimension), inquiry based learning, and Indigenous perspectives and knowledge, students will engage in topics such as injustice and human rights, colonization and genocide, First Peoples and Canada's political and economic systems, ideology and civic engagement, cooperation and conflict, and the interconnection between human populations, the environment and globalization.

Students will critically analyze and understand how local, national, and global conflicts have lasting effects on the contemporary world, and how the development of political organizations are influenced by economic, social ideological, and geographic factors. Students will also understand and assess how political decisions and change are influenced by interactions between individuals, groups and institutions, and how developments in Canadian society can be viewed in diverse ways depending on an individual's or group's worldview or perspective and the interactions between Indigenous and non-Indigenous peoples.

[Back to Current Grade 9's](#)

BC First People/Contemporary Indigenous Studies

Did you know the Government of Canada determines who is legally Indigenous? That the Indian Act is rooted in assimilation and genocide? That reserves and residential schools were created to remove First Nations from their land and to destroy their culture, language, and traditions? Did you know that most Indigenous ancestral lands in BC were taken by the government without the legally required treaty process? Did you know that honoring First Nation's cultures does not include wearing a headdress or a Pocahontas Halloween costume? Did you know that Indigenous Peoples have been resisting colonization and its effects since settlers arrived on these lands today known as Canada?

BC First Peoples/Contemporary Indigenous Studies is also a must for all peoples living in Canada as it is our history and present reality. This course will provide you, who now call Canada home, with the understandings needed to participate in today's process of conciliation/reconciliation as we all work towards fostering healing, understanding, respect, and address the historical and current injustices.

Using inquiry skills, historical thinking, experiential- and place-based learning, Indigenous perspectives and knowledge, and local community and Elder/Knowledge Keeper collaboration, you will gain an understanding about the historical and contemporary foundations of BC and Canada. BC First Peoples/Contemporary Indigenous Studies begins with various aspects of traditional lives of Indigenous Peoples in Canada (First Nations, Inuit, and Métis) and continues through to the present day with an exploration of the impact of European arrival and colonialism on political, social, cultural, and economic aspects of Indigenous lives. The fight for self-governance, self-determination, land rights, and cultural revival are key areas of the course that show how First Peoples challenge and resist Canada's ongoing colonialization.

Through holistic and relational understandings to the land, you will better understand the connectedness and the reciprocal relationship of Indigenous People's sense of place, identities, worldviews, and languages. Indigenous oral histories, rights, and the process of reconciliation/conciliation will be critically addressed. Emphasis will further be placed on various forms of Indigenous cultural values, worldviews, and expressions, particularly through oral tradition, art, and literature. Such a range of mediums will convey the richness, diversity, and resilience of Indigenous Peoples. The roles and responsibilities of settlers as "guests" on these lands will also be examined.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Social Justice

Do you believe in social justice and equality for all human beings? Then Social Justice will provide you with the opportunity to understand how we can move towards a more fully equitable world.

Social Justice will encourage you to become a lifelong advocate for social responsibility and a leader for social change. This course is also a must for those continuing onto any type of post-secondary school (college/university), let alone for being an active citizen. It is highly recommended that students taking Social Justice are mature, independent, hard-working, and have a strong social conscience.

You will begin with examining your own beliefs and values and gain new understandings through critical theoretical perspectives such as intersectionality, feminism, anti-racism, and queer theory. You will realize that individual worldviews shape and inform the understanding of and participation in social issues. The roots of past and present social injustices will be examined and understood.

Topics include, but are not limited to, racism, colourism, homophobia, transphobia, sexism, misogyny, heteronormativity, poverty, disability, human rights, and the role of government, non-governmental organizations, and individuals in society regarding taking actions to realize social justice. You will engage in meaningful discussions and critical inquiry of these pertinent issues. Throughout the course, you will comprehend that social justice initiatives work to transform individuals and systems, how social justice issues are interconnected, and how the causes of social injustices are complex and have lasting impacts on societies.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

20th Century World History

How do the decisions and actions of the past impact the present? Why do people continue to abuse their power over others? How do authoritarian regimes succeed to form governments? Why do we have a responsibility to respond to global injustices? How have human rights movements changed (and continue to change) our world? 20th Century World History will answer all these essential questions and more.

This course is a must for those continuing onto post-secondary of any type as you will gain pertinent skills and knowledge that will help you with the transition to post-secondary school. Using contemporary documentary, historical, and dramatic films, relevant fieldtrips, and symposiums/conferences, 20th Century World History concentrates on the period between 1900 and 2000 while focusing on present-day issues. The course explores a wide range of subjects, from global conflicts, civil wars, revolutions, independence movements, Indigenous rights, genocide, social and cultural developments, to consumerism. To dive into the content, the six historical thinking concepts, inquiry skills, creative thinking, and concept-based learning are utilized.

20th Century World History's aim is to develop your abilities to question the past and to appreciate the contested nature of historical knowledge. The course examines how nationalist movements can unite people in common causes or lead to intense conflict between groups. It also focusses on how the development and proliferation of communication and transportation technologies led to profound changes in personal and national identities. In addition, it investigates the breakdown of imperialist structures and the rise of new political and economic systems.

In short, 20th Century World History will help you understand why the world is the way it is in the 21st Century. It is highly encouraged that students taking this class are mature, independent, hard-working, and have a strong desire to learn.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Law Studies

Law Studies is an academic inquiry course designed to allow all senior students an opportunity to explore the key areas of Canadian law including criminal law, civil law, family law, and Indigenous law. The main units of the course include: Basic Founding Principles of Law; Human and Civil Rights including Indigenous Law and Perspectives; Family Law, Tort/Contract Law; and Criminal Law.

Using these units, students will work to understand Canada's correctional system, legislation concerning children and youth, and structures for global dispute resolutions such as the International Criminal Courts and the International Court of Justice. The structures and powers of the federal and provincial courts, the Constitution of Canada, the Canadian Charter of Rights and Freedoms, and the role of the judiciary are also addressed in Law Studies.

Moreover, students will explore several big ideas including understanding that legal rights and responsibilities allows citizens to participate more fully in society, and that laws can maintain the status quo and can also be a force for change. Students will also comprehend how a society's laws and legal framework affects many aspects of people's daily lives, and develop an understanding that laws are interpreted and these interpretations many evolve over time as a society's values and worldviews change.

Using inquiry and critical thinking skills, Law Studies engages students to ask essential questions, analyze various issues and make reasoned judgements, and communicate their findings and decisions and in various assignments and projects.

[Back to Current Grade 11's](#)

Genocide Studies

How are genocides humanly possible? What choices do people make that allow collective violence to happen? How do people make distinctions between “us” and “them”? Genocide Studies addresses these and other difficult but essential questions through critical discussions, historical thinking, concept-based learning, and inquiry skills. The aim of Genocide Studies is to develop your abilities to assess the credibility and justification of past and current genocides and how the “norms” of society and the actions of individuals and/or groups have significant impacts on genocides. In addition, the goal of the course includes enhancing your skills in making reasoned ethical judgments about actions taken or not taken and to assess the varying macro and micro responses to genocides.

Genocide Studies begins with working to understanding the origins of the term “genocide”, the economic, political, social, and cultural conditions of genocide, the stages and characteristics of genocide, and the strategies used to commit genocide. The course then moves on to comprehend the how genocides are recognized and responded to, what responses are available in regards international law and enforcement, and that the intentional destruction of a peoples and their culture is not inevitable; that attempts of genocide can be disrupted and resisted.

Genocide Studies explores a wide range of genocides from ancient to modern times, including those in the following nations: Cambodia, Tibet, Iran, Armenia, Canada, the USA, the Congo/DRC, Bosnia, Rwanda, Sudan, Sierra Leone, Germany, USSR, Guatemala, East Timor, India, Japan, China, Syria, Myanmar. Contemporary documentary and historical and dramatic films, conferences, symposiums/conferences, and applicable fieldtrips will be utilized to foster deeper knowledge and meaning.

This course is a must for those continuing onto post-secondary school (college/university), let alone for being an active global citizen. It is pertinent that students taking Genocide Studies are mature, independent, hard-working, and have a strong social conscience.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Physical Geography

Why is Physical Geography an exciting course? It helps to explain the natural and human phenomenon that we see in our everyday lives. Essential questions such as these are focused on and discussed: Why is our province prone to a megathrust earthquake? How will this affect us and our immediate environment? Why has the landscapes of North America been shaped the way it has? How do these landscapes affect us and our environment? How are billabongs vital to our ecosystem? Why have Metro Vancouver's weather and climate patterns changed over time? How can we use our natural resources while maintaining a sustainable environment?

To better understand our world, Physical Geography incorporates data from a variety of sources, and works to help you understand the impact natural processes have on the landscape and human settlement. The course also critically identifies how human activities, and our resource-use affects the environment, and interprets how the interactions between humans and the atmosphere impacts local and global weather and climate. Geographical thinking, inquiry, and place-based learning are utilized throughout the course so that you develop critical thinking skills and acquire hands-on experiences. For instance, activities may include a nature walk to Bear Creek Park to examine the four spheres and five themes of Geography; a trip to Burns Bog to discover the importance of an ecosystem that is right in our back yard; or trip to Whistler, with many stops along the way, to understand the importance of the land and its resources to Indigenous Peoples.

Physical Geography focusses on assessing the significance of places by identifying the physical and/or human features that characterize them; these are understood from Indigenous and European-Canadian world views. Key to this course is your ability to make reasoned ethical judgments about controversial actions in the past and/or present, and whether we have a responsibility to respond today in the 21st Century.

Students are encouraged to have had an assessment of a C+ or higher in Social Studies 10 and have the prerequisite study skills.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Human Geography

Is Human Geography the course for you? Human geographers have a special way of looking at the world. When they investigate global phenomenon such as civil wars, they are interested in finding out “how” and “why” of the event. Those who study human geography explore the relationship between humans and our environment from the personal to the global scale. They search for knowledge to help create a more just and equitable world. The aim of this course is to transform you into active, global citizens and help you gain expertise in local knowledge.

The course explores the linkages between cultures and places, cities and globalization, nature and society, and research and methods skills. In regards to the study of place in Human Geography, you will investigate Indigenous understandings, knowledge, and relationships that have evolved out of a close and respectful relationship with nature. You will also engage with geographic tools such as GIS and satellite images and photos to identify physical and human characteristics of various communities. A focus on a diversity of geographical perspectives will allow you to see beyond the Western-centric lens that views some practices by certain cultural groups as unusual (i.e. using moss for diapers). Instead, the course will focus on multiple perspectives and ascertain how such practices often came from a reciprocal and holistic connection the natural environment.

In addition, Human Geography draws conclusions about the variation and distribution of geographic phenomena over time and space by looking at essential questions such as the following: Why do some companies move the manufacturing of certain goods from one country to another? How are these company practices exploitative to humans and the environment? What geographic, political, social, and economic impacts will issues, such as the building of the Keystone Pipeline, have on Indigenous groups and other stakeholders? Why are many people willing to risk their lives on overcrowded boats or by crossing treacherous deserts to start a new life in another country? Why does population composition matter especially in nations with aging populations? How have government schemes of population control, such as China’s One Child Policy, impacted the social, cultural, and demographic composition of a country? How does normalized violence, sexism, and misogyny inform dowry and honour killings in India, Pakistan, and Canada? Why is there a rise of suicides among farmers in India? How does religion influence political conflicts in areas such as the Middle East and Eastern Europe? How does racism and colonialism play into Indigenous Peoples’ segregation in every part of the globe? What would decolonization and reconciliation look like in Canada?

By working through these key questions this course will help you gain the tools to assess the validity of geographical data or images, make reasoned ethical judgments about controversial actions in the past or present, and aid you to determine whether we have a responsibility to respond to inequality and environmental degradation in our world.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Psychology

Have you ever wondered why humans are the way they are?

Psychology serves as an introduction to the field of psychology and is for those students who have a keen interest in the social sciences and behavioral psychology. It will provide you with an understanding of the origin and application of major theories, studies, and discoveries throughout history.

Psychology focusses on a variety of topics including some of the following: how the brain functions, mental health and stress, perception, personality types, altered states of consciousness, learning, memory, and intelligence, human development through the lifespan, motivation and emotion, personality theory, mental illnesses, therapy, and social psychology. Class topics will be introduced through a variety of media, including television shows, movies, research, and experimental case studies. You will discover a great deal about human behavior, and most importantly about yourself.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Black Studies

February 7, 2022 3:39 PM

What were the experiences of Black people in colonial Canada? When was slavery abolished in so-called Canada? What is the historical context of current systems of oppression and anti-Black racism? How can we challenge racial injustice and acknowledge Black identities, resistance, contributions, and excellence? Black Studies 12 provides all students with the opportunity to understand oppressive systems, examine how a diversity of Black peoples affected change in colonial British Columbia and Canada, explore complex contemporary Black identities, and reimagine their place and the futures on these lands. Students will gain a more complete and inclusive understanding of a diversity of Black homelands and the colonial roots of what today is known as Canada through examining social, cultural, political, legal, economic, and environmental systems that have altered Black ways of knowing and lived experiences. The implementation of a diversity of curricular competencies provides students with opportunities for vital class discussions, inquiry projects, readings, films, guest presentations, and educational excursions. Black Studies provides learners with the skills and knowledge to critically question and investigate past and present Black contributions, representation, and acts of resistance on the northern lands of Turtle Island. To enrol in this course, you must have successfully completed Social Studies 10.

Applied Skills Rotation 8

The Applied Skills Rotation is a sampling of four different Applied Skills:

Foods & Nutrition

Learn how to cook simple and delicious dishes at school. Basic cooking and baking techniques and recipes are mixed with vocabulary, safety and nutrition theory. Food labs include cookies, cinnamon twists, pizza, spaghetti and more.

Woodwork

Students will be able to explore the beauty of working with wood. They will be introduced to some simple machines to use as they work on their projects. They will have a choice of a jewelry box or a basketball hoop game. They will also be working in teams to design different projects made of other materials.

Designing and Technology

In this section the students will be able to work in several types of materials. They will be able to work with metal, plastics and wood. The different types of projects that can be done are key fobs, dog tags, CNC name bars just to mention some.

[Back to Current Grade 7s](#)

Robotics and Electronics 9/10

Robotics/Electronics 10 is an energetic and inventive program that provides students with a practical hands-on experience. The course of study includes: • Design Process • Sketching • Measurement, Statistics, and Applied Geometry • Electrical Circuits • Coding/Robotics • CNC Solid Modeling • Consumer Product Innovation • Engineering Ethics • Design Teams.

Robotics/Electronics 10 gives students the opportunity to develop skills and understanding of course concepts through activity, project, and problem-based learning. Used in combination with a team and individual approach, Rob/Electronics 10 challenges students to improve their interpersonal skills, creative abilities and understanding of the design process. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education. The course assumes no previous knowledge, but students should be prepared to apply mathematic and scientific concepts in the solution of engineering design problems as well as use power and non-power tools. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges that increase in difficulty throughout the course. Students will also learn how to document their work, and communicate their solutions to their peers and members of the professional community. Possible projects could include but not limited to: Bridges, Siege Machines, CNC V-Carve, Robotics, Mouse Trap and Mag-Lev Vehicles and Wood Production Challenges.

[Back to Current Grade 8's](#)

[Back to Current Grade 9's](#)

Power Mechanics 9/10

Power Mechanics 9/10 (MTEG-10--S)

A popular course for both female and male students, this hands-on project-based course is geared toward the mechanically inclined student looking for an introduction to automotive systems. Students will learn fundamentals of Two and four-cycle engines and will rebuild a four- cycle engine. Furthermore, oxy-acetylene welding and plasma cutter are introduced. Students will also be involved in transportation problem solving activities and projects associated with a variety of energy and power studies.

[Back to Current Grade 8's](#)

[Back to Current Grade 9's](#)

Automotive Technology 11

Automotive Technology 11 (MAT—11--S)

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

[Back to Current Grade 9's](#)

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Automotive Technology 11: Girls

This course is specifically designed for female students. Students will learn the basics in car maintenance, including oil changes, tune-ups, brakes, tires, exhaust and computer diagnostic testing. Also, part of car care maintenance includes washing and detailing cars. Theory work accounts for about 25% of the semester's work and the rest is all shop. Students are encouraged to work on their own or parent's vehicles when possible. The course starts with the basics in shop safety and tools and moves up from there.

The skills and knowledge acquired in this course will be useful to future courses as well as everyday situations. Students might even choose to become Automotive Technicians, but at least they will know the inside workings of a car and become a car's best friend.

[Back to Current Grade 9's](#)

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Automotive Technology 12

Students can register in one, or all three of these options:

Automotive Technology 12 (MAT--12--S)

This senior level course builds on the basic groundwork laid out in Automotive Technology 11. Theory is taught on an ongoing basis and compliments the emphasis on practical experiences, attitude, and employability skills. During the practical portion of the course, students will work on live jobs along with shop labs.

Auto Tech 12: Engine and Drive Train (MATD-12--S)

This course is to be taken in conjunction with Automotive Technology 12 as a double block. Students in this course will build on existing knowledge as they explore more advanced engine and drivetrain concepts. Students will have an opportunity to explore the use of high-tech equipment used in automotive industry. In addition to routine servicing, emphasis will be placed on diagnosis and trouble-shooting.

Auto Tech 12: Electricity & Electronics (MATE-12--S)

In this course, students will have the opportunity to acquire knowledge of the theory behind electrical and electronic concepts and apply this knowledge in a practical, workshop-based context. Emphasis will be placed on diagnosis, trouble-shooting and repair of circuitry and systems such as fuel injection, electronic ignition and computer-controlled accessories. In addition, students will become familiar with diagnostic equipment such as multi-meters and scan tools.

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Woodwork 9/ 10

Woodwork 9/10

This course is a “hands on” introduction to woodworking processes with emphasis on the development of practical skills, design work and problem solving abilities. Through the projects students will become familiar with the safe use of tools and machines. The teacher-directed projects have been designed to encourage the learning development of students, but many aspects of design is left up to the individual student.

[Back to Current Grade 8's](#)

[Back to Current Grade 9's](#)

Woodwork – Furniture and Cabinetry 12

This allows a student to explore on greater depth different furniture or cabinet ideas. Students will be working with engineered wood products, trying to apply different finishes, and possibly combining other materials with wood to enhance their project. Students will learn how to draw and/or read scaled drawings in order to process the materials to their final designs. The only limitations for this course is the student's imagination, and the equipment we have to work with.

Wood 12

The main objective of this course is to offer an advanced combination of knowledge and "hands on" skills that will build on previous experiences in woodwork. The areas of focus are similar to Wood 11 with the addition of more complex designs and ideas. Students will start using more advanced joinery to assemble their projects. The projects will be selected in agreement with a teacher/student conference.

[Back to Current Grade 8's](#)

[Back to Current Grade 9's](#)

Wood 11 and Wood 12

Wood 11

The main objective of this course is to offer a combination of knowledge and “hands on” skills that will prove valuable over a lifetime as well as opening doors to a variety of career options. The areas of focus will include a blending of safety, measurements, designing, equipment use as well as materials and processes. The emphasis will be on the fabrication of wood related products. Students will apply the acquired skills in the design and construction of teacher/student selected projects.

Wood 12

The main objective of this course is to offer an advanced combination of knowledge and “hands on” skills that will build on previous experiences in woodwork. The areas of focus are similar to Wood 11 with the addition of more complex designs and ideas. Students will start using more advanced joinery to assemble their projects. The projects will be selected in agreement with a teacher/student conference.

[Back to Current Grade 9's](#)

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Carpentry and Joinery 11

The main objective of this course is to offer a combination of knowledge and hands-on skills that will prove valuable over a lifetime as well as opening doors to a variety of career options. The areas of focus will include a blending of safety, measurement, theory books and equipment, and materials and processes with an emphasis on the fabrication of wood-related products. Students will apply the acquired skills in the design and construction of teacher/student selected projects.

[Back to Current Grade 9's](#)

[Back to Current Grade 10's](#)

[Back to Current Grade 11's](#)

Carpentry and Joinery 12

Students can take one or all of the following Carpentry and Joinery options:

Carpentry and Joinery 12 (MCJ--12--S)

The main objective of this course is to offer an advanced combination of knowledge and "hands-on" skills that will build on previous experience in woodwork. The areas of focus will include a blending of safety, measurement, theory, tools and equipment and materials and processes with an emphasis on the fabrication of wood related products. Students will apply the acquired skills in the design and construction of advanced teacher/student selected projects. Post-secondary and career options are explored in the related subject areas.

Carpentry/Joinery 12: Furniture Constr. (MCJF-12--S)

After identifying a variety of wood species and their common applications, students will learn basic furniture construction techniques. Historical and modern furniture styles as well as ergonomics will be utilized in the furniture design. With an effective project work-plan, students will construct a piece of furniture using the acquired skills of machining, joining, and finishing. Students will also be expected to identify and use an appropriate selection of hardware, fasteners, and adhesives in the assembly of the project.

Carpentry/Joinery 12: Cabinet Constr. (MCJC-12--S)

This course combines the areas of furniture construction and cabinet-making with the addition of engineered wood products and composite materials along with solid wood. Students will use specific construction techniques including drawer construction and rail and stile doors in the manufacturing of a variety of cabinets.

Carpentry/Joinery 12: Residential Constr. (MCJR-12--S)

Do you ever wonder how a house is built? This course helps students to appreciate all areas of house construction. There will be a blend of model construction, self-directed written modules, practical demonstrations and videos, and a possible full size garden shed of various designs. Framing such as floors, walls roof, and drywall will be covered. Plumbing, electrical and flooring such as ceramic tile will also be taught. This course is for all interested in owning and maintaining a home without relying on high priced contractor repairs. It is also a must for those interested in applying for the carpentry apprenticeship program.

Successful completion of this course can lead to construction opportunities throughout the lower mainland.

Carpentry/Joinery 12: Woodcraft Products (MCJP-12--S)

This is an artistic course that uses basic woodworking skills with specific hand and machine tools to explore differing avenues of woodcraft. Some areas which may be covered include free form, relief, and Native carving, wood sculpting, woodburning, inlay, and Intarsia. Specific hand and machine tool processes will be employed to fabricate a variety of projects.

[Back to Current Grade 10's](#)
[Back to Current Grade 11's](#)

Skills Explorations

February 8, 2022 12:32 PM

This course is open to students who are interested in the trades. This course will be a sampler of 4 of the 5 following trades sectors, depending on interest and availability:

1. Carpentry
2. Electrical
3. Plumbing
4. Welding
5. Drafting & Design

Skills Exploration is a Ministry Authorized course jointly supported by the Ministry of Education and the Industry Training Authority (ITA). Through participation in this course, students learn trades and technology skills and earn credit towards secondary school graduation. Later, students may decide to pursue an industry training program to become a certified tradesperson (journey person) or a certified technician/technologist.