

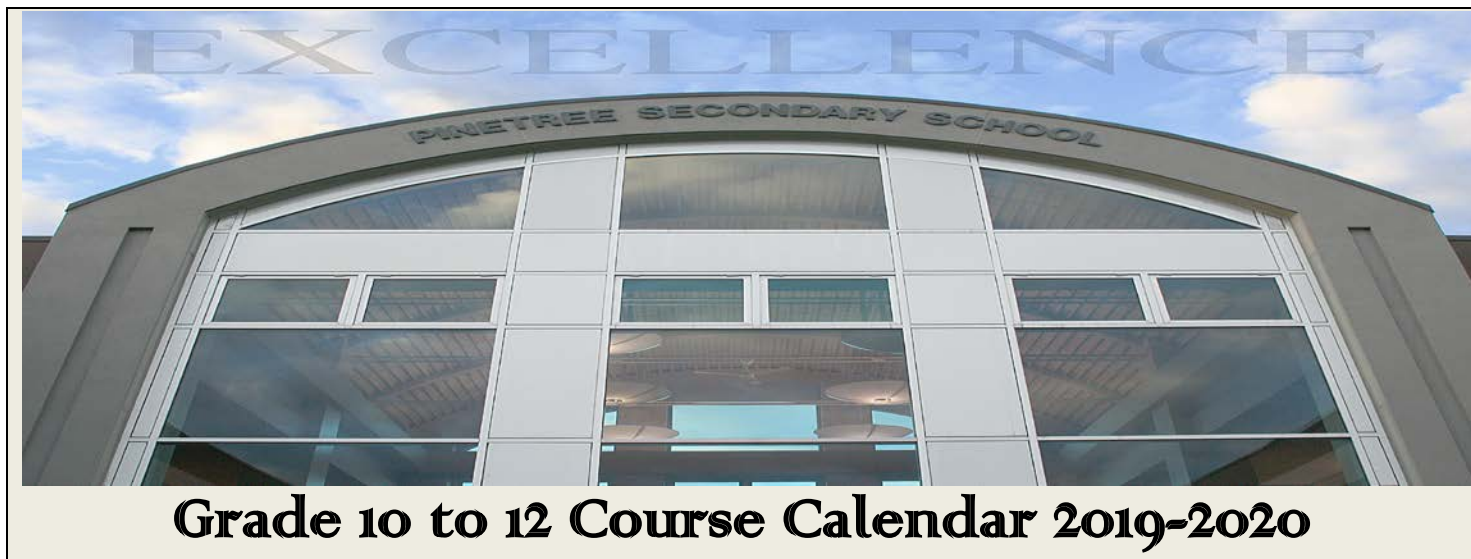
PINETREE SECONDARY SCHOOL

3000 Pinewood Ave., Coquitlam, B. C., Phone: 604-464-2513 Fax: 604-937-8056

Website: www.sd43.bc.ca/school/pinetree/Pages/default.aspx

School Mission Statement

Working with our community, we are dedicated to preparing our students for success in a rapidly changing world by providing a supportive learning environment which recognizes and respects individual differences, encourages students to challenge personal limits and promotes excellence.



Graduation Program

2019 Graduation Program: Eighty (80) credits in Grade 10-12 are required for graduation.

Required Courses - 52 credits, include:

English Language Arts 10	4 credits	English Language Arts 11	4 credits
Mathematics 10	4 credits	Mathematics 11 or 12	4 credits
Physical Education 10	4 credits	Science 11 or 12	4 credits
Career Life Education 10	4 credits	Social Studies 11 or 12	4 credits
Science 10	4 credits	English Language Arts 12	4 credits
Social Studies 10	4 credits	Fine Arts or Applied Skills 10, 11 or 12	

Career Life Connections 12 (not a structured class - completed on own)

Elective Courses, 28 credits include:

In addition to above, another 7 courses of your choice - 28 credits. Minimum of 16 credits at the Grade 12 level including English Language Arts 12

Course Requirements

Grade 10 (8 classes)

English Language Arts 10
Social Studies 10
Career Life Education 10
Science 10
Mathematics 10
Physical Education 10
Two (2) Electives

Grade 11 (8 classes)

English Language Arts 11
Social Studies 11 or 12
Any Science 11
Any Mathematics 11
Four (4) Electives

Grade 12 (8 classes)

English Language Arts 12

Must meet Grad requirement - Career Life Connections 12 will show up on the timetable, but it is not a regular scheduled course. This replaces Grad Transitions and needs to be completed before graduation.

MESSAGE FROM THE ADMINISTRATION

The 2019-2020 Course Calendar Selection guide is a resource to assist students and parents/guardians in navigating the graduation requirements. By using this guide, students and parents/guardians can make informed choices around student interests, educational and career goals and how they relate to a plan for graduation. We are extremely happy to offer a wide range of programs of study at Pinetree Secondary School.

The choices you make using the information in this document will help shape your future. This is an important document as you and your parents chart a path through your high school career. The choices you make in Grade 10 will have an impact on your path through Grade 11 and 12. Please take the time to make informed choices. Listen to the input from your Counsellor and your parents and enjoy the wide range of options that we offer at Pinetree Secondary. Please read through this document carefully as the Ministry of Education has been revising the Grade 10-12 curriculum and graduation requirements. Post-Secondary entrance requirements have also changed. Students and parents need to read this guide carefully and fill out the course selection form carefully with thoughts to future plans.

Disclaimer

The information in this guide has been prepared to give students and their parents or guardians an introduction to the courses offered here at Pinetree and district programs available. The course descriptions that are given are general in nature and do not represent the total content of each course. The descriptions given are designed to guide both students and parents/guardians to the most suitable choices for a complete high school graduation. We make every effort to keep the material in our guide as current as possible but some changes in course offerings and Ministry of Education requirements do occur. Students need to check with their counsellors when questions arise. Students should make certain that their short term and long-term plans are discussed with their counsellor and with their parents/guardians. Students need to make appropriate decisions regarding their course selections. Both staffing and the school's timetable are based on the course selections of students. Students and parents/guardians need to understand that choices around course selection are considered a **10-month commitment**. Students and parents also need to understand that once a course has started it is very difficult for a student to drop it. (**Dropping a course because of a mark that the student is not happy with will not happen**). While we always work to help students with course requests there are limits and often changes cannot be accommodated. Pinetree Secondary has a process for students to verify their course selection choices and then to ask for changes in June. Once the 2019-2020 school year starts in September there is very little ability to make course changes.

Jeremy Clarke
Principal

Dave Phelan
Vice Principal

Beth Applewhite
Vice Principal

Judy Payne
Vice Principal

SCHOOL ORGANIZATION

Pinetree Secondary enrolls students in Grades 9 – 12. Most courses are semestered. More detailed information about our school organization and school opening procedures will be sent home prior to the start of school.

Principal - Mr. J. Clarke	
Vice Principal - Mr. D. Phelan	Student Load - A-J
Vice Principal - Ms. J. Payne	Student Load - K-P
Vice Principal - Ms. B. Applewhite	Student Load - Q-Z

SCHOOL YEAR

The school year runs from September to June. Our school year is divided into two semesters - Fall (Sept to Jan) and Spring (Feb to June).

SCHOOL DAY

At Pinetree Secondary School most courses are semestered and take place between 8:00 a.m. and 3:30 p.m. Some classes do occur outside this schedule, either before or after the regular day. There is a common lunch for all students to allow for a chance to relax, socialize and eat lunch.

ATTENDANCE

Regular attendance and being on time for class are requirements for every course. Parents of students who are absent because of illness or some other circumstance are asked to notify the school at 604-464-2513 as early as possible in the morning of the absence.

REPORTING

At Pinetree Secondary, reporting is done three times per semester. The first informal report card generally identifies trends in the student's progress and should be regarded as an important part of our reporting system. The second and third reports will include letter grades, comments, and attendance.

STUDENT TIMETABLES

Students are assigned to classes with the assistance of a computer. Students must pick their courses wisely.

Changing courses for 2019 to 2020 will be difficult or impossible.

PACK GROUPS

PACK groups are small groups of students that are linked with a teacher advisor. One of the main purposes of the groups is to help students develop a sense of belonging and to provide support from their peers and a teacher/mentor at Pinetree. The support and mentoring created between students and teacher advisors can be instrumental in helping students feel valued and successful as they work towards developing and pursuing goals and graduating from Pinetree Secondary School.

MANDATORY PROVINCIAL EXAMINATIONS offered at PINETREE

Literacy and Numeracy Assessment

Examinations will be administered in January and June of each year at Pinetree Secondary. The exact dates and times of the various exams can be viewed at the Ministry of Education's website: www.bced.gov.bc.ca/exams.

ACHIEVEMENT

A 86% - 100%	Excellent 4.0
B 73% - 85%	Very Good 3.0
C+ 67% - 72%	Good 2.5
C 60% - 66%	Satisfactory 2.0
C- 50% - 59%	Minimally Satisfactory 1.0
I/F Less than 50%	In Progress / Fail 0.0

FINANCIAL OPPORTUNITIES GUIDE

Any Grade 12 students interested in exploring financial opportunities (scholarships, grants, bursaries, etc.) are invited to attend the informational sessions regarding applications for awards and financial aid for post-secondary education. Please see your counsellor for more information.

Note: A great deal of money goes unclaimed each year because students fail to apply!

COUNSELLING SERVICES

The counsellor's role can be divided into four major areas: counselling, consultation, coordination and education. Our goal is to provide a balanced counselling service that encompasses all four areas.

Students are assigned to counsellors alphabetically based on their last name; however they are free to see any counsellor should they so desire, for personal reasons. Parents who would like information regarding their son's or daughter's progress or attendance are encouraged to contact their counsellor at Pinetree.

Services offered by the Counselling Department:

- Assistance with program and course selection
- Solving academic difficulties and problems in arranging for tutorial assistance, and in improving study skills
- Providing information about the school and its functioning and orientation
- Providing information on post-secondary training and registration (universities, regional colleges, vocational schools, technology institutes, apprenticeship programs, etc.), and on transition to such training
- Providing information on Vocational and Career Planning, family life, intellectual skills (learning styles, learning disabilities, study skills), relationships, child/sexual abuse, substance abuse, mental well-being and healthy living
- Discussion of personal problems and assistance in making their own personal decisions
- Support in crisis situations and referral to community agencies (mental health, counselling, public health, Ministry of Children and Families, etc.)

COUNSELLORS

Students are assigned to counsellors alphabetically by last name:

Ms. Dhillon **A-B Q-W, Z** mdhillon@sd43.bc.ca
Ms. Hamilton **C, Lee-N, P** lhamilton@sd43.bc.ca
Mr. Zenone **International** (exc. Weds) gzenone@sd43.bc.ca

Ms. Bereczki **D-Le, O, X-Y** hbereczki@sd43.bc.ca
Ms. Jagpal **International** (Weds.) sjagpal@sd43.bc.ca

Students wishing to see a counsellor should go directly to the counsellor's office. If parents have any questions concerning the program, progress or attendance of a student, they should contact the counsellor. It is best to contact via email.

CAREER RESOURCES

Ms. Moorhouse – Post-Secondary & Career Advisor - cmoorhouse@sd43.bc.ca

YOUTH WORKERS

Ms. Nicola Cridge -Youth Worker ncridge@sd43.bc.ca Ms. Walraven - Immigrant Youth Worker awalraven@sd43.bc.ca
Ms. Xie – Chinese Youth worker yxie@sd43.bc.ca (Wed & Thurs.) Ms. Jeong - Korean Youth Worker – ajeong@sd43.bc.ca (Tues)

PINETREE LIBRARY

The Pinetree school library is a bright, open and comfortable space filled with students most of the day. The school library focuses on school curriculum and the needs of its students and staff. A teacher-librarian works with teachers to design assignments which challenge students to develop their literacy and critical thinking skills. Students visit the library with a class or as individuals to complete homework, work on group projects or to get one-on-one help from the library staff.

A major goal of the library is to promote recreational reading. Novels are specially selected for all students, from those just beginning to read to those who are mature readers.

Hours: The library is open before school, at lunch and after school.

Staff: One full-time and one part-time Teacher-Librarian, and one library assistant

Resources: Research books, novels, magazines, newspapers, online databases, Internet

Seating: 100

Computers: Online catalogue; 15 search stations, 24 laptops, and four i-pads

Computer lab: Adjacent room (30 stations)

ADVANCED PLACEMENT PROGRAM

The pursuit of excellence is the foremost goal of Pinetree Secondary. The Advanced Placement program (AP) offers academic challenge in various course areas to senior students. It can provide advance credit or standing in certain first year university courses in selected universities in North America. Advanced Placement is a low-cost method to allow students to experience the challenging work of first year university courses.

Students in Advanced Placement write the AP examination in May of each year. The results of the examination are used to determine Advanced Placement status at university and college. The categories for grading are:

- extremely well qualified
- well qualified
- qualified
- possibly qualified
- no recommendation

Students may choose to write any of the following:

AP Biology	AP Calculus AB	AP Chemistry
AP Economics	AP English Literature	AP English Language
AP Physics	AP European History	

COURSE EQUIVALENCY

Course equivalency is the process of receiving credit based on documentation indicating that the student has achieved the learning outcomes for an approved Grade 10, 11 or 12 course at an outside institution.

Conditions:

- Student must provide documentation of successful completion of course
- Course must match a minimum of 80% of the prescribed learning outcomes as described in the IRP document
- Course must be taken outside the regular BC school system
- Course satisfies different learning outcomes other than those for which the student has already received credit.

Note: Students who have been educated in one of six languages other than English (French, German, Japanese, Punjabi, Spanish or Mandarin) and who have successfully completed one or more years of junior secondary education outside of Canada, usually have met or exceeded the learning outcomes of BC's second language course.

EXTERNAL COURSES

www.bced.gov.bc.ca/graduation/crsinfo/contents.htm

The Ministry will accept external courses, an organized set of learning activities developed or offered outside the British Columbia School System, as a Ministry authorized course. For more detailed information, students should contact their Pinetree counsellor. Some courses that may be of an equivalent standard to other Ministry authorized senior secondary courses include:

Music: BC Conservatory of Music, Conservatory Canada, Royal Conservatory

Music: Victoria Conservatory Music, Trinity College-London

Dance: Jazz, Cecchetti, Tap, Modern Theatre Dance, Royal Academy of Dancing

Post-Secondary: Various college and university courses.

Languages: challenge, equivalency and external language credit

Sports: Athlete, Coach, Official

Youth Development: Cadets, 4-H, Guides, Scouts

Industrial and Occupational: Tourism, Wood Products, Lifesaving, Red Cross Water

Safety Instructor, First Aid, Computer Certification, Canadian Private Pilot's License

LEARNING SERVICES

Learning Services Support Teachers develop IEPs (Individual Education Plans) for students with diagnosed learning challenges and are part of the support network collaborating to determine the best course of action for adaptations and/or modifications to school work and tests. Rather than scheduled support blocks in the Learning Centre, Learning Services Teachers and subject area specialists provide in-class support to targeted classes (in particular Grade 9 and 10 academic classes) in an effort to reach as many students as possible.

Developing self-advocacy skills is an important goal for all students. All students are strongly encouraged to attend tutorials offered by their classroom teachers when further clarification and assistance is needed. In addition to in-class support and class tutorials, students of all abilities can seek assistance in the Learning Centre during lunch and after school on most days. Due to the number of students seeking out support, one-on-one instruction during drop-in times is not guaranteed.

While the Learning Centre is not staffed for drop-in support or as a place to work during student off blocks, the library and multi-purpose room are open all day as areas to complete work.

ATHLETICS

Pinetree Athletics offers interested students the opportunity to achieve a high level of excellence in a sport. Our programs promote cooperation, responsibility, commitment, leadership, and sportsmanship. Activities may include:

Badminton	Basketball	Cross-Country	Volleyball
Golf	Ski & Snowboard	Wrestling	Mountain Biking
Soccer	Tennis	Track & Field	

INTRAMURALS Intramural Sports will operate every lunch hour. Students sign up for fun focused team events or simply drop by for open gym activities and social connections. Games may include:

Soccer
Handball
Dodgeball
Floor hockey
Table tennis
Open gym activities

CLUBS

The broad spectrum of clubs at Pinetree is based on student interest and staff sponsorship. Students are encouraged to become involved in their school. Participation in activities outside the classroom make students' school experience more enjoyable and rewarding.

<i>Acapella</i>	<i>Gardening Club</i>	<i>Operation Smile</i>
<i>Alpha Wolves</i>	<i>Hip Hop Club</i>	<i>Orchestra Club</i>
<i>Barnet Leo</i>	<i>Hope For Tomorrow</i>	<i>Pinetree Post</i>
<i>Business Club</i>	<i>Hot Potato Initiative</i>	<i>Recycling Club</i>
<i>Charity Brighthouse</i>	<i>HYPE (Humanitarian Youth with a Purpose)</i>	<i>Social Diversity for Children</i>
<i>Chess Club</i>	<i>Indian Umbrella</i>	<i>SPCA Club</i>
<i>Christian Club (Club 180)</i>	<i>Key Club</i>	<i>Spectrum (GSA)</i>
<i>Code Orange - Pinetree Improv Theatre Club</i>	<i>KidSport</i>	<i>Table Tennis Club</i>
<i>Coding Club</i>	<i>Languages Club</i>	<i>Tutoring Club</i>
<i>Community Club</i>	<i>Literature Club</i>	<i>UNICEF</i>
<i>Environment Club</i>	<i>LY'NC</i>	<i>Wish Youth Network Society</i>
<i>E-Sports Club</i>	<i>Math Club</i>	
<i>First Aid Club</i>	<i>Me to We</i>	
<i>Game Creation Club</i>	<i>MUN/Debate Club</i>	
	<i>Music Council</i>	
	<i>Neuroscience Club</i>	

ART

Art Studio 11 (Art Foundations 11) (FA)
Art Studio 12 (Art Foundations 12) (FA)
Art Independent Studies
Studio Arts 2D 11(Drawing & Painting 11) (FA)
Studio Arts 2D 12 (Drawing & Painting 12) (FA)
IDS Drawing & Painting
Photography 11 (FA)
Photography 12 (FA)
IDS Photography 12
Desktop Publishing 11(BA) - Yearbook
Desktop Publishing 12(BA) - Yearbook
IDS Desktop Publishing
Graphic Arts 11 (FA)
Graphic Arts 12 (FA)
IDS Graphic Design
Film & Television 11 (FA)
Film & Television 12 (FA)
IDS Film

BUSINESS EDUCATION

Accounting 11 (AS)
Accounting 12 (AS)
Business Computer Applications 12 (AS)
Economics 12 Advanced Placement –
Microeconomics
Economics 12 Advanced Placement –
Macroeconomics
Economics 12 (AS)
Marketing and Promotion 11 (AS)
Ecommerce 12 (Marketing 12) (AS)
Entrepreneurship 12 (AS)

CAREER PROGRAMS

Career Life Education 10
Career Life Connections 12 and Capstone
Project (formerly GT)
Work Experience 12

DRAMA

Drama 11 (Theatre Performance 11: Acting) (FA)
Drama 12 (Theatre Performance 12: Acting) (FA)
Musical Theatre 11/12 (FA)
Directing/Script Development 11 (FA)
Directing/Script Development 12 (FA)
Theatre Production 11/12 (FA)
Dance 11/12 (FA)

ENGLISH

Year 10

Focused Literary Studies & Creative Writing 10
Focused Literary Studies & Composition 10
Focused Literary Studies & New Media 10
English First Peoples Literary Studies and
Writing 10
Focused Literary Studies Honours and
Composition 10 Honours

Year 11

Literary Studies 11 Honours and Composition
11 Honours/Advanced Placement 11
Creative Writing 11
Literary Studies 11
Composition 11
English First Peoples: Literary Studies and
Spoken Language 11

Year 12

English Studies 12 – Eligible for Graduation
English First Peoples 12 – Eligible for
Graduation

English Studies 12 Honours and Literary
Studies 12 Honours/Advanced Placement –
Eligible for Graduation
Elective Year 12 Offerings in English:
Composition 12
Literary Studies 12
Spoken Language 12
New Media 12

EAL

Academic Strategies for Language Learners
English Language Development 10
English Language Development 11
Introduction to Academic Language 10

HOME ECONOMICS

Food Studies 11(AS)
Culinary Arts International 11(AS)
Food Studies 12 (AS)
Textiles 11(AS)
Textiles 12 (AS)
Psychology 12 (BA)
Child Development and Caregiving 12

INFORMATION TECHNOLOGY

Media Design 11(AS)
Media Design 12 (AS)
Computer Information Systems 11 (AS)
Computer Information Systems 12 (AS)
Computer Programming 11 (AS)
Computer Programming 12 (AS)

INTERDISCIPLINARY

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

LANGUAGES

French 10
French 11
French 12
Japanese 10
Introductory Japanese 11
Japanese 11
Japanese 12
Mandarin 10
Mandarin 11
Mandarin 12
Spanish 10
Introductory Spanish 11
Spanish 11
Spanish 12

MATHEMATICS

Workplace Math 10
Foundations of Math & Pre-Calculus 10
Pre-Calculus 10/11 (H)
Workplace Math 11
Foundations of Math 11 (Bridge)
Pre-Calculus Mathematics 11
Pre-Calculus 12 (H)/Calculus 12 (H)
Calculus 12
IDS Math

MUSIC

Choral Music 10, 11, 12 (Concert Choir)
Choral Music 10, 11 12 (Vocal Jazz)
Instrumental Music 10, 11, 12 (Concert
Band)
Instrumental Music 10, 11, 12 (Jazz Band)
Musical Theatre 10, 11, 12 (Orchestra)

Composition & Production 11 (Electronic) -
Introductory
Composition & Production 12 (Electronic) –
Advanced
Instrumental Music 11 (Guitar 11)
Instrumental Music 12 (Guitar 12)
Independent Directed Studies: Music

PHYSICAL EDUCATION

Physical and Health Education 9
Physical and Health Education 10
Physical and Health Education 11
Physical and Health Education 12
Fitness 11
Fitness 11 (For Young Women) (BA)
Fitness 12 (For Young Women)
Fitness 12 (BA)
Volleyball Fitness 11/12
Basketball Fitness 11/12

SCIENCE

Science 10
Science 10 (H)
Life Sciences (Biology) 11
Life Sciences (Biology) 11 (H)
Life Sciences (Biology) 12
Biology 12 (H)/AP
Chemistry 11
Chemistry 11 (H)
Chemistry 12
Chemistry 12 (H)/AP
Geology 12
Earth Sciences 11
Physics 11
Physics 11 (H)
Physics 12
Physics 12 (H)/AP
Science for Citizens 11
IDS Science

SOCIAL STUDIES

Social Studies 10
Socials 10 (H)
Comparative Cultures 12
BC First Peoples 12
Physical Geography 12
20th Century History 12
Law Studies 12
Social Justice 12

TECHNOLOGY EDUCATION

Woodwork 11 (Carpentry & Joinery 11) (AS)
Woodwork 12 (Carpentry & Joinery 12) (AS)
Furniture and Cabinetry 12 (AS)
Drafting 11(AS)
Drafting 12(AS)
IDS Drafting 12- Advanced Independent Study
Automotive Technology 11 (AS)
Automotive Technology 12 (AS)
Automotive Maintenance 11
Automotive Technology Engine & Drive Train
12 (AS)
Electronics 11 (AS)
Electronics 12 (AS)
Metalwork 11 (Metal Fabrication & Machining
12) (AS)
Art Metal & Jewellery 12 (AS)

(H) – Honours
(AS) – Applied Skill Credit

(BA) – Board Authorized Course
IDS – Independent Directed Studies (permission of teacher required to enroll)

(FA) – Fine Arts Credit

ART

The Visual Arts Program at Pinetree Secondary is designed to provide students with opportunities to explore a variety of creative techniques and processes. Each of the courses outlined below cover a broad range of educational goals while introducing students to potential post-secondary and employment options in the Visual Arts.

ART STUDIO 11 (ART FOUNDATIONS 11)

This course is for two kinds of students: those who are taking art for the first time AND those who want to continue with their exploration of two- and three-dimensional art. For students who are taking art for the first time, Art 11 Foundations is a fun and interesting class where you can explore the creative potential of drawing, painting, collage and mixed media, printmaking, papier-mâché construction, and a variety of other media. For those who have taken art previously, this course will provide an opportunity to continue with the development of their creative and technical skills. Open to Grade 10, 11, 12. (FA)

ART STUDIO 12 (ART FOUNDATIONS 12)

This course provides students with the opportunity to continue exploring the potential of two- and three-dimensional art. In addition to projects that build on previous art experience, students will also have opportunity to identify and pursue individualized paths of artistic exploration. Open to Grade 11, 12. (FA)

STUDIO ARTS 2D 11 (DRAWING/PAINTING 11)

This course will be of interest to those students who wish to explore drawing and painting as a focused medium of creativity and expression. Projects will include work with pencil, charcoal, conte, pastel, pen and ink, tempera, and other experimental and mixed media. From the projects planned, students will have opportunity to develop traditional drawing and painting techniques, as well as those that are more experimental. Open to Grade 10, 11, 12. (FA)

STUDIO ARTS 2D 12 (DRAWING/PAINTING 12)

This course offers students the opportunity to explore drawing, painting, and mixed media works through a variety of thematic projects. With varying degrees of direction from the instructor, students will be able to work on individual projects of their own choosing. Open to Grade 11, 12. (FA)

GRAPHIC ARTS 11

Purpose: to introduce students to commercial graphic design.

Technical: Computer – Photoshop, Illustrator, printing, scanning, digital photo manipulation, tradigital (cross-over between traditional art making and digital). Drawing – perspective, line work, rendering.

Also, students will learn colour theory, composition, and the other “Elements and Principles of Design.”

Practical: projects change every year. One half of the course is electronic and one half is traditional mediums (pen ink, pencils, printmaking, etc.).

Final Note: Students should exit with the ability to read and communicate visually. (FA)

GRAPHIC ARTS 12

Pre-requisite: Graphic Arts 11 or previous graphics or computer experience, subject to review.

Purpose: students will be given the opportunity to pursue individual aspects of commercial design.

Technical: will depend on the student’s goals. Computer: Advanced Photoshop, Illustrator, digital portfolio creation, in-Design, and multiprogram projects. Drawing: advanced layering, colouring, and methods for professional level output.

Practical: students will be able to create projects of their own choosing, as well as creating some projects that are important in a portfolio.

Final Note: Students exiting Graphic Arts 12 will exit with a professional level portfolio. (FA)

PHOTOGRAPHY 11

Photo 11 is both an introductory AND intermediate course. It is for students who either have never taken a photography course before OR for those who have had some introduction to photography and wish to continue with their exploration of the medium. Working with traditional film and digital cameras - including your cellphone camera - this course offers students the opportunity to learn about traditional and experimental photographic processes. This is a great course for students who are considering taking Graphic Arts or who want to be involved with production of the yearbook (Desktop Publishing). Open to Grade 10, 11, 12. (FA)

PHOTOGRAPHY 12

This course builds on the experience of previous photo classes. Using a DSLR camera (furnished by the Art Department), students in this course will explore a variety of approaches to photography. While some of the projects offered in this course vary from year to year, students will have the opportunity to experiment with photo-journalism, documentary photography, fine art photography, studio photography, and more. Open to Grade 11, 12. (FA)

INDEPENDENT STUDIES (IDS)

Independent Studies (IDS) is intended for students who wish to gain further experience within a specific area of the Visual Arts. Students who have taken both a Grade 11 and Grade 12 course within a specific area of the Visual Arts (ie, Art Foundations, Drawing/Painting, Graphic Arts, Photography) may, with permission of an instructor, take an IDS course. With guidance from the instructor, students will formulate their own projects and will be expected to demonstrate a high level of commitment and the ability to work independently. This course is ideal for students who want to further develop their portfolio and/or wish to explore post-secondary art education and training opportunities. Upon approval of the instructor, this course is open to Grade 11, 12. Grade 11, 12. (FA)

DESKTOP PUBLISHING 11 (YEARBOOK)

Purpose: to create the school yearbook.

Technical: digital photography, photo manipulation software (Photoshop), and page layout software (InDesign).

Practical: to learn layout design and composition, as well as how to take quality digital photos.

Final Note: This course demands that students are hardworking and mature. Students in this course are responsible for meeting deadlines without errors. (FA)

DESKTOP PUBLISHING 12 (YEARBOOK)

Purpose: to create the school yearbook.

Technical: advanced levels of software, as well as file management and shipping procedures.

Practical: organize DTP11 students, organize the book, and create many of the templates.

Final Note: This course is for everyone who enjoyed Desktop Publishing 11. It demands a high level of commitment and computer skills.

DESKTOP PUBLISHING INDEPENDENT STUDIES (IDS)

Purpose: to create the school yearbook.

Technical: students can choose to focus on advance levels of software, file management, advertising, publishing, training, or team management.

Practical: the student will do in-depth tasks on the technical focus they have chosen.

Final Note: This course is for students who enjoyed Desktop Publishing 11 and 12.

FILM & TELEVISION 11

An introduction to broadcast television, film and digital editing.

Learn the proper use of equipment such as microphones, cameras, teleprompter, computers, lighting and an introduction to digital editing. Students will also learn to story-board, follow broadcast procedures, compose the image in a frame, as well as a brief history of film. (FA)

FILM & TELEVISION 12

A deeper look at filmmaking and storytelling. Choose to be a producer for broadcast Pinetree TV.

Learn all production phases of digital filmmaking, editing software, Photoshop, advanced techniques such as green/blue – screening, motion graphics. Students will learn how to write and format a movie script, story-board, advanced camera techniques and composition, advanced editing techniques. (FA)

FILM (IDS)

Pre-requisite: Film and Television 12

Students will be given the opportunity to pursue individual aspects of film. Students will be able to create projects of their own choosing, as well as creating work for a portfolio.

(FA)

BUSINESS EDUCATION

ACCOUNTING 11

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

ACCOUNTING 12 *Pre-requisite: Accounting 11

Get a job as an accounting clerk and make money on the stock market! Using industry standard software (SAGE 50 Accounting), students set up an automated accounting system, analyze and solve accounting problems and generate accounting reports. Students will also analyze and compare the financial statements of companies on the stock market for the purpose of investment. This course is ideal for students seeking employment in accounting or pursuing a business program at the post-secondary level. (AS)

MARKETING 11

Want to be successful? . . . Learn to market and sell!!!

The retailing focus of this course will lend itself to creative, practical, and activity-based projects. Through a variety of opportunities, students are exposed to the latest trends in retail marketing. The final marketing plan will allow students to express their own creativity while applying advanced marketing concepts. This course is ideal for students seeking employment in sales and marketing or pursuing a business program at the post-secondary level. (AS)

E-COMMERCE 12 (formerly Marketing 12) Pre-requisite: Marketing 11

E-commerce takes the Marketing 11 brick and mortar retail sales course and the formerly known Marketing 12 to the next level! More specifically, this course covers advanced marketing concepts for local and global e-commerce as well as cyber marketing. Students will also be given the opportunity to improve their interpersonal and presentation skills which is a must for success at university and the business world! This course is for anyone pursuing a business program at post-secondary. (AS)

ECONOMICS 12

This introduction to economics includes the study of economic principles such as supply and demand, national output, consumption, economic and financial systems, role of government, fiscal policy, interest rates, inflation and international trade. Students may compete in a business simulation game and learn the breadth of the investing realm. This is an ideal course for students pursuing post secondary education in Commerce, Business Administration or Social Studies. This course is recognized by both SFU and UBC as a Grade 12 academic course for admissions. (AS)

ENTREPRENEURSHIP 12

Make money...manage others...be your own boss! Do you have what it takes to run your own business? Get started on that new business idea before graduation! Learn by finding out what other successful young entrepreneurs have to say. Students will study the traits and attitudes of successful entrepreneurs, as well as examine a business plan for a product or service of their choice. Areas of instruction include identifying profitable opportunities, developing sales and expense forecasts, acquiring financing, and promoting ideas. This course is ideal for students who want to run their own business or pursue business programs at post-secondary. Entrepreneurship 12 students will host Pinetree's Business Fair and participate in a Dragon's Den style business pitch as a part of their final projects. (AS)

TOURISM 12

Learn about and participate in one of BC's biggest industries: tourism. Students will learn about tourism and hospitality services across multiple sectors including: hotel management, event planning and the cruise line industry. They will also improve their interpersonal skills together with their presentation skills, both of which are a must for the business world and university. This course is invaluable for the resume! (AS)

BUSINESS COMMUNICATIONS 11

This course is a practical introduction to business software programs used in industry. Students will gain skills in keyboarding, word processing, spreadsheets, databases and graphics. Upon completion of this course, students will feel confident in their use of the computer for personal, business and post-secondary needs. (AS)

ADVANCED PLACEMENT – MICROECONOMICS

AP Microeconomics is an introductory college-level course that focuses on the principles of economics that apply to the functions of *individual economic decision-makers*. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. This course is for students who enjoy economics or business and want to challenge themselves to a higher level of understanding than Economics 12 offers. It is also appropriate for those who wish to get a head start on their post-secondary education. Students may choose to write the optional AP exam, which is offered in early May. Upon completion, students will receive credit for both Economics 12 and Economics 12AP (8 credits in total).

ADVANCED PLACEMENT- MACROECONOMICS

AP Macroeconomics is an introductory college-level course that focuses on the principles that **apply to an economic system as a whole**. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. This course is for students who enjoy economics or business and want to challenge themselves to a higher level of understanding than Economics 12 offers. It is also appropriate for those who wish to get a head start on their post-secondary education. Students may choose to write the optional AP exam, which is offered in early May. Upon completion, students will receive credit for both Economics 12 and Economics 12AP (8 credits in total).

CAREER LIFE EDUCATION

PATHWAYS TO GRADUATION

Career Education in the 2018 Graduation Program encourages students to pursue their career-life development journey in personally meaningful and goal-oriented ways. In **Career-Life Education 10 (CLE)** and **Career-Life Connections 12 (CLC)**, students learn how to effectively manage their life journey toward preferred future possibilities, developing the confidence, knowledge, and competencies necessary to succeed in an ever-changing world. Four credits per course are dedicated to this area of learning and are a requirement for graduation.

CAPSTONE

The capstone is a requirement for Career-Life Connections and for graduation. The purpose of the Capstone is for students to demonstrate the knowledge, competencies, and passion(s) that they can offer the world, as they integrate personal interests and strengths with preferred future possibilities. The Capstone includes two stages: preparation and process, during which time students critically reflect upon and assess their learning journey; and the Capstone product, in which students design, assemble and present their Capstone. Students are supported in this process throughout their secondary years by the structure of the Career-Life Education and Career-Life Connections courses, as well as a teacher-mentor in their final year.

DRAMA

Pinetree Secondary offers a comprehensive theatre program that ensures student actors will have the opportunity to develop high level acting skills and production expertise within a diverse range of performance styles and experiences. The Theatre Program (Treehouse Theatre) is an inclusive program and provides opportunities for performers at all experience levels to learn and develop their skills and knowledge in a safe, creative environment.

DRAMA 11 (THEATRE PERFORMANCE 11: Acting)

Pre-requisite: *Drama 9, Performing Arts 9, Musical Theatre 11, Technical Theatre, Instructor Permission*

Acting 11 is a performance-based course designed to allow actors to develop autonomy in their acting process through performance. These actors will explore and create dramatic works; develop a repertoire of dramatic skills and techniques; purposefully select and combining dramatic elements and conventions; and be continually engaged in rehearsal or performance of a variety of shows, for a variety of audiences, including each other. Significant emphasis will be placed on the student's level of commitment in the class productions. (FA)

DRAMA 12 (THEATRE PERFORMANCE 12: Acting)

Pre-requisite: *Drama 9, Performing Arts 9, or Theatre Performance 11*

Acting 12 prepares the acting student for further experiences at college or university level. Students will gain further experience in script analysis and scene work while developing stronger acting skills and deeper self-awareness. The actors will continue to explore and create dramatic works; develop a repertoire of dramatic skills and techniques, purposefully selecting and combining dramatic elements and conventions. Significant emphasis will be placed on performances throughout the semester and on diverse theatre styles. (FA)

DRAMA: MUSICAL THEATRE 11/12

Pre-requisite: *For Grade 11 and 12 students, auditions Spring 2019. For Grade 10 students, Performing Arts 9, permission of the instructor, plus audition.*

This busy course is a fast-paced introduction to rehearsing, producing and performing in the Broadway musical style, and this group of performers will make up the backbone of the Spring musical at Pinetree, open to the general public. Students will explore and create musical theatre, rehearsing, refining, and performing while learning and practicing singing, dancing and acting skills. They are expected to demonstrate enthusiasm for and effort in all three areas, regardless of experience. Students will also establish individual performance goals and identify and provide constructive feedback to refine performances. Students will also work on some technical skills to support the production. Some instrumentalists (especially piano) will be needed for this course (see teacher for permission). This course is designed for performance enthusiasts and cooperative learners and will likely involve after-school rehearsals in addition to classroom work. (FA)

DIRECTING & SCRIPT DEVELOPMENT 11/12

This course is designed around writing, directing, and/or producing scenes and one act play. Students will explore, create and refine dramatic works, exploring ideas, emotions, and perspectives. Students will study plays, work on script writing techniques and direct their own scenes, demonstrating innovation and creativity through scriptwriting and/or directing. This course is an excellent opportunity to develop leadership skills while exploring a whole new area of theatrical experience. Course runs alongside Performing Arts 9. See instructor for permission. (FA)

THEATRE PRODUCTION 11/THEATRE PRODUCTION 12

These self-motivated courses are designed to develop skills in backstage theatre, including set design and construction, theatre background, colour, scene painting, properties, lighting and management. Students will plan and create aspects of theatre production collaboratively and individually, using imagination, observation, and inquiry. The course will involve the use of equipment, both manual and power, and will involve physical activities. Students will be expected to be involved in the various theatre productions presented throughout the semester. (FA)

DANCE 11/12

This program is focused on exploring, creating, and performing physical movement, choreography and performance through a variety of dance forms and styles, in large group, small group, and solo contexts. Students will experiment with dance elements, principles, and techniques; students should expect a combination of high-level physical activity along with studying the development of dance and its role in culture and society. (FA)

ENGLISH

YEAR 10 ENGLISH LANGUAGE ARTS

All students will take this course:

LITERARY STUDIES 10

Students will have opportunity to study literature of a particular era, geographic area, theme, or and will study of literature in general. The course allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media.

All Students will choose one of the following and one alternate:

CREATIVE WRITING 10

This course is for students who have an interest in creative expression through language.

Students will build their writing skills through the exploration of identity, memory, and story in a range of genres. Students will work independently and collaboratively to develop their skills through writing and design processes. This course is intentionally grounded in the sampling of writing processes, inviting students to express themselves creatively as they experiment with, reflect on, and practice their writing. For students who enjoy writing, who contemplate writing as a career, or who consider pursuing English studies in a post-secondary setting, this course is an excellent choice.

COMPOSITION 10

In this course, students will explore, sample, critique and produce written communications; they will work individually and collaboratively to create coherent, purposeful compositions. They will read and study compositions by other writers and consider a variety of styles as models for the development of their own writing. Students will build writing competencies by studying varied structures, forms, and styles of compositions.

Students will have opportunities to individually and collaboratively study, create, and write original pieces, exploring audience and purpose. They will develop their craft through processes of drafting, reflecting, and revising. For students who may need English support, particularly in writing, and who are considering post-secondary studies, this course is ideal.

NEW MEDIA 10

Digital literacy is an essential characteristic of a modern day educated citizen; therefore, this course will provide students with skills - both meta-cognitive and practicable – that are vital for success in tomorrow's world of increasingly complex digital world.

Students will study the changing role and impact of technology in society and the increasing importance of digital media in the exchange of ideas, whether locally or globally. This course is intended to allow students and educators the flexibility to develop a program of study centred on students' interests, needs, and abilities, while at the same time allowing for a range of local delivery methods.

Students will demonstrate understanding and communicate ideas through a variety of digital and print media. This course is an important supplement to any post-secondary studies, as the critical thinking skills found herein transfer readily to any subject matter.

ENGLISH FIRST PEOPLES: SPOKEN LANGUAGE 10

This course will help students explore and understand the power of oral story-telling. Students will investigate the impact of oral language in conveying a sense of who people are, particularly in relation to their background, and will practice using the spoken word. The time and place we and our stories come from impacts powerfully our understanding of ourselves, our society and the world we live in. This course will explore these themes and more, all with a mind to the role that the oral tradition plays in First People's culture.

COMPOSITION 10- HONOURS

In this course, students will explore, sample, critique and produce written communications; they will work individually and collaboratively to create coherent, purposeful compositions. They will read and study compositions by other writers and consider a variety of styles as models for the development of their own writing. Students will build writing competencies by studying varied structures, forms, and styles of compositions.

Students will have opportunities to individually and collaboratively study, create, and write original pieces, exploring audience and purpose. They will develop their craft through processes of drafting, reflecting, and revising. For students who may need English support, particularly in writing, and who are considering post-secondary studies, this course is ideal.

YEAR 11 ENGLISH LANGUAGE ARTS

*Students must take **at least one** Year 11 course in English to be able to graduate*.

Only three Year 11 courses are currently recognized for early admission to UBC: Composition 11, Creative Writing 11, and Literary Studies 11

LITERARY STUDIES 11 Honours and COMPOSITION 11 Honours/Advanced Placement 11

English 11AP is a full year course, intended for students wishing to refine their reading, composition and course analysis skills for academic studies at college or university. The course engages students in becoming skilled readers of prose, and in becoming polished writers in a variety of prose forms. Students will read selections from a wide variety of literature (including autobiography, biography, diaries, travel writing, essays, journalism and fiction) reflecting Canadian themes and concerns. Composition will emphasize the craft of writing and the interaction among a writer's purposes, audience expectations and subjects. The English 11AP course assumes that students already understand and use standard English grammar and are seeking to enhance their ability to use grammatical conventions both appropriately and with sophistication as well as with stylistic maturity. English 11AP also provides groundwork in academic writing for those students intending to go on to English Literature 12AP and/or History 12 in their final year. Students taking the full year English 11H/AP English Language course will receive 4 credits for English 11 and an additional 4 credits for AP English Language and Composition. English 11AP meets every day for the full school year. Credits: A "4" (well qualified) Grade or better on the AP exam will allow students to gain advanced placement in a first-year English course at most universities and colleges. The focus on Canadian literature and Canadian identity includes attention to First Peoples Principles and texts by aboriginal writers, among others.

CREATIVE WRITING 11 (4 credits)

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

LITERARY STUDIES 11 (4 credits)

Literary Studies 11 allows students to delve deeply into literature. Students can explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) in a variety of media. Giving students the choice of a range of literary topics allows them to follow their passion. Students will increase their literacy skills, enhance

their development of the English Language Arts curricular competencies, expand their development as educated global citizens, develop balance and broaden their understanding of themselves and the world and develop higher-level thinking and learning skills. First Peoples Principles of Learning will guide teaching and learning throughout this course.

COMPOSITION 11 (4 credits)

Composition 11 is designed to support students as they refine, clarify, and adjust their written communication through practice and revision. Students will read and study compositions by other writers and be exposed to a variety of styles as models for the development of their writing. The course provides opportunities for students to, with increasing independence, study, create, and write original and authentic pieces for a range of purposes and real-world audiences. They will expand their competencies through processes of drafting, reflecting, and revising to build a body of work that demonstrates expanding breadth, depth, and evidence of writing for a range of situations. They will develop confidence in their abilities as they consolidate their writing craft. The following are possible areas of focus within Composition 11: narrative, expository, descriptive, persuasive, and opinion pieces; planning, drafting, and editing processes; writing for specific audiences and specific disciplines; how to cite sources, consider the credibility of evidence, and evaluate the quality and reliability of the source. First Peoples Principles of Learning will guide teaching and learning throughout this course.

ENGLISH FIRST PEOPLES: Literary Studies and Spoken Language 11 (4 CREDITS)

EFP Literary Studies + Spoken Language 11 is designed for students who are interested in studying First Peoples literature and oral tradition and in strengthening their oral language proficiencies. The course emphasizes oral self-expression and communication in a variety of contexts. Students delve deeply into First Peoples oral and written literature in a range of media to explore various themes, authors, and topics. This provides a foundation for them to think critically and creatively as they continue to explore, extend, and strengthen their own repertoire of oral language expressions. Within a supportive community, students work individually and collaboratively to explore oral and written literature and create powerful, purposeful oral and written compositions. Through the study of literature and the processes of experimenting with, reflecting on, extending, and refining their oral language, students will: extend their capacity to communicate effectively in a variety of contexts, deepen their understanding of themselves and the world, and expand their understanding of what it means to be educated Canadian and global citizens.

YEAR 12 ENGLISH LANGUAGE ARTS

***Students MUST CHOOSE ONE** of the following “Year 12” English courses for Graduation: English Studies 12, English First Peoples 12, or English Studies 12 Honours/Literary Studies 12 Honours/API2.

***ENGLISH STUDIES 12 - *Eligible for Graduation* - (4 credits)**

In their Grade 12 year, students must either take English Studies 12 or English First Peoples 12 or Honours/AP 12, in order to graduate. Here is the description for English Studies 12: This required English Studies 12 course builds on and extends upon students’ previous learning experiences in ELA and EFP 10 and 11 courses. It is designed for all students and provides them with opportunities to refine their ability to communicate effectively, think critically and creatively about the uses of language, explore texts from a variety of sources that reflect diverse worldviews and deepen their understanding of themselves and others in a changing world. Students will gain insight into the diverse factors that shape identity and contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples while expanding their understanding of what it means to be an educated Canadian and global citizen. First Peoples Principles of Learning will guide teaching and learning throughout this course.

***ENGLISH FIRST PEOPLES 12 - *Eligible for Graduation* - (4 credits)**

In their Grade 12 year, students must either take English Studies 12 or English First Peoples 12 or Honours/AP 12, in order to graduate. Here is the description for English First Peoples 12: EFP 12 builds upon and extends students’ previous learning experiences in ELA and EFP 10 and 11 courses. The course is grounded in the First Peoples Principles of Learning. It is designed for all students, Aboriginal and non-Aboriginal, who are interested in delving deeply into First Peoples oral and written literature and visual texts in a range of media. The course focuses on the experiences, values, beliefs, and lived realities of First Peoples as evidenced in various forms of text, including oral story, poetry, song, performance, film, and prose. A key feature of the course is its focus on authentic First Peoples voices (i.e. historical or contemporary texts created by or with First Peoples). In EFP 12, all students examine texts grounded in a diversity of First Peoples cultures, including local First Nations or Métis communities; extend their capacity to communicate effectively in a variety of contexts; think critically and creatively about the uses of language; deepen their understanding of themselves and others in a changing world; gain insight into the diverse factors that have shaped and continue to shape their own identities; appreciate the importance of self-representation through authentic First Peoples text ; contribute to

Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples; and expand their understandings of what it means to be educated Canadian and global citizens. While the focus in EFP 12 is primarily on First Peoples voices from British Columbia, students also engage with texts that reflect First Peoples perspectives from elsewhere in Canada and throughout the world.

ENGLISH STUDIES 12 HONOURS AND LITERARY STUDIES 12 HONOURS/ADVANCED PLACEMENT

Eligible for Graduation

English Studies 12 Honours is an enriched course intended for students planning studies in the humanities in their post-secondary education and/or those simply interested in studying literature. The course focuses on the study of advanced texts and applied critical theory, as a means of exploring questions of identity, subjectivity, and the role of narrative in daily life. English Literature 12 presents a thematic or chronological survey of major British and Commonwealth writers and their works from Classical to Modern times. The course is intended to enable students to develop skills in reading, understanding, discussing and appreciating the literature, particularly poetry and drama, of times other than our own. Emphasis is placed upon the authors' relationships to the times in which they lived, to provide an awareness of our cultural heritage and a perspective for contemporary literature and contemporary life.

If taken together, these courses combine English 12 and Literature 12 learning outcomes at an AP level, engaging students in the study of famous literary texts from Anglo-Saxon to modern times. Students who plan to pursue post-secondary education and careers in the Arts, Education, Law and media will gain depth of background to their literacy. Students will also receive intensive preparation in academic writing. Because of the enriched nature of the course, students will be well prepared to write the English 12 provincial exam in January. Those who are interested in acquiring Advanced Placement credit will write an AP exam in May. Success in the Advanced Placement exams signifies to colleges and universities that the student is someone who has done English studies at university level of challenge. Most universities give credit for an AP exam grade of 4 or 5 (on a scale of 1-5). Successful students will therefore receive credit for one semester of post-secondary English, while still in high school. Students successfully completing this course will receive 8 credits for Eng. 12 and Eng. Lit 12.

YEAR 12 Elective Offerings in English

The courses listed below may be taken as electives in addition to the required YEAR 12 course (one of either English Studies 12, English First Peoples 12, or English Studies 12 Honours/Literary Studies 12 Honours/AP12).

COMPOSITION 12 (4 credits)

Composition 12 is designed to support students in their refinement and pursuit of mastery of written communication. Students will read and study exemplary compositions by other writers and be exposed to a variety of styles as models for the development of their writing. The course provides opportunities for students, with increasing independence and self-sufficiency, to study, create, and write original and authentic pieces for a range of purposes and audiences using real-world applications with impact and effectiveness. They will develop their craft through processes of drafting, reflecting, and revising to build a body of publishable work that demonstrates breadth, depth, and evidence of sophisticated and specialized writing for a range of situations. The following are possible areas of focus within Composition 12: narrative, expository, descriptive, persuasive, and opinion pieces, with attention to areas such as thesis development, structure, transitions, hooks and leads, persuasion, argumentation, and the study of a wide range of sample works; planning, drafting, and editing processes; writing for specific professional audiences and specific academic disciplines; and how to cite sources, consider the credibility of evidence, and evaluate the quality and reliability of the source.

LITERARY STUDIES 12 (4 credits)

Literary Studies 12 allows students to delve more deeply into literature through increasingly complex texts. Students can explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) in a variety of media. Giving students the choice of a range of literary topics allows them to follow their passion. At the same time, students will increase their literacy skills, enhance curricular competencies of communication, expand their development as educated global citizens, develop balance and broaden their understanding of themselves and the world, and refine higher-level thinking and learning skills. First Peoples Principles of Learning will guide teaching and learning throughout this course.

SPOKEN LANGUAGE 12 (4 credits)

THIS COURSE IS OPEN TO BOTH GRADE 11 AND GRADE 12 STUDENTS. It is designed to support students in the refinement of spoken language forms. The course provides opportunities for students, with increasing independence and self-sufficiency, to study, create, write, and present original and authentic pieces for a range of purposes and audiences using real-world applications with impact and effectiveness. They will develop their craft through processes of drafting, reflecting, revising, and practising to build a body of publishable and/or performance-based work that demonstrates breadth, depth, and evidence of sophisticated and specialized spoken language pieces for a range of situations. First Peoples Principles of Learning will guide teaching and learning throughout this course.

NEW MEDIA 12 (4 credits)

THIS COURSE IS OPEN TO BOTH GRADE 11 AND GRADE 12 STUDENTS. New Media 12 is an elective course designed to reflect the changing role of technology in today's society, and the increasing importance of digital media in communicating and exchanging ideas. This course is intended to allow students and educators the flexibility to develop an intensive program of study centered on students' interests, needs, and abilities, while at the same time allowing for a range of local delivery methods. New Media 12 recognizes that digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills vital for success in an increasingly complex digital world by affording numerous opportunities to demonstrate understanding and communicate increasingly sophisticated ideas through a wide variety of digital and print media. Compared with New Media 11, New Media 12 features tasks and texts of greater complexity and sophistication. As well, the Grade 12 course extends the depth and breadth of topics and activities offered in New Media 11. First Peoples Principles of Learning will guide teaching and learning throughout this course.



ENGLISH AS AN ADDITIONAL LANGUAGE

Placement in English as a Additional Language (EAL) classes will be facilitated by EAL teachers, counsellors and teachers in previous schools. All English Language Learners (ELLs) are assessed in September and January to ensure proper placement for the semester. Advancement into English 10 will be determined by the EAL teacher and the EAL department.

ACADEMIC STRATEGIES FOR LANGUAGE LEARNERS

This course is designed to familiarize and extend a student's abilities to use various strategies independently to meet the Learning Standards, concurrently being successful in content-based courses such as English Language Arts, Social Studies and Science. Emphasis will be on the comprehension of important concepts, linking current information to prior knowledge and the application of strategies and skills learned. Students will become familiar with a variety of learning skills and Canadian Assessment Techniques. As well, through discussion and debate, students will learn aspects of the history and culture of Canada.

ENGLISH LANGUAGE DEVELOPMENT 10

This course is designed to continue to develop ELL students in the four main English language skills of reading, writing, listening and speaking. It also encourages the viewing and representation of materials. The course focuses on developing strategies needed to read, write, and extract information successfully in English, and addresses specific needs of students regarding language and culture. Throughout the course, students participate in authentic real-life situations. Students demonstrate growth in English language proficiency through oral, visual, and simple written forms. Students identify and compare their own customs to Canadian culture and customs.

INTRODUCTION TO ACADEMIC LANGUAGE

Students will develop the academic language and extend the English language skills needed to be more successful in the content areas of English and Socials. The course builds students' writing, speaking, listening and reading competencies by introducing them to a variety of text genres, registers, structures, forms and styles. Student will listen, read, and study texts in specific genres by studying the forms, styles and models required to create these text structures to build their competencies so they can create original pieces. Included in this course are the elements that make up Canadian Culture.

ENGLISH LANGUAGE DEVELOPMENT 11

HOME ECONOMICS

HOME ECONOMICS

Don't leave home without it! Explore the worlds of Food, Sewing and Fashion. Express your creativity, learn and practice life skills, gain employability skills and meet graduation requirements. Our courses are fun, social, practical, and unique. Home Economics...the life "app".

FOOD STUDIES 11

This **introductory** lab-based course offers a 'hands on' opportunity to develop the practical skills and techniques of food preparation that we all need for life. **For students who have not taken Foods and Nutrition 9. (AS)**

CULINARY ARTS 11

This lab-based, collaborative course builds upon the practical skills and techniques of food preparation developed in Foods and Nutrition 9 and includes examination of current food-related issues in our society: sustainability, vegetarian eating, food advertising and food security. **For students who have taken Foods and Nutrition 9. (AS)**

CULINARY ARTS INTERNATIONAL 11

Are you interested in the world of international flavours and food creations? Celebrate foods and customs from near and far. Our journey will take us to countries such as France, Thailand, Mexico, Italy and more. Emphasis is on creating, preparing and presenting foods from a variety of cultures. Advanced cooking techniques are explored in this course. (AS) Culinary Arts International is a great option for students considering a career in the culinary field. **For students who have taken Foods and Nutrition 9 and/or 11. (AS)**

FOOD STUDIES 12

Foods 12 is the EXTREME food challenge! This is a course for students who are interested in the “fine art of cooking” and/or are considering a career in the culinary field. Emphasis will be placed on advanced techniques, special equipment, and attractive presentation. **For students who have taken Foods and Nutrition 11, Culinary Arts 11, and/or Culinary Arts International 11. (AS)**

TEXTILES 11

This all-round course for students in Grades 10 – 12 will enable students to develop sewing skills and learn new techniques. No previous sewing experience is required. Learn to fit clothes to your figure type, and make pajamas, hoodies, skirts and more. Students work at their own level. (AS)

TEXTILES 12

This course takes a highly individualized approach that will allow students to make all choices regarding projects them. This is an advanced course in clothing construction. Students will study fitting, alteration, fibers and and designer patterns. **For students who have taken Textiles 11. (AS)**



and the order in which they create fabric, and make use of challenging fabrics

CHILD DEVELOPMENT AND CAREGIVING 12

This course will focus on content related to: pregnancy, including methods of conception; prenatal development, medical care, and methods of childbirth and delivery; legal rights and responsibilities of various caregivers, including ensuring a child’s welfare and safety; stages of child development from birth to age 12, including cognitive, social, physical, and emotional development, language and speech, and the role of play; nutritional needs and feeding practices for children of various ages, including external influences on these practices; theories of child development, including First Peoples theories, and how and why theories change over time; effect of caregiving styles on child development; child care options available locally and internationally, and influences on these practices, including regulations, education, and funding; community resources that offer services to children and caregivers.

Anyone who loves kids, including those who might like to work in careers involving children, would definitely enjoy taking this course:) (AS)

INFORMATION TECHNOLOGY

MEDIA DESIGN 11

Do you want to effectively develop a wide range of digital media arts skills across various software platforms? If so, this diverse and multi-faceted course is for you. Throughout the semester, students will explore of 5 modules that that cover a wide range of digital media. Module topics include Web Design, Image Editing, 2D / 3D Animation, and Digital Video production. In this course students will learn how to use Adobe Photoshop, Adobe Dreamweaver, Adobe Animate, Adobe Illustrator, Blender and more.

Open to all students in grades 10-12. A strong interest in computer software is recommended. No prior experience necessary. Media Design 11 can help develop interest for a career in digital media. Students can further expand their abilities after completion of this course with Media Design 12. (AS)

MEDIA DESIGN 12 *Prerequisite: Media Design 11

This course picks up where Media Design 11 left off. We will continue our diverse exploration into a variety of computer science topics. Concepts learnt in grade 11 will be extended and further developed to help students obtain a more focused understanding of previous knowledge. This course will focus on 5 Points of Inquiry designed to complement and extend the modules from grade 11. Topics will include web programming, 2D / 3D Graphic Design, 3D Animation, and much more. Students will create an individualized course syllabus to further develop their skills in the Points of Inquiry. Technology is a tool that is essential for future academic success. This course aims to provide students with an arsenal of skills to do just that. (AS)

COMPUTER INFORMATION SYSTEMS 12 (Cisco Networking Academy)

Do you enjoy learning about all the latest gadgets and new technologies? Do you want to be able to tackle computer problems with the skills and confidence to get the job done right? If this sounds like you, CIS is the course you have been looking for. The Cisco Networking Academy at Pinetree is a unique opportunity for students to complete their Cisco Networking IT Essentials certification before graduating high school. Ideal for students interested in pursuing a career in IT, electronics, or computer science; this course will provide you with a strong foundation in computer hardware and networking. The course will consist of weekly lab work and self-paced, online modules. Modern, up-to-date coursework includes virtual simulations and hands-on repair work.

Open to all students in grades 11-12. A strong interest in computers and technology is recommended. No prior experience necessary. ICT: CIS 12 is the gateway to a career in computer technology. Student who successfully complete this course will earn their CISCO IT Essentials certification and be at a distinct advantage when applying to post-secondary computer science programs and/or computer related career options. (AS)

COMPUTER PROGRAMMING 11

This course is designed as an entry point for students interested in learning more about computer programming. Computer programmers are in high demand throughout countless industries and professions. Start your path to a rewarding career by learning the basic concepts required to continue your studies in Programming 12. Computer programming provides a valuable experience as it develops a student's critical thinking, evaluation skills, and attention to detail. The lesson format in this course will benefit a student across his/her course load and provide them with highly sought after problem solving and teamwork skills. Open to all students in grades 10-12. *No prior experience necessary.* (AS)

COMPUTER PROGRAMMING 12

Join the ranks of Pinetree computing alumni who are now pursuing post-secondary computer science degrees at MIT, Waterloo, McGill, SFU, and more! Former Pinetree students have gone on to successful careers with Microsoft, Google, and IBM. Programming 12 will prepare students for their entry to computer science coursework at post-secondary. Up to date, relevant courseware that reflects currently used industry standards will ensure students are well-equipped with the skills needed to continue their path to success in computer science. More than ever, computer programmers are highly sought after in countless professions. Programming skills teach teamwork, critical thinking, problem solving, evaluation, and attention to detail. Learn 21st century skills for 21st century students. **Pre-requisite:** Programming 11 (*students without Programming 11 but who can demonstrate prior programming experience can meet with the teacher prior to enrolling for an assessment*) (AS)

INTERDISCIPLINARY

GLOBAL PERSPECTIVES 12

This course is not offered in 2019-2010

Global Perspectives is an exciting course for the 21st century, designed to provide students with the opportunity to travel to and participate in a hands-on project in a developing country as well as develop awareness of global issues and career options in various related fields. In addition to their project work in the developing world (scheduled to coincide with spring vacation), students will participate in an extensive study of global issues and the selected region for project work and interact with community groups (education, business, government and social). Throughout the course, students will be encouraged to develop a vision for their futures, including personal goals, career directions, and educational opportunities.

Global Perspectives 12 will be a year-long course integrated with Work Experience 12A; students will complete at least 100 hours of work experience. Note: Each candidate will be interviewed to ensure that they understand the level of commitment required for this program.

PEER TUTORING 11 (BA)

This course is available to students who have an aptitude for working with others, and top achievement in one or more subject areas. Students enrolled in this program must be responsible, possess good communication skills, initiative, patience, and appreciate diversity. Peer tutors may have opportunities for one to one tutoring and/or in-class tutoring. This program requires a time commitment outside of regularly scheduled classes and is strongly recommended for those students interested in vocational careers such as teaching, medicine, community support, or social work. Students are expected to be tutoring in junior level classrooms. Students should apply for this course with a subject area of strength and support letter from a teacher in that course area.

Pre-requisite: Letter of support from teacher reference.

PEER TUTORING 12 (BA)

This course is an extension of Peer Tutoring 11. This course is offered to conscientious students who enjoy helping others. Students wishing to earn credit for Peer Tutoring 12 will be expected to demonstrate a higher level of skill attainment in the areas of problem-solving and interpersonal skills. Students should apply for this course with a subject area of strength and support letter from a teacher in that course area.

Pre-requisite: Peer Tutoring 11 and letter of support from teacher reference.

ATHLETIC LEADERSHIP

Athletic Leadership is designed to further develop students' knowledge and skills in leadership, event management, coaching and instruction, as well as officiating. Students will discover the benefits of giving back to their school, community and sport. Students will recognize specific rules enforced by tournament managers, referees and learn strategies implemented by coaches in a variety of sports.

The course is a combination of face to face learning within the classroom as well as project-based learning outside the classroom. Students will also be expected to demonstrate leadership and be involved in service within Pinetree's physical education department and extracurricular athletics. A major component of the course's curriculum is to coordinate and officiate intramurals as well as Pinetree's in-season sports.

LEADERSHIP 11/12

Students will examine various leadership concepts and issues utilizing historical, methodological and theoretical perspectives. Students will also explore individual and group leadership qualities and skills at Pinetree by participating in:

- Leadership Group: organizing and hosting movie nights, Winter Formal, Spring dance, etc.
- Student Council: organizing Pinetree Spirit Days, Christmas Food Drive, Pep rally, etc.
- Delta/Alpha/e-Wolves: organizing small groups to help with school and community events.

PSYCHOLOGY 12 (BA)

Do you ever wonder how emotion cause motivation? Why people do the things they do? Students will, through the study of psychology, acquire an understanding and appreciation of the human mind in an attempt to make sense of what people think, feel and do. Psychology is both an academic and applied field of study, which includes such topics as sensation and perception, motivation and emotion, personality, consciousness, memory and psychological disorders. Looking for a course that you can apply constantly in your everyday life? This is the one!

MODERN LANGUAGES

Students in language courses develop individual and group skills, learn to take risks and improve their capacity to communicate by participating in language classes. They know that acquiring a new language can alter their perspective on life and that ‘culture’, reflected in the language they study, takes many different forms. Ultimately, our students know that studying an additional language gives them a unique way to explore, connect with and experience the real world.

FRENCH 10

This is a communication-based class with an emphasis on developing real-world skills. You will continue to develop your ability to communicate orally and in writing, to understand what you read and hear and to present your knowledge and ideas in a variety of ways. Each unit of study is supplemented by the use of authentic resources from *la francophonie* and will further develop your vocabulary, your sentence structure and your skill in asking and answering questions as you work toward increasing your language proficiency.

Note: This course is not intended for native speakers or for most previous students of the French Immersion program.

FRENCH 11

The focus of the class continues to be on developing your real-world communication skills in French and you are expected to speak French with your teacher and peers as much as possible. At this Intermediate language proficiency level, it will be important for you to challenge yourself and to take risks with using new vocabulary and language structures to express your ideas, opinions, hopes and wishes. You will expand on your interpretive skills as you read a variety of texts, gather information, listen to music and watch a variety of authentic videos from *la francophonie*. By the end of the course, you will be comfortable engaging in spontaneous conversations with your peers.

FRENCH 12

As you work towards Advanced proficiency, you will personalize your own learning by further developing your vocabulary and language skills to engage in conversations on topics of interest to you. You will continue to work in partners and in small groups on a daily basis. You will explore the ways that speaking French might enhance your daily life through opportunities to study or travel abroad, and in what ways your French language proficiency will benefit you in future career choices. By the end of the course, you will be much more comfortable discussing, interpreting and using authentic resources gathered from *la francophonie*, and you will be ready to take the international DELF exam in order to obtain the Diplôme d’études en langue française should you wish to add it to your résumé or university applications.

JAPANESE 10

You will develop your interpersonal & written skills in this communication-based class beyond what you learned in Japanese 9. You’ll be adding more depth and detail to what you communicate as you work towards Intermediate proficiency. We will also be mastering Katakana for all those ‘foreign’ words. By the end of the course you’ll be able to communicate more spontaneously. Note: This course is not for native speakers or those who use it a lot at home.

INTRO JAPANESE 11

This fast-paced course touches on elements of Japanese 9&10 in one semester. You are taking this course if you are a student comfortable with this type of accelerated learning environment and are responsible in your work habits. You will develop your interpersonal & written/recognition skills in Japanese as you work towards Intermediate proficiency. This course is not for native speakers or those who use it a lot at home.

JAPANESE 11

You are now working at an Intermediate proficiency level and are able to spend more time communicating in Japanese. You are beginning to create with the language while you also improve your group, risk-taking and communication skills. In class you will be working in groups exchanging information, discussing and problem solving. By the end of the course you’ll be able to converse in ‘plain everyday’ language.

JAPANESE 12

This is the course where it all comes together – the interactive communication course for you to use your full range of language skills. You will be a comfortable Intermediate working towards Advanced proficiency as you use your skills daily to communicate both formally & in plain speech. During the term you will take on various tasks designed to push your skill level higher. By the end of the course you will be comfortable in more spontaneous situations both in, and out of class.

MANDARIN 10

This course builds upon the work done in Mandarin 9. Students will further develop their language skills through a variety of projects and activities. Besides learning the basic grammatical rules, more vocabulary will be introduced. Appreciation of the Chinese culture is also a vital part of this course.

MANDARIN 11

Students should be able to use the Chinese language in practical situations that are common to social interaction by the end of Mandarin 11. They will work on reading, writing, speaking and listening skills. Pinyin, simplified Chinese characters, and English translations will be emphasized. Cultural awareness is also a component of this course.

Note: Students considering Mandarin 12 may take Mandarin 11 and 12 sequentially in the same year.

MANDARIN 12

More emphasis will be stressed on grammar, Pinyin, common daily usage on idiomatic expression and English translations at this level. In addition to the four fundamental elements of listening, speaking, reading and writing, cultural awareness is also a component of this course. Note: Students considering Mandarin 12 may take Mandarin 11 and 12 sequentially in the same year.

SPANISH 10

This course builds upon the concepts you learned in Spanish 9. The focus continues to be on communication, both oral and written. You will learn fundamental sentence structure in the present and preterit tenses. You will participate in a variety of pair and group activities to help you develop your speaking, listening, reading and writing skills. You will also further your understanding of the Spanish-speaking world and continue to learn the target language in a contemporary cultural context. Note: this course is not intended for native speakers of Spanish or those who use it a lot at home.

INTRODUCTORY SPANISH 11

This is a very fast-paced course in which you will master the basic skills of Spanish 9 and 10 in one semester. You are taking this course if you are a responsible student, comfortable in this type of accelerated learning environment. The course contains the fundamental elements of the language: speaking, listening, reading and writing with an emphasis on preparing you for Spanish 11. You will have the opportunity to engage in different activities and work in pairs or groups to foster a better understanding of the language and culture. The cultural component explores the life of Spanish speaking people in different countries. You will learn the target language in a contemporary cultural context. Note: this course is not intended for native speakers of Spanish or those who use it a lot at home.

SPANISH 11

This course will further develop your speaking, listening, reading and writing skills. You will review and broaden your understanding of the Spanish language through practice of more complex structures and more extensive vocabulary. Spanish-speaking cultures, history and literature are also components of this course. Classroom instruction is designed to increase the ability to communicate in the Spanish language by involving students in more advance communicative tasks. If you are considering going into Spanish 12, you may take both Spanish 11 and 12 in the same school year.

SPANISH 12

You will continue to expand your vocabulary and further the development of your speaking, listening, reading and writing skills. You will learn to use more complex sentence structure to enhance communication and comprehension. Classroom instruction is designed to increase the ability to communicate in the Spanish language by involving students in more advanced communicative tasks. You will explore the history and literature of the Spanish culture in the US, Spain and Latin America.

MATHEMATICS

Mathematics is integral to every aspect of daily life. Mathematical skills are essential for solving problems in most areas of life and are part of human history. The British Columbia Mathematics curriculum aims to ensure that citizens are numerate and have mathematical habits of mind. - BC's New Curriculum.

The Mathematics Department offers a wide range of courses to meet the needs of all students. It is important that students select courses consistent with their abilities as well as their career goals. Many post-secondary courses require mathematics as a Pre-requisite. Students should seek advice from both their math teacher and their counsellor before selecting their courses. Note: All mathematics students should have a scientific calculator.

WORKPLACE MATHEMATICS 10

This option is designed to provide students with the Mathematical understanding and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include understanding and applying the metric and imperial systems to the measurement of 2-D and 3-D objects, geometry and trigonometry, and the fundamentals of income, spending and debt. All topics are taught within a framework of problem-solving. Aspects of **core competencies**: (a) Communication, (b) Creative Thinking, (c) Critical Thinking, (d) Positive Personal and Cultural Identity, (e) Personal Awareness and Responsibility, and (f) Social Responsibility and **curricular competencies**: (a) Reasoning and Modeling, (b) Understanding and Solving, (c) Communicating and Representing, and (d) Connecting and Reflecting, will be addressed throughout this course. At the end of this course, students are prepared for Apprenticeship and Workplace 11. Students may also choose one of the other Mathematics 10 or 11 course options pending departmental consultation.

FOUNDATIONS OF MATHEMATICS AND PRE-CALCULUS 10

This option is designed to provide students with the Mathematical understanding and critical-thinking skills identified for post-secondary academic studies at colleges and universities. Topics include surface area and volume of 3-D objects, applying trigonometric ratios to right triangles, irrational numbers, powers involving integral and rational exponents, polynomials, and coordinate geometry with linear relations, systems of linear equations, and function notation. Aspects of **core competencies**: (a) Communication, (b) Creative Thinking, (c) Critical Thinking, (d) Positive Personal and Cultural Identity, (e) Personal Awareness and Responsibility, and (f) Social Responsibility, and **curricular competencies**: (a) Reasoning and Modeling, (b) Understanding and Solving, (c) Communicating and Representing, and (d) Connecting and Reflecting, will be addressed throughout this course. At the end of this course, students are prepared for either Foundations of Mathematics 11 OR Pre-Calculus 11.

PRE-CALCULUS 10/11 HONOURS

These programs are structured in a similar fashion to the Pre-Calculus 9 Honours program. The core course material is based on the Pre-Calculus 10/11 courses. However, significant emphasis is placed on theory and proofs. Homework and assignments are daily events. Rigorous midterms and a final examination are part of the evaluation process.

Aspects of **core competencies**: (a) Communication, (b) Creative Thinking, (c) Critical Thinking, (d) Positive Personal and Cultural Identity, (e) Personal Awareness and Responsibility, and (f) Social Responsibility and **curricular competencies**: (a) Reasoning and Modeling, (b) Understanding and Solving, (c) Communicating and Representing, and (d) Connecting and Reflecting, will be addressed throughout this course.

Note: Advanced optional topics in Mathematics may be covered with time permitting. Furthermore, students will be expected to participate in national and international mathematics contests throughout the year.

WORKPLACE MATHEMATICS 11

This course uses a variety of methods to solve real-life, practical, technical and theoretical problems. Topics include: problem-solving, relations and formulas, income and debt, data analysis and interpretation, measurement, technology, owning and operating a vehicle and personal planning. Aspects of **core competencies**: (a) Communication, (b) Creative Thinking, (c) Critical Thinking, (d) Positive Personal and Cultural Identity, (e) Personal Awareness and Responsibility, and (f) Social Responsibility, and **curricular competencies**: (a) Reasoning and Modeling, (b) Understanding and Solving, (c) Communicating and Representing, and (d) Connecting and Reflecting, will be addressed throughout this course.

PRE-CALCULUS MATHEMATICS 11

This academic course covers the following topics: personal finance, including payroll, investing, loans, mortgages and exchange rates; functions – operations, composition and inverses; quadratic functions – equations and inequalities; absolute value, radical and rational equations; mathematical reasoning – inductive and deductive; circle geometry – chords,

angles and tangents; coordinate geometry – distance between points and lines and equation of circle. Problem-solving will be integrated throughout the course. Students must have access to a scientific calculator or graphing calculator, such as a TI-83. Aspects of **core competencies**: (a) Communication, (b) Creative Thinking, (c) Critical Thinking, (d) Positive Personal and Cultural Identity, (e) Personal Awareness and Responsibility, and (f) Social Responsibility, and **curricular competencies**: (a) Reasoning and Modeling, (b) Understanding and Solving, (c) Communicating and Representing, and (d) Connecting and Reflecting, will be addressed throughout this course.

FOUNDATIONS OF MATHEMATICS 11

The main purpose of this course is to provide students with the opportunity to build their skills and knowledge in mathematics applicable to students interested in future studies in Non-Science/Engineering/Business programs. (i.e. Humanities/Arts). Some topics are similar to the Pre-Calculus 10/11 course – the focus will be more towards applications rather than theory. Aspects of **core competencies**: (a) Communication, (b) Creative Thinking, (c) Critical Thinking, (d) Positive Personal and Cultural Identity, (e) Personal Awareness and Responsibility, and (f) Social Responsibility, and **curricular competencies**: (a) Reasoning and Modeling, (b) Understanding and Solving, (c) Communicating and Representing, and (d) Connecting and Reflecting, will be addressed throughout this course. Depending on overall success, some students will elect to continue towards the Pre-Calculus pathway after completing this course.

Note: Mathematics credit (i.e. satisfaction of pre-requisite criteria) varies for each Post-Secondary Institution.

PRE-CALCULUS MATHEMATICS 12

Topics in this course include: transformations, trigonometric functions, equations and applications, trigonometric identities, exponential and logarithmic functions and their application, permutations and combinations. Independent problem-solving is stressed throughout the course. Students must have access to a graphing calculator, such as a TI-83. Aspects of **core competencies**: (a) Communication, (b) Creative Thinking, (c) Critical Thinking, (d) Positive Personal and Cultural Identity, (e) Personal Awareness and Responsibility, and (f) Social Responsibility and **curricular competencies**: (a) Reasoning and Modeling, (b) Understanding and Solving, (c) Communicating and Representing, and (d) Connecting and Reflecting, will be addressed throughout this course.

CALCULUS 12

Pre-requisite: Pre-Calculus Mathematics 12

This course is very useful for students who have strong mathematical ability and who intend to take calculus in their first year at a post-secondary institution. The main topics are Functions, Limits, Continuity, Derivative Rules, Curve Sketching, Related-Rates Problems and Maximum-Minimum Problems. Derivations and Proofs will also be a key component of this course. Because this course is typically taught at the post-secondary level, students will be expected to work fairly independently with appropriate instruction provided during class lectures. To be successful, students need to commit time and energy to critically analyzing problems and to seek understanding. Higher order conceptualization of Mathematics will be an everyday event. Aspects of **core competencies**: (a) Communication, (b) Creative Thinking, (c) Critical Thinking, (d) Positive Personal and Cultural Identity, (e) Personal Awareness and Responsibility, and (f) Social Responsibility, and **curricular competencies**: (a) Reasoning and Modeling, (b) Understanding and Solving, (c) Communicating and Representing, and (d) Connecting and Reflecting, will be addressed throughout this course.

The percent evaluation from the exam may be used for credit in lieu of certain first year mathematics courses offered at UBC, SFU, UVIC and UNBC.

CALCULUS 12 HONOURS

This course continues from the Pre-Calculus 12 Honours program. Topics from Differential Calculus and Integral Calculus will be covered. As always, there will be extensive discussion regarding theory, proofs and derivations. Homework is a daily event. There will be an intensive evaluation process, including a midterm and final examination. Note that the final student evaluation will be adjusted to reflect the difficulty of the Honours program. Aspects of **core competencies**: (a) Communication, (b) Creative Thinking, (c) Critical Thinking, (d) Positive Personal and Cultural Identity, (e) Personal Awareness and Responsibility, and (f) Social Responsibility, and **curricular competencies**: (a) Reasoning and Modeling, (b) Understanding and Solving, (c) Communicating and Representing, and (d) Connecting and Reflecting, will be addressed throughout this course.

At the termination of this course, students may write the Challenge Exam offered by UBC/SFU or the AP Calculus Exam. Note: Students will be expected to participate in national and international mathematics contests throughout the year.

PRE-CALCULUS 12 HONOURS

This course continues from the Pre-Calculus 11 Honours program. The core course material is based on Pre-Calculus Mathematics 12 and a portion of the Calculus 12 course. In addition, there will be extensive discussion regarding theory, proofs, and derivations for each of the topics covered. Homework continues to be a daily event. Aspects of **core competencies**: (a) Communication, (b) Creative Thinking, (c) Critical Thinking, (d) Positive Personal and Cultural Identity, (e) Personal Awareness and Responsibility, and (f) Social Responsibility and **curricular competencies**: (a) Reasoning and Modeling, (b) Understanding and Solving, (c) Communicating and Representing, and (d) Connecting and Reflecting, will be addressed throughout this course.

There will be an intensive evaluation process, including a midterm and final examination. Note that the final student evaluation will be adjusted to reflect the difficulty of the Honours program. Note: Students will be expected to participate in national and international mathematics contests throughout the year.

INDEPENDENT DIRECTED STUDIES: MATHEMATICS

This course continues from the Calculus 12 Honours program. Topics in Advanced Integration will be covered. An important emphasis will be placed on mathematics contests and competitions. Aspects of **core competencies**: (a) Communication, (b) Creative Thinking, (c) Critical Thinking, (d) Positive Personal and Cultural Identity, (e) Personal Awareness and Responsibility, and (f) Social Responsibility, and **curricular competencies**: (a) Reasoning and Modeling, (b) Understanding and Solving, (c) Communicating and Representing, and (d) Connecting and Reflecting, will be addressed throughout this course.

MUSIC

Music courses at Pinetree are all Fine Arts electives and are generally performance courses, such as concert band, jazz band, choir, and vocal jazz. Non-performance courses include guitar, music composition, and independent studies (IDS). There is a wide variety of music courses, from beginning to advanced, that allow students to participate in the making of fine music at whatever grade level they participate. All performers at Pinetree (Instrumental and Choral) are required to perform at several concerts. Music students will be given the opportunity to attend concerts and workshops as part of their appreciation and understanding of the elements and principals of music. The Pinetree Music Department also offers band and choir students the opportunity to participate in the annual Spring Tour and other field trips related to performing and appreciation.



Music courses are worthwhile experiences that enhance the everyday school-life of students. Universities are often looking for special experiences and qualities that high school students possess when applying and the one area that they look at is team-building and experiences working on teams. Bands and choirs are teams and students learn to value their role within that team, developing their self-confidence, self-awareness, and appreciation for and ability to work with others.

GRADE 10, 11, 12 MUSIC COURSES

CHORAL MUSIC 10 (CONCERT CHOIR 10)

CHORAL MUSIC 11 (CONCERT CHOIR 11)

CHORAL MUSIC 12 (CONCERT CHOIR 12)

Course Content: This course is for all students interested in singing. No musical experience is necessary. Students will learn choral singing technique – vocal production, lyric diction, basic music theory and sight singing, and develop knowledge in musical interpretation and style. The group will sing a variety of songs in a variety of languages, but may also include jazz, folk, and pop. Choir students will be evaluated in the areas of performance (singing tests, participation in concerts), theory (written tests, listening skills), and social responsibility (regular practice, attendance at rehearsals, preparation of music, physical readiness). Choir is an excellent course for everyone, including ELL students because it will help the student to practice words, improving diction, pronunciation, and comprehension, while singing in a team-setting. Choir classes are after school on Tuesdays and Thursdays (3:45 – 5:00 pm).

Pre-requisite: there is no Pre-requisite for choir

CHORAL MUSIC 10 (VOCAL JAZZ 10)

CHORAL MUSIC 11 (VOCAL JAZZ 11)

CHORAL MUSIC 12 (VOCAL JAZZ 12)

This course will provide experiences in the exciting field of vocal jazz. Develop different singing styles, microphone technique, and choreography (movement) while singing exciting and fun music. Students enrolling in Vocal Jazz must also be enrolled in a Concert Choir course (pre-requisite). Vocal jazz courses are an extension of the Concert Choir Program and provide the opportunity for students to sing in the jazz and popular styles. Rhythm section players will be needed, and students who play drums, bass or piano are welcome to be in Vocal Jazz ensembles. Vocal Jazz classes are after school on Mondays and Wednesdays (3:45 – 5:00 pm).

Pre-requisite: the student must also be enrolled in choir at their grade level.

INSTRUMENTAL MUSIC 10 (CONCERT BAND 10)

INSTRUMENTAL MUSIC 11 (CONCERT BAND 11)

INSTRUMENTAL MUSIC 12 (CONCERT BAND 12)

Course Content: This course is for students in Grade 10 and Grade 11/12 who have already taken the previous band course in high school. Students will continue to develop their musical skills and learn more challenging music. Music students will be evaluated in the areas of performance (playing tests, participation in concerts), theory (written tests, listening skills), and social responsibility (regular practice, attendance at concert band rehearsals, preparation of music, physical readiness). This is an excellent course for ELL students because English is used but it is not the key component used for assessment of learning outcomes.

Pre-requisite: the previous year in Band 9, Band 10, or Band 11 at Pinetree Secondary school. Students without previous band experience will require the permission of the band teacher.

INSTRUMENTAL MUSIC 10 (JAZZ BAND 10)

INSTRUMENTAL MUSIC 11 (JAZZ BAND 11)

INSTRUMENTAL MUSIC 12 (JAZZ BAND 12)

Course Content: This course is for students who love to play an instrument and want to learn more about jazz. This course focuses on the basic jazz styles (swing, Latin, ballad, funk) and the development of improvisation. The jazz band is a linear course in the timetable that is backed with concert band (concert band on day 1 and jazz band on day 2). Music students will be evaluated in the areas of performance (playing tests, participation in concerts), theory (written tests, listening skills), and social responsibility (regular practice, attendance at rehearsals, preparation of music, physical readiness).

Pre-requisite: the student must also be enrolled in concert band at their Grade level

MUSICAL THEATRE 10 (MUSICAL THEATRE ORCHESTRA 10)

MUSICAL THEATRE 11 (MUSICAL THEATRE ORCHESTRA 11)

MUSICAL THEATRE 12 (MUSICAL THEATRE ORCHESTRA 12)

If you have a passion for the performing arts and enjoy playing an instrument, this class is the opportunity to build your skills while playing in the 'PIT' band for the school's musical. This course is designed for the serious and experienced instrumentalist with a passion for performing. Pinetree has a long tradition of producing excellent musicals (Chicago, Hairspray, Cinderella, Anything Goes, The Sound of Music, Cry Baby, etc.). These musicals attract large audiences from Pinetree and the community. This course will be programmed outside the regular school day and will culminate in the production of our school musical in February. Course study will include weekly after school and evening rehearsals and provide students with an opportunity to perform in and around our community. All orchestra, band (violins, cello, bass, woodwinds, brass, percussion) and contemporary instruments (electric bass guitar, keyboards) will be considered. We encourage you to play in the 'pit' band for the school's musical.

COMPOSITION & PRODUCTION 11 (ELECTRONIC MUSIC COMPOSITION & PRODUCTION 11)

Introductory Course This is an exciting way to explore music using creativity and computers. **This course is open to Grade 10/11/12** students designed as an introduction to music composition and the use of technology. No previous training in music is required! Classes will be a combination of classroom and individual work using a Digital Audio Workstation (DAW). Each student will be assigned a workstation. Previous music experience is helpful but not essential, as students will learn relevant music theory and basic piano keyboard skills. If you want to try composing music and would enjoy working with computers, this course is for you! (FA) This is an excellent course for ELL students because English is used but it is not the key component used for assessment of learning outcomes.

Pre-requisite: none

COMPOSITION & PRODUCTION 12 (ELECTRONIC MUSIC COMPOSITION & PRODUCTION 12)

Advanced Course - This course will be a continuation of Music Composition 11.

Students will refine DAW skills learned in the introductory course. Elements & principles will be further and more deeply explored. Students will explore different styles of music and different types of music software. Project work will be emphasized. (FA) This is an excellent course for ELL students because English is used but it is not the key component used for assessment of learning outcomes.

Pre-requisite: Electronic Music Composition and Production 11

INSTRUMENTAL MUSIC 11 (GUITAR 11)

If you would love to learn to play the guitar, this course is for you! This is a music course for students in Grade 10/11/12 with little or no previous experience on the guitar. This is a non-performance course designed to teach students chords, basic music theory and history, and how to read guitar music (classical style). In addition to learning many songs, students will learn strumming, picking and classical techniques. The school will supply guitars and music. This is an excellent course for ELL students because English is used but it is not the key component used for assessment of learning outcomes.

Pre-requisite: none

INSTRUMENTAL MUSIC 12 (GUITAR 12)

This course is designed as a continuation of the skills and concepts presented in Guitar 11. Further emphasis will be on developing note-reading skills (classical style), chords, theory, and more advanced accompaniment styles. Students must be able to read music notation. (FA) This is an excellent course for ELL students because English is used but it is not the key component used for assessment of learning outcomes.

Pre-requisite: Guitar 11 or permission of the music teacher.

INDEPENDENT DIRECTED STUDIES:

MUSIC

This course is designed for students who have completed all the music courses available at Pinetree Secondary school. Students will pursue individual studies/projects in instrumental performance (piano/flute/guitar/clarinet etc.), music/compositional technology, music leadership, guitar and/or voice. Students who choose this course will undertake projects under the direction of the music teacher. This course allows the student to work independently, develop leadership skills, and refine already well-established skills in music. (FA)

PHYSICAL EDUCATION

PHYSICAL AND HEALTH EDUCATION 10

In PE 10 we build upon the foundations established in PE 9. Learning objectives continue to focus on building connections and healthy thinking patterns. Fun and support come before competition, performance and winning. Goals related to bravery, taking risk and valuing mistakes are prioritized. Team Activities like Aussie rules football, volleyball, and basketball remain, but a shift towards individual sport and lifetime activities like tennis, archery, canoeing, golf, and self-defense become the major focus. Peer coaching and authentic self-assessment play a major role in grading.

PHYSICAL AND HEALTH EDUCATION 11

PE 11 emphasizes leadership and having fun. Students in PE 11 will enjoy a variety of team, individual sports and recreational activities such as beach volleyball, canoeing, softball, basketball, soccer, and fitness activities. Students are expected to take an active role in creating a safe supportive environment for all class members. All activities focus on the pursuit of helping all classmates and pursuing the best version of themselves. Leadership roles in large group fitness activities will be a major part of student growth and evaluation. Fun field trips may include activities like in-skating, or canoeing. In-school special activities may include bubble soccer or battle archery.

PHYSICAL AND HEALTH EDUCATION 12

In PE 12 students continue to develop leadership and inter-personal skills through a variety of recreational activities. Leadership skills are developed and practiced in grade wide fitness activities. Sports activities will reflect a competitive atmosphere that is fun, friendly and safe for all. Students will acquire skills that will enable them to make a difference in and out of the classroom. They will explore and promote strategies promoting the health and well-being of the school and community. Fun field trips may include activities like skating, curling, canoeing, or swimming. In-school special activities may include bubble soccer, battle archery or visits from specialized instructors.

FITNESS 11

Get ready to take your fitness to the next level. This course is not for the faint of heart. Fitness 11 is designed for students wanting to change the way they think about getting uncomfortable and working hard. If you are ready to transform your life and choose to get fit, this is the course for you. If you are ready to discover your inner athlete, this is the course for you. If you are ready to contribute to a high intensity team approach to fitness, this is the course for you. Weight training and cross training activities make up the majority of fitness activities. Students will learn how to motivate themselves and others in a supportive environment. Fitness students build healthy relationships and help each other reach goals they never thought possible.

FITNESS 12

This is an extension of Fitness 11. Expectations of intensity and leadership roles increase. Students will continue to build a wide variety of weight training and cross-training strategies. The role of student as a personal trainer will be emphasized with classmates and students in the Phys. Ed program. Fitness programs are customized to personal objectives. This course builds leaders.

FITNESS 11 (Fitness for Women)

Fitness for Women is for both active and non-active teenage girls who enjoy a wide variety of fun filled, supportive fitness and recreational activities. Students develop their personal fitness, healthy relationships and positive self-esteem. In Fitness for Women we emphasize leadership skill development, stress management techniques and promoting mental well-being.

Activities typically include yoga, kickboxing, aerobic classes, dance classes, running, weight training, boot camp workouts, circuit training, aqua-fit, spin classes, core workouts and more! Field trips include activities like hot yoga, bowling, swimming, and fitness classes. Fitness for Women is a great place for you!

FITNESS 12 (Fitness for Women)

This is an extension of Fitness 11 (Fitness for Women). Students continue to enjoy a wide variety of fitness strategies activities including yoga, kickboxing, aerobic classes, dance classes, running, weight training, boot camp workouts, circuit training, aqua-fit, spin classes, core workouts and more. Field trips include activities like hot yoga, bowling, swimming, and fitness classes. The role of student as a personal trainer will build by leading large group warm ups and becoming outstanding training partners.

BASKETBALL FITNESS (11/12)

Take your fitness to the next level while playing basketball the entire time. This class is loaded with fun fitness activities that are directly related to basketball. All students are welcome to take the class but preference will be students who show dedication to basketball fitness activities outside the classroom.

VOLLEYBALL FITNESS (11-12)

Take your volleyball skills and fitness to the next level with the program designed for keen volleyball players. Improve your beach volleyball, indoor volleyball, individual and team skills while playing 1 v 1, 2 v 2, 3 v 3, 4 v 4 and 6 v 6! This class is loaded with fitness activities that will take your game to the next level. All students are welcome to take the class but preference will be students who show dedication to volleyball outside the classroom.

SCIENCE

All science courses offer a rich variety of laboratory work, theory and critical analysis of current trends and applications of science.

SCIENCE 10

The course has four major units: Life Science – DNA, Heredity, Mutations and Natural Selection; Chemistry –Reactions, Nomenclature; Physics – Conservation of Energy (Potential and Kinetic); and Earth and Space Science – Big Bang Theory and Astronomical Data. The course will utilize a variety of learning strategies such as laboratory work, projects and small group work.

SCIENCE 10 HONOURS

The Science10H course is designed to challenge highly motivated and high achieving students in the core curricular topics for Science 10 (see Science 10 description for topics) in B.C. Students will be involved in challenging activities and topics at a higher and more rigorous level than regular classes.

LIFE SCIENCE 11 (formerly Biology 11)

This course is designed to introduce students to the diverse adaptations and ecological relationships in a variety of living organisms. The course will cover the following topics: microbiology, mycology, plant biology, animal biology and ecology with themes of evolutionary change throughout the course. Laboratory work is emphasized in this course.

LIFE SCIENCE 11 HONOURS (formerly Biology 11 Honours)

Biology 11 (Honours) is the first part of the Advanced Placement Biology Course. It covers the same topics as regular Biology 11 (Evolution, Diversity of Life, and Ecology) but at an AP level. Additional topics include: Population Genetics, Plant Anatomy and Physiology, and Animal Behaviour. This is a lab-oriented course where students learn much of the course material “hands on” in the lab. There is also an emphasis on critical and creative thinking skills as well as lab-based research skills.

ANATOMY AND PHYSIOLOGY 12 (formerly Biology 12)

This course encompasses two major topics of study: Cellular Biology and Human Physiology. Areas of concentration in cellular biology will focus on cell structure, cell compounds, biological molecules, DNA, protein synthesis, and cancer. The Human Physiology unit will emphasize the seven major body systems: circulatory, digestive, respiratory, nervous, urinary, and reproductive.

ANATOMY AND PHYSIOLOGY 12H (formerly Biology 12)/BIOLOGY 12 ADVANCED PLACEMENT

The content includes: Biochemistry, Cell anatomy and Physiology, Bioenergetics, Molecular Genetics, and all organ systems of the human body. The course includes a large and important lab component. This course is for students who enjoy Biology and wish to challenge themselves to a higher level than Anatomy and Physiology 12 as well as for those who wish to get a head start on their university education. Students may opt to write the optional AP Exam, which is offered in early May. Upon completion, students will receive credit for both Anatomy and Physiology 12 and Biology12AP (8 credits in total).

CHEMISTRY 11

Chemistry 11 is a lab-oriented course that will introduce students to scientific methods of experimentation. The topics include: study of atoms, molecules, matter, chemical reactions, solution chemistry and organic chemistry. A strong background in Mathematics would be beneficial in this course.

CHEMISTRY 11 HONOURS

Chemistry 11 (Honours) is the first part of the Advanced Placement Chemistry course. It covers the same topics as regular Chemistry 11 but at an AP level. Additional topics include: Nuclear Chemistry, Phase Diagrams, Raoult’s Law, Percent Composition, Purity and Yield Problems, Quantum Mechanics, and Nuclear Geometry. Students move through the standard curriculum more quickly than in the regular course allowing more time for greater depth and also for additional topics. In this course, the nature of matter will be investigated from a theoretical and an experimental approach.

CHEMISTRY 12

Chemistry 12 builds on concepts covered in Chemistry 11 and emphasizes the interaction of atoms, molecules, and ions. The course covers the study of Reaction Kinetics, Chemical Equilibrium, and Oxidation-Reduction. The concepts are reinforced through laboratory work. Through this investigation, students will gain an increased understanding of the importance of chemistry in the modern world.

CHEMISTRY 12 ADVANCED PLACEMENT

This course is prepared and examined by the College Board for Advanced Placement Program. The curriculum is the equivalent of a first-year university chemistry course. Chemistry 12AP provides students the opportunity to develop new levels of understanding in areas such as thermodynamics, kinetics, atomic structure, acids/bases and equilibrium. . The course includes a large and important lab component. Students may opt to write the optional AP Exam, which is offered in early May. Upon completion, students will receive credit for both Chemistry 12 and Chemistry 12AP (8 credits in total)

PHYSICS 11

In Physics 11 students develop and use mathematics tools and experimentation to study the nature of motion and the forces affecting motion. These are extended to the study of gravity, inertia, momentum and conservation of energy. The course also gives an overview of the nature of light, waves, relativity, time and electric circuits.

PHYSICS 11 HONOURS

Physics 11 (Honours) is the first part of the Advanced Placement Physics course. It covers the same topics as regular Physics 11 but an AP level. Additional topics include: Advanced Waves and Optics, Atomic Physics and Nuclear Physics. Students move through the standard curriculum more quickly than in the regular course allowing more time for greater depth and the study of additional topics, with an emphasis on lab work and critical thinking.

PHYSICS 12

Physics 12 is designed to provide students with grounding in the discipline of physics. The treatment of the core topics is more rigorous mathematically than in Physics 11. As well, there is a greater emphasis on the use of logical, analytical inquiry when dealing with the subject matter. Because of this detailed treatment, the range of topics is limited to two general areas – mechanics and electromagnetism, as follows: vector math, motion in two dimensions, universal gravitation, charges and currents, electro-magnetism, and atomic physics.

PHYSICS 12 ADVANCED PLACEMENT

If you have an interest in physics, engineering, computing or medical careers, you should consider AP Physics. This course is for students who wish to explore additional topics such as Thermal Physics, Fluid Dynamics, which are studied in first year physics courses. Also, topics covered in the regular Physics 12 course, Newtonian Mechanics, Electricity and Magnetism, are taken to greater depth here. Students may opt to write the optional AP Exam, which is offered in early May. Upon completion, students will receive credit for both Physics 12 and Physics 12AP (8 credits in total)

EARTH SCIENCE 11

This is a survey course designed to introduce and explore the diverse aspects of Earth Science. Topics include Astronomy, the formation and identification of Rocks and Minerals, Plate Tectonics, Geologic Time, and Surface Processes occurring on the Earth. The course has a significant hands-on component aimed at developing both the knowledge and the various skills of science.

GEOLOGY 12

This course is organized through the following units – Earth Materials, Surficial Processes, Time and the Fossil Record, Internal Processes and Structures, Resources and Comparative Planetology. It is a systematic and integrated study of the dynamic Earth through both theory and practice with both a local B.C. and extended world perspective. The course has a significant hands-on component aimed at developing both the knowledge and the various skills of science pertaining to the Earth.

SCIENCE FOR CITIZENS (formerly Science and Technology 11)

This course allows students to explore science and its application through technology. Topics include health science, health and healing practice, home technologies, waste recycling and disposal, combustive and explosive materials, forensic science, extreme weather events, disaster preparedness, agriculture practices and processes.

INDEPENDENT DIRECT STUDIES: SCIENCE

This course is designed for students who have taken a senior AP science 12 class (Biology, Chemistry or Physics) or will be taking one of the AP science 12 courses concurrently. A variety of topics will be investigated both experimentally and theoretically (depending upon student background and interest), which will expand on ideas introduced in their senior science classes. The extent of the investigation will be at the discretion of the student.

SOCIAL STUDIES

SOCIALS STUDIES 10

In Social Studies, it is hoped that students will learn more about themselves, each other, and the world we inhabit. In this course, students will develop critical thinking skills and understand how Canada, during the 20th Century, has been influenced by conflict, political decisions, ideology, changes in society, history, and geography. Students will demonstrate competency with the curriculum by conducting effective inquiry and research techniques. Students completing Social Studies 10 will have a sense of their own place in Canada's past and present, and their role in shaping the future.

SOCIALS STUDIES 10 HONOURS

Honours 10 students require excellent fluency in oral and written English, sophisticated and precise vocabulary, good control of organization and mastery of grammar and mechanics. Both courses develop higher level thinking skills as well as linkage to current events unfolding in the world today. Acceptance to Honours classes will be determined by an entrance exam on the recommendation of their Social Studies 9 teacher.

SOCIAL JUSTICE 12

This elective course focusses on increasing one's understanding of concepts and theories regarding the issues of marginalization and disenfranchisement which can impact communication between people from different backgrounds: racial, ethnic, ability, religious, cultural, gender, sexual orientation and socio-economic class. While enrolled in this course, students will actively engage with their local environment and enhance their learning through projects that reach out to the people in the community.

BC FIRST PEOPLES 12

This course has a British Columbia focus. Students will have an opportunity to develop an understanding of and appreciation for First Nations values, beliefs, customs and traditions. The past, present and future of First Nations will be examined along with the changes that have impacted on traditional First Nations' ways of life. A key purpose of the course is to increase students' awareness of cultural differences.

COMPARATIVE CULTURES 12

Comparative Civilizations 12 is a survey course designed to give students an understanding and knowledge of the accomplishments of past civilizations. This course will examine key individuals and the beliefs and values of European, Asian, African and Meso-American civilizations that have greatly influenced the world. Topics will include achievements in such disciplines as art, architecture, philosophy, religion, technology and history. This course will examine both European and non-European civilizations. Possible areas of investigation include:

The Stone Age	The Neolithic
Mesopotamia	Egypt of the Pharaohs
Classical Greece	Imperial Rome
The Byzantine Empire	Dark Ages/Age of Chivalry
The Renaissance	Early Islamic Civilization
Ancient Persia	The Emperors of China
Aztecs, Mayans and Incas	World Religions

It is expected that students in Comparative Civilizations 12 will study in detail at least four of the civilizations featured in the list above.

PHYSICAL GEOGRAPHY 12

Geography can be simply defined as the study of our earth. This course examines both Physical and Human Geography. Aspects of Physical Geography studied include such topics as: plate tectonics (earthquakes), volcanism (volcanoes), geology, climatology, meteorology (weather), glaciations (glaciers) and hydrology.

Investigations of these topics lead to an understanding of resources and resource management and man's interaction with an ever-changing environment. Topics in Human Geography include: cartography (map skills), the human use of earth's resources (types, exploration, development and conservation), population studies and environmental issues.

20th CENTURY HISTORY 12

History 12 is a survey course that covers important world events from the Treaty of Versailles through to the collapse of the Soviet Union in 1991. Close attention is given to examining in critical detail the significance of historical events, linkage between events, and a better understanding of the world today through examination of the past. This course has a mandatory in-class final.

LAW STUDIES 12

Law 12 is an introductory law course designed to provide students with an overview of the Canadian legal system. This course will survey the history of law, criminal law, civil law (tort law), employment law, contract and consumer law, and family law. Law 12 will also feature an in-depth study of human rights focusing on the Canadian Charter of Rights and Freedoms and Human Rights legislation. This course includes guest speakers, field trips, mock trials, illustrative cases and the interpretation of legal document

TECHNOLOGY EDUCATION

Pinetree's Tech. Ed. programs offer a variety of exciting and fun focus areas designed for all students. Grade 11 courses are open to Grade 10/11/12 students, and Grade 12 courses are open to Grade 11/12 students if they have completed the Pre-requisite. Take part in the fun and challenge of exploring, designing, creating, and problem solving. 'Tech Ed' is definitely a 'hands-on' experience where learning comes from doing. Try something new! Try Tech Ed!

CARPENTRY & JOINERY

WOODWORK 11

No Pre-requisite

WOODWORK 11 is a fun, hands-on, entry level course similar in intent to Woodwork 9. It is intended for Grade 10 through 12 students with little or no woodwork experience. Students new to woodwork earn a Grade 11 credit while following a beginner curriculum focused on safe, skill building. Students will explore the fundamentals of woodwork and furniture construction while designing and building a table. All the major machine tools will be taught so students can work safely and successfully. If you are thinking about a career in the woodwork industry or you just want to design and build cool stuff, then Woodwork11 is the place to be.

NOTE: Those students returning from Wood 9 should sign up for WOODWORK 11 but will be seeded into an intermediate/senior class with WOODWORK 12 students. (AS)



WOODWORK 12

Pre-requisite: WOODWORK 9 or 11

WOODWORK 12 is a second/third level course where students will learn by doing, taking the skills they acquired in beginner Woodwork 9/11 to the next level. We begin with a series of skill building projects designed to sharpen skills each designed to teach tool use and safely add next level tools to our skills list, like the table-saw and stroke sander so students are then use these skills to build our major project which, at this time, is a jewelry box or equivalent. pics) to enhance and personalize our designs. The focus of this course is on learning by making,



processes at the intermediate level. Then we learn how to more independent and can build more involved projects. We This may also involve the use of our laser engraver (see below doing and creating beautiful things! (AS)



FURNITURE AND CABINETRY 12: WOODWORK 12

Furniture and Cabinetry 12 is a third/fourth level course that will focus on furniture construction, quality design, a variety of materials (primarily solid wood), joinery, construction techniques and wood finishing. Student will be assigned a series of skill building projects and will spend most of their class time building and making. Once these assigned projects are completed students can design, plan and build custom pieces of furniture within guided themes. Students will be involved in all stages of the decision-making process and to a large extent will determine the direction and success of their experience. Furniture and Cabinetry 12 is designed for students who really enjoy working with wood, want to learn more and develop their skills and want to build beautiful things. (AS)

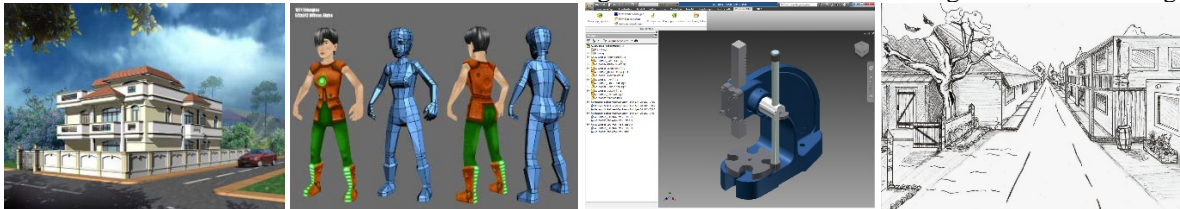


DRAFTING & DESIGN DRAFTING 11

No Pre-requisite

DRAFTING 11

DD 11 is an entry level course which will provide students with a chance to explore various areas of drafting and design. Students will begin with an introduction to basic drafting with both hand and computer skills being covered and will primarily focus on the 3D environment. Software such as AutoCAD, Inventor, 3D Max, SketchUp and Adobe Illustrator will be also be taught; students can download free versions at home for further personal development. The remainder of the course will be focused on using and developing these skills to solve real world design problems in Architecture, Interior Design, Engineering, Animation and Product Design focused areas. The course finishes with a group assignment which involves a culmination of all skills covered during the course. In this final challenge students will design and create their dream home. (AS)



DRAFTING 12

Pre-requisite: Drafting & Design 11

Drafting 12 is a Level 2 course for those with basic experience in Drafting, who wish to further pursue these interests. The goal will be to develop intermediate to advanced skills in Architecture, Interior Design, Engineering, Computer Animation and Product Design. Students will focus on exploring various forms of 3D modeling whilst considering form, function, structure, design principles & elements, cultural & historic influences, prominent designers, architectural styles, 2D & 3D sketching and technical drawing.

The course will also include a portfolio development unit in which students will acquire skills and materials useful to them in future employment and academic applications. (AS)

DRAFTING 12: Advanced Design Independent Study (IDS)

Pre-requisite: Drafting & Design 12

Drafting 12 (IDS) is an advanced Level 3 course designed as a guided independent study (IDS) where students will explore and develop their design passions. Students must have completed Drafting & Design 12 (see above) before taking this course. At this level some form of liaison with local companies and institutions will be developed to allow the student to experience the “real world” of design first hand. The course will also include a portfolio development unit in which students will acquire skills and materials useful to them in future employment and academic applications. Possible areas include architecture, mechanical drawing, animation, CAD/CAM, engineering, fashion design, sign making and commercial design. (AS)

AUTOMOTIVE TECHNOLOGY

VEHICLE MAINTENANCE 11

VM 11 is not a Pre-requisite leading to Automotive 12

Vehicle Maintenance 11 is a hands-on course offered to both female and male students and is designed to help students become empowered automobile users. The course is offered to Grade 10, 11 and 12 students and will cover everything from how to get your driver's license to how to select, insure, operate and maintain a vehicle. You will learn how to do basic vehicle maintenance as well as how to work with a service professional to get more serious work done on your car. Once students complete the fundamentals, they will have the option to take their learning to the next step and perform basic repair procedures. This is a fun course and does not require any prior automotive experience. It is not intended for those considering the automotive trade. This course should appeal to any new or soon-to-be new driver!

AUTOMOTIVE TECHNOLOGY 11

No Pre-requisite

This course is designed to provide a basic education in areas related to the automotive industry. Students are permitted as much latitude as possible to develop their skills from either a general interest or a career point of view. This course is a mixture of related theory and practical experience. Emphasis is on general concepts and theories as well as shop safety and the correct use of tools and equipment used in the maintenance and repair of automobiles. (AS)

AUTOMOTIVE TECHNOLOGY 12

Pre-requisite: Automotive Technology 11

This Level 2 course builds upon the groundwork of Automotive Technology 11. Further theoretical work and comprehensive practical work are undertaken. The scope of the course is limited only by the interest and ability of the student. Emphasis is placed on practical experience, work organization and theoretical knowledge. (AS)

AUTOMOTIVE TECHNOLOGY 12: Engine &

Drive Train Pre-requisite: Automotive Technology 12

This Level 3 course is for career focused students wishing to enter the automotive industry and for students wanting more practical experience in an automotive shop. The course focuses on "Engines and Drive Trains" with emphasis on "hands-on" work. (AS)

OTHERS

ART METAL & JEWELRY 12

No Pre-requisite

Art Metal & Jewelry 12 is an introductory course open to students of all abilities from Grades 10 through 12 who love the idea of designing and creating jewelry and artistic metalwork. Intended topics will include: design; sketching & drawing; safety; tool use; fabrication, wirework, jump ring jewelry, chainmail, investment casting, etching, silver soldering, forming, texturing, working with beads and semi-precious stones, metals and other mixed materials and much more. Our new laser engraver/cutter brings amazing new design potential to this course. Projects will be based on student interest and will embody certain skills within themes. We make rings, pendants, earrings, bracelets, hammered copper work, metal sculpture, belt buckles, castings, coin jewelry, scroll work and much more. If working with metal and related materials to make jewelry and other cool things sounds like fun, then this is the course for you! (AS)



POWER TECHNOLOGY AND ENGINEERING 11. (Engineering 11)

No Pre-requisite

This course is geared toward the mechanically inclined student looking for an introduction to mechanical engineering systems and manufacturing. This hands-on project-based course is open to students in Grades 10, 11 and 12. We will be building various mechanical machines and systems that will be powered in various ways. Students will use tools, machines and processes to solve design challenges related to energy and power. All types of mechanical systems such as small engines, bicycles, hydraulic, pneumatic, electromagnetic devices and motors will be included to explore the practical applications of the concepts & theories taught in academic courses. A strong focus is put on shop safety and the proper use of tools, equipment and shop procedures. (AS)

WORK EXPERIENCE 12

See your counsellor before enrolling in Work Experience 12. Students must fill out an application form. See backside of course Planning Sheet.

This course will allow students to:

1. Explore a career of interest
2. Gain “on the job” experience
3. Network with professionals
4. Gain job readiness skills
5. Cover several components of Career Life Education 12 to include:
 - Resume writing
 - Interview skills

The course consists of:

- up to 90 hours of work experience

Work experience job placement possibilities include:

ART-Graphic artist, Mural painter, Animator, Brochure/Poster designer, Community/City art work

BUSINESS (General & Applied) - Accounting, Clerical, Marketing, Event planning, Banking

CARPENTRY and JOINERY - Construction worker, Cabinet maker

CHILDREN SERVICES - Daycare, Pre-school, School teacher

CULINARY ARTS - Cook

DRAFTING - Draftsman, Architect, Engineering firms

ENGINEERING FITNESS & RECREATION - Fitness Trainer, Recreation Worker

HEALTH SCIENCE - Nurse, Veterinarian, Dental assistant, Lab technician

JOURNALISM - Local newspaper writer

LAW - Police officer, Lawyer, Politician

MECHANICS (and COMPUTER SYSTEMS TECHNICIAN) - Mechanic, Auto body worker

MEDIA ARTS - Website designer, Animator

MUSIC

SCIENCE (General & Applied) - Dental office, Pharmacist, Physiotherapist, Vancouver Aquarium

TEACHING - Elementary school teacher

THEATRE - Local Theatre Company, Small television companies

TOURISM - Hotel management, Marketing, Tour Companies, Restaurants

SECONDARY SCHOOL APPRENTICESHIP & ACE-IT

(Accelerated Credit Enrollment in Industry Training)

If you are interested in a career in the trades you can register in an Apprenticeship, ACE-IT, or both programs.

Secondary School Apprentice (SSA)

Earn while you learn and receive credit.

The Secondary School Apprentice program is designed for high school students who are currently employed or seeking a job in a trade that hires apprentices.

(Examples include: construction workers, cooks, mechanics, and auto body)

This program will allow students to:

1. Gain high school credit (every 120 hour of work earns 4 credits to a maximum of 16 credits)
2. Get a head start in receiving apprenticeship credit towards the completion of the “on the job” component of the Industrial Training Program

3. Earn money and learn valuable skills doing a job you love
4. Be eligible for \$1,000 scholarship upon completion
5. Complete Grad Transitions - 80 hours work experience

YOUTH WORK IN TRADES PROGRAM

WORK IN TRADES, previously called *Secondary School Apprenticeship*, is for high school students who have – or may soon have - a full or part-time job in a trade (examples include: construction workers, cooks, mechanics, autobody, electrician). The apprenticeship program lets you earn up to 16 credits toward graduation for paid work. Each 120 hours worked plus completing short written assignments equals 4 credits of high school credit. At the same time, your work hours will count towards completion of the “on-the-job” training component of certification in that trade. You can also qualify for a \$1,000 Work In Trades scholarship. The scholarship does **NOT** need to go towards further training in the trades. Also, the scholarship is criteria-based. This means, the more students who qualify, the more scholarships that are given.

To participate in this program, students will need to find a sponsor employer who will provide you with a minimum of 120 hours of paid employment. For more information about these courses, please visit <http://www.sd43.bc.ca/CareerPrograms/> or contact Brett McLean bmclean@sd43.bc.ca

Courses offered

WRK 11A- 120 hours of paid work (4 credit course)

WRK 11B- 120 hours of paid work (4 credit course)

WRK 12A- 120 hours of paid work (4 credit course)

WRK 12B- 120 hours of paid work (4 credit course)

For more information about Work In Trades, please watch the [Work In Trades Video](#) on our YouTube Channel.

2018-19 Trades Training Programs: [for students still attending high school]

For more information and applications, visit: 43Careers.com or email: CareerPrograms@sd43.bc.ca

TRADE PROGRAM	PROGRAM DETAILS				MINIMUM REQUIREMENTS
	Grade	Cost	Time	Location	
<u>Automotive Service Technician</u>	Gr. 12 (16 seats)	@ \$400	Sem 2	Centennial	<ul style="list-style-type: none"> ▪ Automotive 11 <u>and</u> Automotive 12 (C+) ▪ English 12 ▪ any Math 11 (C+)
<u>Automotive Collision Repairer</u>	Gr. 12 (1-2 seats)	@ \$800	30 weeks beginning in late September (Mon – Thurs)	VCC (Broadway)	<ul style="list-style-type: none"> ▪ English 11... plan for completing English 12 ▪ any Math 11 (C+)
<u>Automotive Refinishing Prep. Tech.</u>	Gr. 12 (1-2 seats)	@ \$800	Sem 2 (Mon – Thurs)	VCC (Broadway)	<ul style="list-style-type: none"> ▪ English 12 ▪ any Math 11 (C+)
<u>Baker</u>	Gr. 11 & 12 (1 - 2 seats)	@ \$1,200	Sem 1 (Mon – Thurs 1.00pm – 7.30pm)	VCC (Downtown)	<ul style="list-style-type: none"> ▪ English 11 ▪ any Math 11 (C+) ▪ Food Safe Level 1
<u>Bricklayer</u>	Gr. 12 (6 seats)	@ \$275	Sem 1 (Mon – Thurs)	Thomas Haney Sec. (Maple Ridge)	<ul style="list-style-type: none"> ▪ English 11 ▪ any Math 11 (C+)
<u>Carpenter</u>	Gr. 11 & 12 (16 seats)	@ \$275	Sem 2	Terry Fox + BCIT (6 weeks)	<ul style="list-style-type: none"> ▪ English 11 ▪ Woodworking 11 (and ideally Woodworking 12) ▪ any Math 11 (C+)
(Professional) <u>Cook</u>	Gr. 11 & 12 (6-8 seats per site)	@ \$375	Sem 2	Two options: Gleneagle or Centennial	<ul style="list-style-type: none"> ▪ English 11 <u>and</u> Food Safe Level 1 ▪ 2 Cooking courses: Cook Train 11, Cook Train 12, Foods & Nut. 11, and/or Foods & Nut. 12
<u>Electrician</u>	Gr. 11 & 12 (18 seats)	@ \$300	Sem 1	Dr. Charles Best	<ul style="list-style-type: none"> ▪ English 11 ▪ Math 11 Foundations ▪ Physics 11
<u>Hairstylist</u>	Gr. 12 (1-2 seats per intake)	@ \$3,000	10 months (4 intakes: Sept, Jan, Mar, May)	VCC (Downtown)	<ul style="list-style-type: none"> ▪ Full completion of Grade 11 ▪ plan for completing English 12
<u>Heavy Duty Mechanic</u>	Gr. 12 (1-2 seats per intake)	@ \$1,500	36 weeks (4 intakes: Sept, Nov, Apr, July) Mon - Thu	VCC (Annacis Island)	<ul style="list-style-type: none"> ▪ Full completion of Grade 11... plan for English 12 ▪ Automotive 11 <u>and</u> Automotive 12 (C+) ▪ any Math 11 (C+)

<u>Cabinet Maker (Joiner)</u>	Gr. 12 (1 seat per intake)	@ \$800	26 weeks (2 intakes: Oct + Mar)	BCIT (Burnaby)	<ul style="list-style-type: none"> ▪ Full completion of Grade 11... plan for English 12 ▪ Woodworking 11 <u>and</u> Woodworking 12 (C+) ▪ any Math 11 (C+)
<u>Metal Fabricator</u>	Gr. 12 (2 - 3 seats)	@ \$350	Sem 2	BCIT (Burnaby)	<ul style="list-style-type: none"> ▪ Full completion of Grade 11 <u>and</u> English 12 ▪ any Math 11 (C+) ▪ Metal 11 (and ideally Metal 12)
<u>Millwright</u>	Gr. 12 (1 - 2 seats)	@ \$1,200	Sem 2	BCIT (Burnaby) <u>or</u> KPU (Cloverdale)	<ul style="list-style-type: none"> ▪ Full completion of Grade 11 <u>and</u> English 12 ▪ any Math 11 (C+)
<u>Motorcycle Mechanic</u>	Gr. 12 (1 - 2 seats)	@ \$500	Sem 2	BCIT (Burnaby)	<ul style="list-style-type: none"> ▪ Full completion of Grade 11 <u>and</u> English 12 ▪ any Math 11 (C+)
(Commercial) <u>Painter</u>	Gr. 11 & 12 (3 seats)	\$0	6 weeks... beginning in mid- June	Finishing Trades Institute (Surrey)	<ul style="list-style-type: none"> ▪ Full completion of Grade 11
<u>Plumber</u>	Gr. 12 (6 seats)	\$0	6 weeks... beginning in mid- June	Piping Indus. Coll. (Annacis Island)	<ul style="list-style-type: none"> ▪ Full completion of Grade 11 ▪ any Math 11 (C+) ▪ Work Experience 12 – with a “plumbing” placement
<u>Refrigeration Mechanic</u> (New – Sept 2018)	Gr. 12 (1 - 2 seats)	@ \$800	19 weeks... beginning in late- Sept to mid-Feb	Joint Apprentices Refrig. Train. School (JARTS)	<ul style="list-style-type: none"> ▪ Full completion of Grade 11, <u>plus</u> a plan for Eng. 12 ▪ Math 11 Foundations (C+) ▪ Physics 11
<u>Sheet Metal Worker</u>	Gr.12 (1 seat)	@ \$500	Sem 1	BCIT (Burnaby)	<ul style="list-style-type: none"> ▪ Full completion of Grade 11 ▪ any Math 11 (C+)

“Youth **TRAIN** in Trades” Programs

The **TRAIN** programs are a great way for students to take advantage of **tuition-free, level 1 training** in **19+ trades** programs.

For more information visit www.43Careers.com or call/text **Doug MacLean** at **604-341-8977**.

Trade Name	Program Details				
	Open to	Student Cost	Time & High school Credits	Location of Program	Pre-requisites (recommendations)
Automotive Service Technician	gr 12s + 1 st year after grad	≅ \$400	Semester 2 16 credits	Centennial	<ul style="list-style-type: none"> Completion of Auto 11 <u>and</u> Auto 12 (“C+”) English Lang Arts 12 any Math 11 (“C+”) “L” driver’s license and good computer skills
Automotive Collision Repairer	gr 12s + 1 st year after grad	≅ \$800	Semester 1 + 2 Mon – Thurs 28 credits	VCC (Broadway)	<ul style="list-style-type: none"> any Math 11 (“C+”) a plan for: English Language Arts 12 Recommended: at least one Auto course
Automotive Painter	gr 11s, 12s + 1 st year after grad	≅ \$800	Semester 2 20 credits	VCC (Broadway)	<ul style="list-style-type: none"> English Language Arts 12 any Math 11 (“C”) Recommended: “L” driver’s license Recommended: at least one Auto course
Baker	gr 11, 12s + 1 st year after grad	≅ \$1,200	Sem 1 (early Aug – Jan) Mon - Thurs: 1pm – 7.30pm) 24 credits	VCC (downtown)	<ul style="list-style-type: none"> English Language Arts 11 Food Safe Level 1
Bricklayer	gr 11, 12s + 1 st year after grad	≅ \$275	Semester 1 16 credits	Pitt Meadows Sec. (Maple Ridge)	<ul style="list-style-type: none"> English Language Arts 11 any Math 11 (“C+”) Physical ability to do the job
Carpenter	gr 11, 12s + 1 st year after grad	≅ \$425	Semester 2 16 credits (20 credits with WEX 12a)	Terry Fox (15 weeks) BCIT – Burnaby (6 weeks)	<ul style="list-style-type: none"> Woodworking 11 (and ideally Wood 12) any Math 11 (“C+”) Strongly recommended – Drafting 11
Professional Cook	gr 11, 12s + 1 st year after grad	≅ \$400	Semester 2 16 credits	Three site options: Gleneagle, Centennial or Riverside	<ul style="list-style-type: none"> Food Safe Level 1 Cook Training 11 and/or 12 or Foods & Nut. 11 and/or 12 (ideally two or three of them)
Electrician	gr 11, 12s + 1 st year after grad	≅ \$300	Semester 1 16 credits	Dr. Charles Best	<ul style="list-style-type: none"> Math Foundations 11 (“C+”) Physics 11 Recommended – a Tech Ed 10 or 11 course

Hairstylist	gr 11, 12s + 1 st year after grad	≈ \$3,000	10 months (3 days/wk) Intakes: wide variety 40 credits	VCC (downtown)	<ul style="list-style-type: none"> ▪ Full completion of Grade 11 ▪ a plan for: English Language Arts 12
Heavy Duty Mechanic	gr 12s + 1 st year after grad	≈ \$1,600	9-month program Mon – Thurs Intakes: Sept, Nov, Apr, July 28 credits	VCC (Annacis Island)	<ul style="list-style-type: none"> ▪ Full completion of Grade 11 ▪ any Math 11 (“B”) ▪ Auto 11 (“B”) ... ideally Auto 12 (“B”)
Cabinet Maker	gr 12s + 1 st year after grad	≈ \$600	26-week program Intakes: Oct + Mar 28 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> ▪ Full completion of Grade 11 ▪ Wood 11 <u>and</u> Wood 12 ▪ a plan for: English Language Arts 12
Metal Fabricator	gr 12s + 1 st year after grad	≈ \$400	Semester 2 20 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> ▪ Full completion of Grade 11... any Math 11 (“C+”) ▪ English Lang Arts 12
Millwright	gr 12s + 1 st year after grad	≈ \$1,200	BCIT – Sem 1 and 2 intakes KPU – Sem 2 24 credits	BCIT (Burnaby) KPU (Cloverdale)	<ul style="list-style-type: none"> ▪ Completion of gr 11 <u>and</u> 12 English Lang Arts ▪ any Math 11 (“B”)
Motorcycle Mechanic	gr 12s + 1 st year after grad	≈ \$500	Semester 1 and 2 intakes 16 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> ▪ Completion of Grade 11 <u>and</u> 12 English Lang Arts ▪ Recommended – Automotive 11
(commercial) Painter	gr 11, 12s + 1 st year after grad	≈ \$0	Late June start and runs for 6 weeks 4 credits	Fin. Trades Inst. (Surrey)	<ul style="list-style-type: none"> ▪ Full completion of Grade 11 ▪ English Lang Arts 12
Plumber	gr 11, 12s + 1 st year after grad	≈ \$200	Late June start and runs for 6 weeks 4 credits	Piping Ind. College (Annacis Island)	<ul style="list-style-type: none"> ▪ any Math 11 (“C+”) ▪ Work Experience 12 with a “plumbing” placement, or have previous plumbing experience
Refrigeration Mechanic	gr 12s + 1 st year after grad	≈ \$700	Late Sept to mid-Feb 20 credits	JARTS (Port Kells, Surrey)	<ul style="list-style-type: none"> ▪ Math Foundations 11 (“B”) ▪ Chemistry 11 ▪ Physics 11
Sheet Metal Worker	gr 12s + 1 st year after grad	≈ \$400	Semester 1 16 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> ▪ Full completion of Grade 11 ▪ any Math 11 (“C+”)
Welder	gr 12s + 1 st year after grad	≈ \$800	Semester 2 28 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> ▪ Completion of gr 11 <u>and</u> 12 English Lang Arts ▪ any Math 11 (“C+”) ▪ Metal 11, and ideally 12

“Youth **WORK** in Trades” Program

The **WORK** program is a great way for students earn **high school credits**, get **paid** and obtain **certification hours**. If you are presently working/ed in a trade or thinking about it, you can get more information by visiting www.43Careers.com or calling **Joanna Horvath** at **604-312-7739**.

Program Details					
Course Name(s)	Open to	Student Cost	High school Credits	Location of Program	Requirement
Work 11a, 11b, 12a + 12b	Grades 10s, 11s, 12s + 1 st year after grad	\$0	For each 120 hrs worked as a paid tradesperson, plus online course work, = 4 credits, up to 16 credits	Working in the community as a paid employee in a trade	▪ you are presently working with a certified tradesperson

“Youth **EXPLORE** in Trades” Programs

Interested in a potential career in the trades but are not sure which one to take?

The **EXPLORE** program allows you to “test drive”, **tuition-free**, a variety of trades, earn some certifications and give you a better understanding of which one you might want to **TRAIN** in after completing. To get more information, call/text **Doug MacLean** at **604-341-8977**.

Program Details					
Trade Program	Open to 1-2	Student Cost	Time & High school Credits	Location of Program	Pre-requisites (recommendations)
Trades Sampler	Grades 11s, 12s + 1 st year after grad	≅ 300 + safety shoes and glasses	Semester 2 (early Feb to late April) 12 credits	BCIT (Burnaby mostly, but will visit their other 4-5 campuses)	<ul style="list-style-type: none"> ▪ Completion of Grade 11 requirements ▪ English Lang Arts 12 ▪ any Math 11 (“C+”)
	<p><u>Students in the Feb 2018 class experienced 1-4 days in each of the following areas:</u></p> <ul style="list-style-type: none"> ▪ TRADES = Aerospace, Motorcycle Mech, Auto Collision, Auto Service Tech, Sheet Metal, Carpentry, Welding, Electrical, Machinist, Millwright + Ironworker ▪ TRAINING & CERTIFICATIONS = General Safety, WHMiS, OFA 1, Fall arrest/protection, Hilti, Fit Test, Lift Truck + Fire Protection 				