

PORT MOODY SECONDARY SCHOOL



**Course Selection
2009 - 2010**

Grades 10, 11, & 12

This Course Selection book provides students and parents with the necessary information to develop a meaningful educational plan for the graduation program. **The individual courses open to students at each grade level are identified on the grade level course selection sheets.** Please refer to the grade specific sheet.

These sheets are made available to students each year through school

School Supplies Notice

School supplies allow students to experience activities and construct projects which meet the learning outcomes of each course. The school supports the desire of some students to move beyond the basic project with the understanding that the supplies required to accomplish this are the responsibility of the student.

“Please note that due to the need for further clarification regarding course fee requirements, the course descriptions found in the calendar are subject to change.”

~ Important Dates ~

January 21rd/22th, 2008

IB Information Night for 2008/2009 New Students, 7:00 to 8:30, Multi-Purpose Room

February 16th/17th

Course Planning Forms distributed to current Grade 9 students during English or Science Class

February 18th

Course Planning Forms distributed to current Grade 10 and 11 Students

February 19th

Parent Information Evening, Future Grade 10, 11, 12 students, 7 to 8 pm, Multi-Purpose Room

February 24th/25th

Course Selection Forms Due. On-line registration.

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~ SCHOOL DISTRICT NO. 43 (COQUITLAM) ~

Mr. Tom Grant, Superintendent of Schools

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~ PORT MOODY SECONDARY SCHOOL ~

Port Moody Senior Secondary was officially opened on September 7th, 1973. Its history goes back to the old Moody High School, which was destroyed by fire on March 15th, 1969.

Our school is located on the hill overlooking the eastern end of Burrard Inlet and the city of Port Moody. The school crest, in navy and sky blue, depicts a phoenix, the mythological bird that was said to have arisen from the flames of destruction.

A new era for the school began in September 1998, as the school became Port Moody Secondary School incorporating grades 9 through 12.

300 Albert Street ~ Port Moody, BC ~ V3H 2M5

Phone: 604 939-6656 Fax: 604 939-5833

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Website: www.pmssblues.net

EDUCATIONAL PLANNING

Planning for Success

As a student at Port Moody Secondary School the path to future success relies on your active involvement. The key to success is you! Good planning takes time and thought. Your course selection is an important decision. Discuss your goals with your parents and counsellor.

Many opportunities are available here at Port Moody Secondary School. Make your high school years challenging as well as enjoyable.

The following information is provided to assist you with your course selection for the next year. The requirement of student and parent signatures supports thoughtful planning for the upcoming school year. Your completed course selection form indicates your commitment and responsibility to complete the courses that you have selected. Course loading gives priority to students of the appropriate grade level and students who have selected the course for the first time. Our school timetable and the required staffing of the school are a direct result of your requests, therefore course changes are difficult to accommodate, especially once classes are in session and the semester is underway.

Students are required to maintain a full course load during each semester. Port Moody Secondary is committed to supporting students to reach success in their courses especially when students face difficult challenges. Determination is an important part of the Port Moody journey. Due to timetable constraints, it may not be possible to repeat courses or upgrade marks during subsequent semesters. The opportunity for repeating courses or improving marks is available through summer school and in some cases through School District No. 43 (Coquitlam) Continuing Education Department.

Parent Responsibilities for Good Student Attendance

Make school attendance a high priority in your home! Every day is important ... from the first day of school to the last day of school. Absence by a student means a missed learning opportunity, which is impossible to regain in its entirety.

Home

- a** Discuss the importance of daily attendance and academic achievement with your child.
- a** Encourage prompt regular attendance.
- a** Ensure transportation needs are met.
- a** Recognize positive work habits.
- a** Know what is going on in your son/daughter's life at school and elsewhere.

Good Communication with the School and Teacher(s)

- a** Provide updated and accurate emergency contact information.
- a** Make sure your child's medical/immunization records are up to date.
- a** Monitor your child's daily school attendance.
- a** Maintain contact with your child's teachers regarding performance and attendance.
- a** Attend parent/teacher/student conferences as needed.

Absences

- a** Encourage daily attendance by ensuring that excused absences are for medical, urgent family issues, and personal safety issues.
- a** Contact the school if your child is going to be absent for a full, partial, or series of days.
- a** Direct your child to check in at the office if they are late or need to leave before the end of the day.

Tips for Parents

Potential Warning Signs of Poor Attendance: Students are considered to be truant if they are absent from school without a valid reason. Attendance concerns do not usually occur without warning signs or possible reasons. You, as parents, should be aware of signs that youth often exhibit when they are truant.

Warning Signs	Possible Reasons
- unable to share any details about his or her daily school activities	- having learning difficulties and may be unable to keep up with the rest of the class
- not bringing home any communication in writing	- not motivated to be successful in school
- failing multiple classes	- showing signs of depression
- tardy to school, fails to arrive at school, or leaves school without permission	- afraid of being bullied, harassed, or fears physical harm
- hanging out with others who are known to skip school	- having language or cultural difficulties at school
- complaining of illnesses but has no outward signs of illness	- involved in the use of drugs or alcohol
- involved in frequent disputes with teachers or classmates	- family issues that may be causing additional stress
- without homework and may often have an empty book bag	
- arriving home from school earlier or later than the expected time	
- staying out late on a school night	
- refusing to get up for school or is engaging in prolonged dawdling	
- automated phone call home stating that your son or daughter has missed one or more classes	

Play an active role in the education of your son/daughter

Alert school personnel if you become aware of problems at school or problems that are otherwise out of your immediate control.

You should first discuss the problem with your child and if necessary, seek assistance from the classroom teacher or counsellor.

Student Services

Counselling: The counselling approach at our school is one of providing assistance for students, parents and teachers within the educational milieu. Each counsellor is responsible for following the progress of approximately 400 students. Although students are assigned to specific counsellors, they may seek help from any counsellor. In dealing with students, counsellors have four major goals:

- to provide students with an opportunity to air their scholastic and personal problems in a confidential and understanding environment,
- to provide students and parents with relevant information on courses and on other programs offered in the school,
- to make available small group counselling sessions on various topics related to personal issues such as self-esteem, stress management, relationships or health issues,
- to provide students with assistance in vocational decision-making through speakers, testing, and career information.

Career Resource Centre: The Career Resource Centre (located on the third floor) provides students with a variety of career, post secondary, scholarship, bursary, and loan information. Students can utilize the computers to access post secondary information on the Internet and do career assessment through the Career Cruising and Bridges programs. Computer based programs and publications are available for students to explore career possibilities. Internet sites and institution publications are used to assist students in locating college and university programs and information in regards to admission. There is a variety of college and university calendars, applications and information booklets available for the students to take home. Scholarship information is available in the form of information booklets and handouts. Students interested in attending post secondary institutions and/or receiving scholarships are encouraged to visit the Career Resource Centre on a regular basis. Our Career Resource Facilitator is available from 8:30 to 4:00.

Library Resource Centre: The library is a 'service' not just a place. Our Library Resource Centre is a focal point in the academic life of the school. It provides an area for independent study, leisure reading of the many high interest magazines and best selling fiction, a game of chess, as well as a research facility for scheduled classes. Students are encouraged to take advantage of the computer facilities which offer a wide variety of programs. Traditional print material for research and independent study is also available for loan.

Learning Resource Centre: Port Moody Secondary School offers cross-curricular academic support for students with identified learning difficulties. Requests for access to the Learning Resource Centre may be initiated by students, parents, teachers, and counsellors and will then be referred to the School Support Screening Team.

Learning Assistance Centre: Port Moody Secondary School offers cross-curricular support for students with mild to moderate difficulties in learning and adjustment. Requests for support may be initiated by students, parents, teachers, and counsellors and will then be referred to the School Support Screening Team.

Skill Development Centre: Skill Development is designed for students with special needs and learning difficulties. Goals are set according to each student's strengths and needs and are detailed in an Individual Education Plan. Completion of Skill Development does not result in credit towards graduation. Work habit marks and written comments only, not letter grades, are given.

Work Experience Programs: Work experience opportunities with local businesses are available to students in a variety of fields. Students should see their counsellor for further information.

Support Centre: The behaviour program takes into account the individual student's social development to provide a program designed and implemented to meet the student's academic and social needs in a safe and positive environment. The primary goal of the behavior program is to provide an environment which will promote a fundamental change in the individual's self concept and make re-integration into the mainstream school population successful.

School District No. 43 (Coquitlam)

PROGRAMS OF CHOICE

The following programs are offered on a limited enrolment basis in one or more secondary schools in our district. There . Students who have an interest in enrolling in any of these "Programs of Choice" should contact their home school counsellor for further information.

(Please check the School District's website for the latest in Programs of Choice offerings at www.ds43.bc.ca)

PROGRAMS**AP / Honours**

A coordinated program of enrichment for grades 9-12. Students will be selected for honours classes in core areas, after an application process. In the senior years student will be prepared to enter AP (Advanced Placement) classes. These courses allow students to work together in challenging environments that will gradually acclimatize them to the rigours of university classes. (Pinetree, Gleneagle)

Coquitlam Outdoor Academic School Term (COAST)

This is a once in a lifetime opportunity for Grade 10 students to participate in an outdoor environmental education program while completing their Grade 10 course requirements. The program consists of one semester of regular classes where the students would take Math 10, Science 10, Planning 10, and an elective. P.E. 10, P.E. 11, Leadership 11, English 10 and Socials 10 (with integrated field studies). Coast activities include: cross country skiing, snowshoeing, hiking, indoor rock climbing, cycling, ocean kayaking, canoeing (level 1 flat water certification), basic St. Johns First Aid Certification and 'Leave No Trace' Ethics. (Gleneagle)

Computer Networking 11 and 12

This program connects students in Information Technology Management with a challenging career in the computer networking field. Students are linked with both business and post secondary opportunities. (Riverside)

BCIT Computer Systems Network (A post-secondary program available to grade 12 graduates)

In a partnership with BCIT, Riverside offers high school graduates a full-year post-secondary program with no tuition fees. The Computer Systems Network program is the initial year of a two-year diploma program covering computer hardware, operating systems, networking, and internet technology. Upon successful completion at Riverside, students may enroll in the second-year program held at the BCIT Burnaby campus. Students will select either the Internet Systems Technician or Network Systems Technician diploma program. (Riverside)

Coquitlam Teen Parenting Program

This program is designed to enable pregnant and parenting teens to continue with their education in a supportive and flexible environment. Courses are offered in a variety of ways including self-paced, structured classes and other options. Students are able to enroll in courses at CAFE or at a district secondary school depending upon program availability. Information and courses on children and parenting skills are an important aspect of the program. The YMCA Little Scholars Childcare infant and toddler program is available on site and allows parents to be actively involved with their child while continuing their education. *Please call: 604-939-4522 for additional information.* (CAFE)

Dance (Performance Dance)

Students need to be experienced dancers who display dance abilities via an audition. Focuses specifically on performance skills. (Port Moody, Terry Fox)

Environmental Science 9/10

These programs offer a wide range of local ecology and environmental issues. This program includes a lot of lab work and field trips to community-based projects. (Gleneagle)

Experiential Studies 10

This program will combine Science 10, Earth Science 11, Social Studies 10, and Physical Education 10. All curriculum requirements for these programs will be met. The program aims to extend and enrich a student's understanding of these four courses. The subjects will be taught in a manner that integrates traditional class work, science labs, projects, and field studies. The field experiences will vary from one to three day trips to one larger two-week trip. Field experiences may center on subjects like biology, geography, geology, history, etc. while doing activities such as kayaking, mountain biking and hiking. Students must attend school for the entire year as there are activities and fundraising held in Semester 1. (Centennial)

Fish & Wildlife 12 (Fisheries Ecology 12)

Students in this program play an important role in protecting and enhancing the local environment. Major projects involve the operation of Mossom Creek Hatchery, water quality of local streams, marine studies of harbour seals and plankton, streamside vegetation identification, small vessel operation and VHF radio certification, and environmental outreach via public fairs and visits to elementary classrooms. Fall semester only. (Centennial)

French Immersion

The French Immersion program has several goals that enable students to achieve, reach and become functionally bilingual. (Riverside, Charles Best)

Global Perspectives 12

An exciting program 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. This year long program is integrated with Career Preparation Work Experience. Students will be encouraged to develop a vision for their futures, including personal goals, career directions and educational opportunities. (Pinetree)

International Baccalaureate

The International Baccalaureate (IB) program has been adopted as a district program to ensure that all highly motivated and talented secondary students have equal access to the opportunities provided through this internationally renowned program. This is a district-wide program that offers a coordinated curriculum from grade 9 through grade 12. IB includes appropriately challenging experiences in an environment of positive stimulation that comes from working within class groupings of similarly motivated and talented students. (Port Moody)

Talons – The Academy of Learning for Outstanding, Notable Students

This unique two year program, for grades 9 and 10 addresses the diverse academic, social and emotional needs of gifted secondary learners. This program addresses the unique needs of gifted learners by integrating English, Socials, Math and Science, allowing students to form connections on possible in an interdisciplinary program. TALONS follows the *Autonomous Learner Model*, designed to meet the cognitive, emotional and social needs of gifted students. For more information please contact Ms. Mulder ten Kate (mulder@sd43.bc.ca) (Gleneagle)

COURSES**Culinary Arts 11A**

Topics of study include kitchen layout and maintenance, equipment operation, knife skills, terminology, plate presentation, Food Safe/HACCP, sauces, soups and stocks, and the Pastry Program Part A. (Centennial, Gleneagle, Riverside)

Culinary Arts 12A

The focus will be on the creation of elaborate food items such as pates, galantines, secondary sauces, and the Pastry Program Part B, as well as the use of more specialized equipment. (Centennial, Gleneagle, Riverside)

Culinary Arts 12B

This program enhances culinary skills and prepares for a college program. Professional knowledge of pastry, cake decoration, sauces, and much more will be covered. (Centennial, Gleneagle, Riverside)

Italian 11 - Introductory

This course is designed for students who have little or no Italian background. It includes the study of the four language skills: speaking, listening, reading and writing. Students will learn basic vocabulary and language elements to facilitate communication. The study of Italian culture (i.e. food, music, art, festivals, etc.) and history will also be components of this course. (Riverside)

Italian 11

This course is a continuation of Introductory Italian 11 and provides development in listening, speaking, reading and writing. Italian culture and civilization will also be components of the course. (Riverside)

Musical Theatre 11/12

Students will learn the basics of singing, acting and movement techniques as they relate to music theatre. The students take a leadership role in directing and producing a musical theatre performance. (Gleneagle, Pinetree, Riverside)

Psychology 12 AP Seminar

AP Psychology is designed to introduce students to the scientific study of human behaviour and mental processes. Students will be exposed to the psychological facts, principles, and phenomena associated with the topics of neuroscience, behaviour, sensation and perception, consciousness, learning, cognition, emotion, development, personality, disorders, and treatment. Clearly this course is a university-level Psychology preparation. Successful completion of a College Board examination will result in a placement/credit of a typical introductory

Recording Arts

Some of the content covered will be analog multi-track recorders, digital multi-track recorders, computer 'hard disk' recording, mixing and editing techniques, knowledge of acoustics, microphones and outboard gear such as reverb, distortion, flangers and compressor/limiters. Students who complete with a C+ or better will receive dual credit in Recording Arts at Douglas College. (Port Moody, Terry Fox)

Contemporary Music: Rock School 11/12

An innovative course providing instruction on how to play in a modern pop/rock/rap/etc. group. This is for guitar players, bass guitar players, keyboard players, horn players and vocalists who already know how to play or sing but need help in putting it all together. It covers how to market yourself in the real world of music, i.e. promotion, making contacts, understanding contracts, royalties, dealing with agents and how to get a 'gig'. (Port Moody, Terry Fox)

String Orchestra 9-12

A credit course in orchestral instruction and performance for violin, viola, cello or double bass players. This course will explore the 'classic repertoire' and will have numerous performance opportunities. Offered in the evening so it will not take away valuable scheduling time during regular school hours. We are then able to invite members of our community and students from other schools (for credit) to join as well. Port Moody, Heritage Woods

Technology Design & Invention 11 (Industrial Design)

As an exciting and comprehensive program, this course involves both computer activities and project development, and relies on previously acquired design and problem solving skills. Learn to design and create wonderful devices like video games, radio-controlled machines, multi-media, battle-bots, light organs, submersibles, skyscrapers, etc. Learn more about the wonderful world of technology. This course demands a high level of interest, self-motivation and teamwork. (Pinetree, Riverside, Terry Fox)

Chemistry 12 AP Seminar

Prerequisite: Chemistry 12. Chemistry AP is designed to be the equivalent of a first year general chemistry course. The topics covered are an extension of both Chemistry 11 and Chemistry 12 topics: Structure of Matter, States of matter, Reactions, Kinetics and Organic Chemistry. There are two additional subtopics: Nuclear Chemistry and Thermodynamics. This course allows for a growth in problem solving skills, team building skills, and higher level thinking skills. The benefit is a head start and an advantage in the competitive arena of post secondary education. Upon students' successful completion of the College Board examination, they are given placement/credit for a typical introductory university/college course in chemistry (credit/placement is dependent on the post secondary institution). Exam fee is applicable. (Riverside)

Physics 12 AP Seminar

Prerequisite: Physics 12. AP Physics is designed to foster physics knowledge, problem solving ability and physics connections to other disciplines and societal issues. AP Physics includes topics in both classical and modern physics such as mechanics, electricity, magnetism, thermal physics, waves and optics, and atomic nuclear physics. It is a natural extension of our physics 12 program and provides a link to post secondary areas such as life sciences, pre-medicine, applied sciences, and other fields not related to science. The program gives students a tremendous advantage upon entering university or college. Exam fee is applicable. (Riverside)

Vocal Technique 11 and 12

These are NOT choir courses. These Board authorized courses are designed for students who want to learn how to sing solo with proper vocal technique and style. The course will include individual, along with group instruction in the areas of vocal techniques, sight-singing, theory and working with an accompanist(s). No prerequisites are required. All styles of vocal music will be covered. (Port Moody)

Coquitlam Open Learning ~ <http://online.ds43.bc.ca>

ON-LINE LEARNING

COQUITLAM OPEN LEARNING offers three types of learning environments, allowing you to choose the course format that works best for you:

Online Blended—These courses will have specific start dates (either first semester, second semester or full year) and you will need to attend some regularly scheduled classes, with most of the course being completed online. Students will be required to travel to specific schools for face-to-face sessions which will be held up to once a week, outside of the regular school day. The face-to-face classes will be used for seminars, group discussions, labs, and extra support.

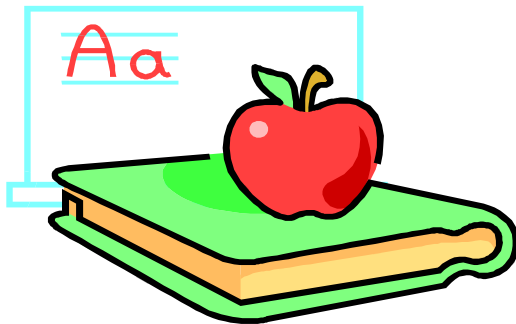
Continual Entry Online— These courses allow students to enter at any point during the year and are self-paced. Students registering for one of these courses must be prepared to do the majority of communication with their teacher using online tools, such as email and chat.

Learning Centers— These courses are offered at one or both of our two drop-in learning centers, Montgomery Center in south Coquitlam and CLOC in East Coquitlam. These courses allow students to enter at any point during the year and are self-paced. Depending on the course, these courses could be either online or paper-based.

- Planning 10 and Science and Tech 11 are not tuition free for Adult Graduates

NOTE: Students cannot take a course with Coquitlam Open Learning (COL) that they are simultaneously taking at another school. However, most BC residents, both school age and adult learners, are eligible for tuition free online courses provided they are not taking that same course elsewhere at the same time. Proof of residency is required for free tuition. Adult learners will be registered into online courses with Coquitlam Continuing Education while school age learners will enroll in school-based Coquitlam Open Learning classes.

For more information on courses offered or to register, visit our website at <http://online.sd43.bc.ca>



WORK EXPERIENCE PROGRAMS

Ó Be Ready for Life Ó

Port Moody offers Work Experience 12 to grade 11 and grade 12 students to support a pro-active approach to preparing for a chosen career. Each program is based on regular graduation requirements and provides an opportunity for students to explore the career possibilities relative to secondary school course selection. Work Experience allows students to make a connection between what they are doing in school and future career options.

WHAT IS INVOLVED?

Sign up with the Work Experience Coordinator

1. Prior to graduation students should complete 2 concentration courses as outlined below in their choice program.
2. Complete 80 hours of work experience relevant to the chosen concentration. You will work together with the work placement teacher to determine the placement site and an appropriate schedule to complete your responsibilities.

ADVANTAGES OF WORK EXPERIENCE PROGRAMS:

- ü classroom learning complemented by relevant and practical experience
- ü gain awareness of job requirements in a chosen field
- ü gain marketable skills and contacts with potential employers
- ü gain a better understanding of the workplace
- ü obtain employment and training references

WORK EXPERIENCE PROGRAMS

Basic requirements include an in-school preparation component (Work Experience 12) combined with 80 hours of related work experience in your chosen career field and completion of the courses indicated below.

General Business:

Recommend at least one of the following:

Accounting 11, Marketing 11 or 12, IB Business 11 and Work Experience 12

Carpentry & Joinery:

Recommend at least one of the following:

Carpentry & Joinery 11 and any other Carpentry 12 option Work Experience 12

Early Childhood Services:

Recommend at least one of the following:

Child Development 11, Family Studies 11 or 12 and Work Experience 12



Art Careers:

Recommend at least one of the following: Art 11, IB Art 11 Art 12, IB Art 12 and Work Experience 12

Recreation / Leisure Management:

Recommend at least one of the following: Physical Education 11, Physical Education 12 and Work Experience 12

Drafting:

Recommend at least one of the following: Drafting & Design 11, Drafting & Design 12 and Work Experience 12

General Mechanics

Recommend at least one of the following: Automotive Tech 11, Automotive Tech 12 and Work Experience 12

Electronics:

Recommend at least one of the following: Electronics 11, Electronics 12 and Work Experience 12

Hospitality / Tourism:

Recommend at least one of the following: Tourism 11, Tourism 12 and Work Experience 12

Journalism:

Recommend at least one of the following: English 12, Writing 12, Literature 12 and Work Experience 12

Law:

Recommend at least one of the following: Social Studies 11, Law 12 and Work Experience 12

Marketing:

Recommend at least one of the following: Marketing 11, Marketing 12 and Work Experience 12

Media Technology:

Recommend at least one of the following: Digital Media Design 11, TV / Film 11 and Work Experience 12

Metal Fabrication:

Recommend at least one of the following: Metal Design & Fabrication 11/12 and Work Experience 12

Photography:

Recommend at least one of the following: Photography 11, Photography 12 and Work Experience 12

Science Careers:

Required Courses: one of Chemistry, Biology or Physics 11, Math 11, one of Chemistry, Biology, or Physics 12, and Work Experience 12

Teaching Careers:

Required Courses: Teaching Careers 12

TV Production:

Required Courses: TV/Film 11, TV/Film 12, Work Experience 12

Theatre:

Required Courses: Acting 11, Acting 12, Work Experience 12

TRANSITION PROGRAMS

Transition Programs are designed to help students explore careers while still in secondary school and move seamlessly to post secondary or work.

ACE-IT APPRENTICESHIP PROGRAMS

PROGRAM	POST-SECONDARY PARTNER	PROGRAM DETAILS	CREDENTIALS	PROGRAM LENGTH & LOCATION	MINIMUM REQUIREMENTS
Cook/Chef Training	VCC	Upon completion of the program student will find excellent opportunities in the Hospitality/Tourism industry.	Dual credit for high school and VCC'S Level 1	Courses can be taken in grades 11 and 12 at Centennial and Riverside	Completion of Planning 10
Hairdressing	Cosmetology Association	Students take 7 courses plus Eng. 12 or Comm.12 as well WEX12A WEX 12B	Dual credit with 1500 hours required prior to writing the Cosmetology Exam	10 Months at Gleneagle	Completion of grade 11
Construction Electrician	BCEA	Students will take 2.5 courses in the second semester in grade 11 followed by work experience in the summer. Students will take 2.5 courses in the fall of their grade 12 year to complete the program.	Dual credit with eligibility to complete Level 1 Exam in January	February to January at Charles Best	Math 11 and Physics 11 Math 12 to be taken prior to graduation
Automotive Service Technician NEW PROGRAM	AITA	Students take 4 courses in grade 12 plus Work Experience 12A and 12B or SSA.	Dual Credit with eligibility to complete Level 1 Exam in June	Terry Fox -2 blocks a day all year long. Centennial-4 blocks second semester	Completion of AT11 and AT 12 (C+), English 12 or Communications 12, Math 11 Essentials(B) or completion of Math 11 principles or applications, "L" drivers license, working knowledge of computers.
Joinery NEW PROGRAM	BCIT	Students take 3 courses in grade 12 plus Work Experience 12A and 12B or SSA. The program includes 15 weeks of course work, beginning mid June at BCIT.	Dual Credit with eligibility to complete Level 1.	Charles Best and Riverside	Wood 11(B), Math 11 if Essentials (B minimum) and completion of English 11 or Communications 11. Drafting 11 recommended
Plumbing NEW PROGRAM	BC Pipefitters	Students will start the program June 20 and complete the program on July 31. Program training will be done on Annacis Island from 7:00am to 2:00pm. Students will be employment ready when finished.	Students will be eligible to complete Level 1	UA Local 170 Training Facility on Annacis Island for 6 weeks.	Grade 12 student, must have C+ in Math 11 Essentials and English 12 or a C+ in Communications 12
Steel Fabrication NEW PROGRAM	BCIT	There are 2 intakes for grade 12 students with a minimum of 2 seats per intake. When students complete the program they will be employment ready.	Student will do the ELTT program and receive credit for Level 1	BCIT-23 weeks, starting in mid August OR February	Completion of grade 11, Principles of Math 10 or BCIT Pretest

TRANSITION PROGRAMS WHILE ATTENDING SCHOOL

Headstart to Art	Emily Carr	Emily Carr Institute offers one of their foundation courses in each semester. Drawing in the first semester and Creative Processes in the second semester.	3 university credits for each course plus portfolio review	Taken at Gleneagle Tuesday night 6:30-9:30	Must be recommended by home school art teacher as well as admission requirements.
Computer Systems Network Fundamentals NEW	BCIT	The CSNF program is the first year of a 2 year program. Students learn computer networking, system maintenance, and computer hardware	Dual Credit for high school and first year for BCIT'S 2 year diploma program	Starts in Feb.09 for grade 12 students and ends in January 2010 at Gleneagle & Riverside Secondary	Principles of Math 11-60% English 12-60%
Concurrent Courses	Douglas College	Several courses offered in the Humanities and Theatre/Stagecraft area.	University Credits and Dual Credits	Courses begin in September and January	Must be recommended by school counselor.

TRANSITION PROGRAMS FOR GRADUATING STUDENTS

Animal Health Technology NEW PROGRAM	Douglas College	Upon completion of this program students will find excellent opportunities working at an animal hospital or for a veterinarian	Diploma program 6 seats reserved	Coquitlam Campus	Bio. 11(C+) or Bio 12(C) Chem. 11(C+)or Chem 12 (C) Grade 12 Science (C) Principles of Math 11 (C+) Eng. 12 (B) WEX 12A(B)
Bachelor of PE NEW PROGRAM	Douglas College	Student can use this course a part of the degree program	Dual Credit Choice of Fitness 11 and Fit.12 or PE11 and PE12=SPSC 1103	Both Campuses	PE 12 (C+) Fitness 12 (C+)
CISY1110	Douglas College	With completion of BCA 11 students can write an assessment test in June to obtain course exemption	Course exemption	NA	Must score at least 70% on assessment test.
Hospitality and Restaurant Management (HORM)	Douglas College	This program provides students with employment in the tourism industry including hotel and restaurant management. This is BC's second largest industry.	Tourism 11, Tourism12 and SSA students preferential admission points. ACE-IT-Level 1 Cook Training credit for HORM 1135. BCA 11 credit for HORM 1120 with exemption exam.	David Lam Campus 2 year diploma program with transfer into a degree program at several universities.	English 12 (C) and completion of Principles of Math 11.

High school is a great place to start planning your career in the trades. Once you have decided to pursue industry (trades) training, you have a choice in registering in one or both of the following programs listed below. Both are great ways to earn money, learn a valuable skill, get school credits and become eligible for a scholarship.

SECONDARY SCHOOL APPRENTICESHIPS (SSA)

SSA are designed for high school students who have, or are ready to look for a full or part-time job in a trades field that hires apprentices (i.e. construction, cooks, mechanics, auto body, electrician). The program lets you earn up to 16 credits toward graduation for work that you do. Each 120 hours worked equals 4 credits. The employer completes an evaluation of you and a letter grade is assigned - just like a regular classroom subject. At the same time, your work hours will count towards completion of the 'on-the-job' training component of the Industry Training Program. You can also qualify for a \$1000 apprenticeship scholarship if you continue to work in the field six months after graduation.

ACE-IT

ACE-IT is an industry training program for high school students. Through an ACE-IT program you can take course that will give you both graduation credits and a head start towards completion of an apprenticeship program. ACE-IT programs are developed and offered as partnerships between school districts and post-secondary institutions, and classes are often taught at colleges. Local employers also get involved in the development, and students who complete these programs typically have very good success in finding employment. Once you successfully complete an ACE-IT program you'll get credit for at least level one of the technical training (in-class) component of your industry training program. Through work experience placements that are usually part of the program, you'll get credit towards the on-the-job component of your training as well. Or, enroll in both ACE-IT and the Secondary School Apprenticeship program and you'll be well on your way to completing your first year of post-secondary education by the time you graduate.

International Baccalaureate Program

The International Baccalaureate (IB) Program has been adopted as a district program to ensure that all highly motivated and talented secondary students in School District #43 have equal access to the opportunities provided through this internationally renowned program. This is a district wide program that offers a coordinated curriculum from grade 9 through grade 12 for talented and highly motivated students. IB includes appropriately challenging experiences in an environment of positive stimulation that comes from working within class groupings of similarly motivated and talented students.

The IB program is offered as an integral part of the broad educational program at Port Moody Secondary. A high degree of flexibility is built into the program to ensure that students have the opportunity to individually make choices and selections that provide maximum personal benefits.

IB is recognized throughout North America as equivalent to first year university standing. Students who achieve well in IB subjects will generally receive university credit for their efforts. The IB Diploma and Certificate courses are recognized throughout North America and the world as ideal preparation for university studies. Students enrolled in IB need not sit provincial Grade 12 exams nor study the provincial curriculum, with the exception of English 12. Students are expected to sit the three Grade 10 provincial exams in English, Mathematics and Science, as well as Social Studies 11 which is also completed in Grade 10.

For Grades 9 and 10: IB Foundations offers Art, English, French, Mandarin, Japanese, Spanish, Social Studies, Mathematics and Science. Each IB Foundations course will include the material required for the 'regular' course, but because of the selected nature of the students, the learning environment will be distinctly different and more emphasis will be placed on higher level skills including research, writing, problem-solving and working in cooperative groups. The grades in IB Foundations courses are adjusted to reflect the same achievement levels required for 'regular' courses. Thus students will not be penalized through lower marks by taking on the challenges offered by the IB Foundation courses. Grade 9 and 10 students accepted into the program will be expected to undertake the entire set of courses leading to the Diploma program in grades 11 and 12. Individual adjustments are possible but the program requires a commitment to diploma completion in most cases. Students are welcome to apply to the program in grades 10 and 11 but a significant advantage will be gained by successful completion of the Foundation courses from grade 9 on.

IB for Grades 11 and 12 will encompass an enriched learning environment to provide the opportunity for much more in-depth study with a continued emphasis on higher level skills.

IB Diploma or IB Certificate: Ideally students will choose to complete the entire IB Diploma that requires one of each of the following IB courses - Language A (1st language), Language B (2nd language), Individuals and Societies (History, Geography, Business & Management), Experimental Sciences (Physics, Chemistry, Biology), Mathematics (Math Studies, Math Methods), and the Arts (Visual Arts, Music), or an additional choice from the previous five groups. The IB Diploma also requires the Theory of Knowledge course and the completion of an independent 4000 word research essay, as well as a commitment to at least 200 hours of creative, active and service endeavors (CAS) to be completed during grades 11 and 12. Some students will find that the IB Certificate program better meets their personal, educational and career goals. These students choose only the IB subjects that best meet their personal learning needs and complete other graduation and post secondary requirements in 'regular' classes.

IB Theory of Knowledge 11 & 12

These 4 credit courses are open as an elective for all students with priority given to IB Diploma students who must complete these courses as part of the Diploma Program. The main focus of these courses is to stimulate critical reflection upon the knowledge and experiences acquired both inside and outside the classroom. They give students an opportunity to study philosophy and form opinions about such topics as language, truth and ethics. Students have the chance to extend their understanding beyond standard Mathematics, Science, History and English in a class where group work and class discussions are frequent. Students are encouraged to think and speak for themselves rather than memorize facts.

IB PROGRAM – Grade 10

IB Courses Planned for Grade 10
Advisory / Portfolio
1. IB Foundations English 10
2. IB Foundations Social Studies 10
3. IB Foundations Math 10
4. IB Foundations Science 10
5. Physical Education 10
6. Planning 10 or on-line I.B. Cohort
7. IB Foundations Language 10

Elective Selection - select one (or two if Planning 10 on-line cohort is chosen)
8. _____

Music (Concert Band, Concert Choir, Strings, or Jazz Band) <u>may be</u> a 9th choice
9. _____
Two Alternate Electives:

Please Note:
IB and IB Foundations courses consist of differentiated curriculum that is not available through summer school or on-line courses. Students who enroll in non-IB summer school courses may use these as a foundation for success in an IB course but not as a replacement. Example: Science 10 advanced credit leads to IB Foundations Science 10 – not an IB Science 11.



IB PROGRAM – Grades 11 and 12

A. Students must complete at least one course from each of the following

1.	Group 1	First Language	<input type="checkbox"/> English HL
2.	Group 2	Second Language	<input type="checkbox"/> French SL/HL <input type="checkbox"/> Mandarin SL (dedicated IB courses) <input type="checkbox"/> Spanish SL (with teacher permission) <input type="checkbox"/> Japanese SL (with teacher permission)
3.	Group 3	Individuals & Societies	<input type="checkbox"/> Geography HL <input type="checkbox"/> History HL <input type="checkbox"/> Business and Management SL
4.	Group 4	Experimental Sciences	<input type="checkbox"/> Physics SL/HL <input type="checkbox"/> Chemistry SL <input type="checkbox"/> Biology HL
5.	Group 5	Mathematics & Computer Science	<input type="checkbox"/> Mathematical Studies SL <input type="checkbox"/> Mathematical Methods SL <input type="checkbox"/> Mathematics HL <input type="checkbox"/> Computer Science SL
6.	Group 6	The Arts	<input type="checkbox"/> Visual Arts SL <input type="checkbox"/> Music SL

Note:

- students may also satisfy group 6 requirements by taking an additional choice from groups 2 through 5
- students must have at least three HL and three SL, or four HL and two SL
- extra subjects can be taken if space permits
- grade 11 students are limited to two SL exams, no HL exams

Additional Requirements

- B. Theory of Knowledge (T.O.K.) – taken in the grade 11 & 12 years.
- C. Extended Essay – 4000 word research essay completed over the space of grades 11 and 12.
- D. Creativity, Action, Service Program (C.A.S.) – completed over grades 11 and 12, comprising 200 hours of creative, active and service undertakings.

Other Information . . .

Transferable Credit Offerings

Some universities and colleges offer transferable credit for some courses taken. It is important to check with the institute's current catalogue since requirements may change from year to year. The Career Resource Centre can provide up-to-date information.

Grade 12 Provincial Examinations (optional except for English 12 or Communications 12)

Examinations will be administered in January and June at Port Moody Secondary School. Individual students are responsible for meeting registration deadlines and for the accuracy of information on forms. Francais-Langue 12 is only examined in June. The school will submit to the Ministry of Education a percentage mark that will account for 60% of the final grade. This mark will combine with the examination percentage to produce the final grade. Thus, grade 12 provincial exams account for 40% of a course total.

Grade 12 Exam Results

Examination results and thus final letter grades will be mailed directly to the student by the Ministry of Education approximately one month after each examination session.

Provincial Exam Rereads

For a fee of \$50, students may have any of their provincial exams reread if they feel they should have received a higher mark. No exam will be reread more than once. Please note that the result of a reread will become the student's *permanent* exam score. If a reread results in a mark that is less than the original score by an amount equal to or greater than a specific statistically-calculated margin, then the original score is decreased accordingly. If a reread results in a mark that is higher than the original score by an amount equal to or greater than the same margin, then the original score is raised accordingly. Students are informed by letter of the result of a reread.



Effective September 2008, the Ministry of Education is requiring all students from kindergarten to grade 9 to participate in, and document, 30 minutes of physical activity a day. For students in grade 9 this requirement must be met on days when they do not participate in their PE course. All students in grade 10 through grade 12 will be required to participate in, document and have verified an average of 150 minutes a week of physical activity in order to meet the Graduation Transition Program requirements. These requirements can be met both during school hours and in the community.

Reread Service Charge

The cost for each exam reread is \$50. A cheque or money order made payable to the Minister of Finance must be included with each Reread Request Form. The Ministry refunds this service charge if the reread results in an upward change in the student's mark, and sends the refund with the letter that informs the student of the result of the reread. The Ministry does not refund the service charge if the reread does not result in an upward change in the student's mark. Please note the following:

Students who fail examinable subjects may:

- repeat the course to receive a better school mark
- rewrite the examination once within a year of taking the initial exam without repeating the course, to receive a better exam mark
- repeat the course and rewrite the exam

Honour Roll

Honour Roll standing shall be determined on student's best three course performances at the end of each semester. A greater than 'B' grade point average is required.

Graduation with Honours

This is compiled prior to the Commencement Ceremony. A grade point average greater than 3.0 based on the best fifty-two credits during grades 11 and 12 is required. The courses used for the grade point average calculation must include those required for graduation.

Challenge Opportunities

Under special circumstances, when students cannot be given equivalency credit for a course, they may be able to receive credit through Challenge Grade 10, 11 and/or 12 courses. The challenge process requires students to provide compelling evidence that he or she will succeed in the challenge. Students should see their counselor if they have any questions about the challenge process.

Equivalency

Equivalency recognizes documented learning from outside the British Columbia school system which the Ministry of Education deems equivalent to the learning outcomes of courses at the grade 11 and grade 12 levels. Students with equivalency from school systems in other Canadian provinces will receive a letter grade and a percentage based on their previous marks. Students from non-Canadian school systems will be issued with a 'Transfer Standing' that will be recorded on their school transcript. For further information regarding Equivalency, students should speak with their school counsellor.

External Courses: Ministry Approved Certificates (MACs)

The Ministry of Education approves certificates from outside the British Columbia school system for recognized credit. Programs such as Cadets, 4-H, Royal Conservatory of Music certificates, Driver Education, Language certificates, National Coaching certification programs, Provincial and National team memberships, first aid, etc. may qualify. To have these courses recognized, students must submit required certificates, transcripts and other documentation to the school as proof of completion. Students will not receive a letter grade or a percentage mark but will be issued with a 'Transfer Standing' that will be recorded on their school transcript. For further information students should speak with their school counsellor.

~ GRAD PROGRAM ~



Your requirements of 80 credits will be completed during grades 10, 11 and 12. There must be a minimum of 16 credits at the grade 12 level including Language Arts 12. Three required exams will be written at the grade 10 level, one exam at the grade 11 level and one at the grade 12 level. All other grade 12 provincial exams are optional, although most students intending to enter post secondary institutions will find the grade 12 provincial exams a requirement.

48 credits from required courses, including:

4 credits	Language Arts 10..... (provincial exam)
4 credits	Language Arts 11
4 credits	Language Arts 12..... (provincial exam)
4 credits	Social Studies 10
4 credits	Social Studies 11, or Canadian Civics 11, or BC First Nations 12 (provincial exam)
4 credits	Science 10..... (provincial exam)
4 credits	Science 11 or 12
4 credits	Mathematics 10..... (provincial exam)
4 credits	Mathematics 11 or 12
4 credits	Physical Education 10
4 credits	Fine Arts or Applied Skills 10, 11 or 12
4 credits	Planning 10
4 credits	Graduation Transitions (grade 12 presentation)
<u>28 credits</u>	Elective Courses

Total = 80 credits

Grade 10 Provincial Exams

The following count for 20% of the course mark, 80% of mark coming from our school assessment.

- English
- Science
- Math

Grade 11 or 12 Provincial Exams

The following count for 20% of the course mark, 80% of mark coming from our school assessment.

- Social Studies 11 (IB Diploma students will sit this exam as part of IB Social Studies 10 in grade 10)

Grade 12 Provincial Exams

- English - counts for 40% of the course mark, 60% of mark coming from our school assessment
- Optional - grade 12 exams will use the 60% - 40% combination

*IB students will not sit provincial exams.



GRADUATION TRANSITIONS

Graduation Transitions replaces the Graduation Portfolio Assessment requirement found in the original 2004 graduation program. It is a requirement for all BC secondary school students who are enrolled in Grades 10, 11, or 12 as of September 1, 2007.

Graduation Transitions is intended to prepare students for a successful transition to life after secondary school. Graduation Transitions has three categories with requirements in each:

Healthy Living

- Students take ownership of monitoring and tracking healthy living habits

Community Connections

- Students have some work and/or volunteer experience

Transition Planning

- Students consider post secondary schooling, careers and life goals

Graduation Transitions is a 4 credit course that starts in Grade 10 and is tracked until Grade 12. In Grade 12 the 4 credits are awarded for meeting all of the necessary requirements, culminating in a final Graduation Transitions Exit Interview.

IB Diploma students who complete their C.A.S. programs will satisfy some of the requirements of Graduation Transitions.

Grade 10 Course Requirements

Grade 10 students are permitted to take some identified grade 11 courses.

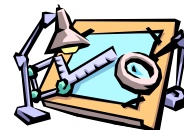
Students in grade 10 are required to complete eight courses. The courses taken will include:

Compulsory Courses:

1. English 10
2. Social Studies 10
3. Science 10
4. Mathematics
5. Physical Education 10
6. Planning 10

Elective Courses:

7. Elective
8. Elective



Over a three year period students are required to earn at least 4 credits within the areas of Fine Arts and/or Applied Skills. Students can complete their requirements with 4 credits Fine Arts or 4 credits in Applied Skills or 2 credits from Fine Arts combined with 2 credits from Applied Skills. Students in Planning 10 will be introduced to the process of planning, identifying and gathering evidence, and presenting for their graduation portfolio.

~ Working Copy ~

80 Credit Graduation Program

Complete before selecting courses to ensure you have met or will meet the graduation requirements.

Student Name _____

Required Courses (48 credits)			Completed ü
Language Arts 10	_____	4 Credits	_____
Language Arts 11	_____	4 Credits	_____
Language Arts 12	_____	4 Credits	_____
Social Studies 10	_____	4 Credits	_____
Social Studies 11	_____	4 Credits	_____
Science 10	_____	4 Credits	_____
Science 11 or 12	_____	4 Credits	_____
Math 10	_____	4 Credits	_____
Math 11 or 12	_____	4 Credits	_____
Physical Ed. 10	_____	4 Credits	_____
Planning 10	_____	4 Credits	_____
F.A. or App. Sk.10/11/12	_____	4 Credits	_____

Elective Courses (28 credits)	Credit Value	Completed ü
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Graduation Transitions 4 Credits _____

Total: 80 Credits

COURSE PLANNING SHEET

Grade 10 Working Copy

1. Check grade requirements at the beginning of the course book.
2. Read the course descriptions for electives that interest you.
3. Use all the resources available to help you decide – teachers, parents, counsellor and other students.
4. Grade 10 students choose two elective courses and two alternative electives. Remember to plan for Fine Arts or Applied Skills credit.

Familiarize yourself with graduation requirements and keep in mind your future plans, checking which courses are required for entry to post secondary institutions.

Name: _____ Counsellor: _____

Career Goals: _____

Post Secondary Plans: _____

Grade 10 students are permitted to take Grade 11 courses that are identified as grade 10 eligible in this selection book. Students in grade 9 are permitted to take grade 10 electives.

Courses Planned for Grade 10

English 10
Social Studies 10
Math 10 (Essentials or Principles)
Science 10
Physical Education 10
Planning 10 or Planning 10 Online Cohort
If taking Planning 10 Online, you may choose an additional course from Group 8. Please refer to programming sheet.

Electives:

1. _____
2. _____

Music (Concert Band, Concert Choir, Strings, or Jazz Band) may be a 9th choice



Two Alternate Electives:

1. _____
2. _____

Over a three year period students are required to earn at least 4 credits within the areas of Fine Arts and/or Applied Skills. Students can complete their requirements with 4 credits Fine Arts or 4 credits in Applied Skills or 2 credits from Fine Arts combined with 2 credits from Applied Skills. Students in Planning 10 will be introduced to the process of planning, identifying and gathering evidence, and presenting their graduation Transitions presentation.

COURSE PLANNING SHEET

International Baccalaureate

Grade 10 Working Copy

1. Check grade requirements at the beginning of the course book.
2. Read the course descriptions for electives that interest you.
3. Use all the resources available to help you decide – teachers, parents, counsellor and other students.
4. Grade 10 students choose two elective courses and two alternative electives. Remember to plan for Fine Arts or Applied Skills credit.

Familiarize yourself with graduation requirements and keep in mind your future plans, checking which courses are required for entry to post secondary institutions.

Name: _____ Counsellor: _____

Career Goals: _____

Post Secondary Plans: _____

IB Courses Planned for Grade 10

Advisory / Portfolio

1. IB Foundations English 10
2. IB Foundations Social Studies 10 (Ministry Socials 11)
3. IB Foundations Math 10
4. IB Foundations Science 10
5. IB Foundations Language 10
6. Physical Education 10
7. Planning 10 or Planning 10 Online Cohort

Elective Selection - select one.

If you select Planning 10 Online, choose two electives plus Music if you wish.

Note: All electives identified for grade 10 students should be considered when planning for next year. IB Foundations Art 10 course is specific to students who intend to continue in the IB Art program.

8. _____

Music (Concert Band, Concert Choir, Strings, or Jazz Band) may be a 9th choice

9. _____

Two Alternate Electives:



Grad Transitions 10 are extensions of regular classes and include planned activities during Phoenix class.

COURSE PLANNING SHEET

Grade 11 Working Copy

1. Check grade requirements at the beginning of the course book.
2. Read the course descriptions for electives that interest you.
3. Use all the resources available to help you decide – teachers, parents, counsellor and other students.
4. Choose six elective courses in priority of your choice. Remember to plan for Fine Arts or Applied Skills credit.

Familiarize yourself with graduation requirements and keep in mind your future plans, checking which courses are required for entry to post secondary institutions.

Name: _____ Counsellor: _____

Career Goals: _____

Post Secondary Plans: _____

Course availability may be restricted due to capacity limitations. Priority placement begins with grade appropriate requests and programming to meet graduation requirements. Students need to prioritize electives and alternates to allow the school to build a suitable timetable.

Courses Planned for Grade 11

1. English 11
2. Social Studies 11
3. Math 11 (Essentials or Principles)
4. Science 11

Electives - 10, 11, or 12 level

5. _____
6. _____
7. _____
8. _____

9th optional: Concert Band 11 Concert Choir 11 Strings Jazz Band

Alternates:

1. _____
2. _____



COURSE PLANNING SHEET

International Baccalaureate

Grade 11 Working Copy

1. Check grade requirements at the beginning of the course book.
2. Read the course descriptions for electives that interest you.
3. Use all the resources available to help you decide – teachers, parents, counsellor and other students.
4. Choose electives within the groups listed.

Familiarize yourself with graduation requirements and keep in mind your future plans, checking which courses are required for entry to post secondary institutions.

Name: _____ Counsellor: _____

Career Goals: _____

Post Secondary Plans: _____

Diploma Certificate

I.B. Courses for Diploma

*at least one choice from each group + T.O.K. + C.A.S. + Extended Essay

Group 1	IB English 11 (HL)..... p
Group 2	IB French 11 (SL) 1st Semester..... <input type="radio"/> IB French 12 (SL) 2nd Semester..... <input type="radio"/> IB Japanese 11 (SL) 1st Semester. <input type="radio"/> IB Japanese 12 (SL) 2nd Semester <input type="radio"/> IB Mandarin 11 (SL) 1st Semester.. <input type="radio"/> IB Mandarin 12 (SL) 2nd Semester. <input type="radio"/> IB Spanish 11 (SL) 1st Semester.... <input type="radio"/> IB Spanish 12 (SL) 2nd Semester... <input type="radio"/>
Group 3	IB History 11 (HL) <input type="radio"/> IB Geography 11 (HL)..... <input type="radio"/> IB Business & Mgmt 11 (SL) <input type="radio"/>
Group 4	IB Chemistry 11 (SL) <input type="radio"/> IB Physics 11 (SL/HL)..... <input type="radio"/> IB Biology 11 (HL)..... <input type="radio"/>
Group 5	IB Math 11 (SL/HL) <input type="radio"/> _____
Group 6	IB Art 11 (HL) <input type="radio"/> IB Music 11 (SL)..... <input type="radio"/> Additional Choice from Groups 2 - 5
Theory of Knowledge p _____
C.A.S. Program	~ start Portfolio <input type="radio"/>
Extended Essay	~ identify subject area

COURSE PLANNING SHEET

Grade 12 Working Copy

1. Check grade requirements at the beginning of the course book.
2. Read the course descriptions for electives that interest you.
3. Use all the resources available to help you decide – teachers, parents, counsellor and other students.
4. Keep in mind your future plans and check which courses are required for entry to post secondary institutions.
5. Make sure you have completed the minimum requirements for Fine Arts or Applied Skills.

Name: _____ Counsellor: _____

Career Goals: _____

Post Secondary Plans: _____

IDS Credit Option:

Are you a self-motivated, independent learner who is interested in learning opportunities beyond the grade 12 level in a specific subject area? If so, contact the appropriate subject teacher to determine if an IDS option is available. The IDS application form needs to be completed by all required parties and submitted attached to your regular planning sheet.

Course availability may be restricted due to capacity limitations. Priority placement begins with grade appropriate requests and programming to meet graduation requirements. Students need to prioritize electives and alternates to allow the school to build a suitable timetable.

Courses Planned for Grade 12

1. English Language Arts 12 or Communications 12
2. Gr. 12 _____
3. Gr. 12 _____
4. Gr. 12 _____

Electives - 10, 11, or 12 level

5. _____
6. _____
7. _____

8th Optional _____ (Concert Band, Concert Choir, Strings, Jazz Band or Work Experience)

Alternates:

1. _____
2. _____



COURSE PLANNING SHEET

International Baccalaureate

Grade 12 Working Copy

1. Check grade requirements at the beginning of the course book.
2. Read the course descriptions for electives that interest you.
3. Use all the resources available to help you decide – teachers, parents, counsellor and other students.
4. Choose electives within the groups listed.

Familiarize yourself with graduation requirements and keep in mind your future plans, checking which courses are required for entry to post secondary institutions.

Name: _____ Counsellor: _____

Career Goals: _____

Post Secondary Plans: _____

Diploma Certificate

I.B. Courses for Diploma

*at least one choice from each group + C.A.S. + Extended Essay

Group 1	IB English 12A HL p IB English 12IDS HL 0.5 p
Group 2	Language completed in Grade 11 <input type="radio"/> or Language completed in Grade 12 <input type="radio"/>
Group 3	IB History 12A HL <input type="radio"/> IB History 12 IDS (.5) HL <input type="radio"/> IB Geography 12A HL <input type="radio"/> IB Geography 12 IDS (.5) HL <input type="radio"/> IB Business & Mgmt 12 SL <input type="radio"/>
Group 4	IB Chemistry 12 SL <input type="radio"/> IB Physics 12A SL/HL <input type="radio"/> IB Physics 12 IDS (.5) SL/HL <input type="radio"/> IB Biology 12A HL <input type="radio"/> IB Biology 12 IDS (.5) HL <input type="radio"/>
Group 5	IB Math Studies 12 SL <input type="radio"/> IB Math Studies 12 IDS (.5) SL <input type="radio"/> IB Math Methods 12 SL <input type="radio"/> IB Math Methods 12 IDS (.5) SL <input type="radio"/> IB Mathematics 12A HL <input type="radio"/> IB Mathematics 12 IDS (1) HL <input type="radio"/> IB Comp Science 12 (SL) <input type="radio"/>
Group 6	IB Visual Arts 12 (SL) <input type="radio"/>
C.A.S. Program	at least 50% completed <input type="radio"/>
Extended Essay	at least first draft <input type="radio"/>

FOUNDATION STUDIES

PERSONAL AND CAREER PLANNING

GRADUATION TRANSITIONS 10/11/12 MGT----

The Graduation Transitions Program is a requirement for all BC secondary school students who are enrolled in Grades 10, 11, or 12 as of September 2007. Graduation Transitions is intended to prepare students for a successful transition to life after secondary school. Students are responsible for planning and preparing their education, career, and life goals through Graduation Transitions. It provides an opportunity for students to reflect on their knowledge and abilities and plan for life after graduation. There are requirements to meet in the following areas:

- **Personal Health**
- **Community and/or Work Experience**
- **Post High school and Career Planning**

Graduation Transitions is intended to help prepare students for a successful transition to life after secondary school. In order to meet this goal, Graduation Transitions encourages students to:

- take ownership of their own health and learning—through the **Daily Physical Activity**.
- examine and demonstrate connections between their learning and their future.
- create a plan for their growth and development as skilled, healthy, knowledgeable, participating citizens.
- exhibit the 'Attributes of a BC Graduate'.

All students will prepare for a 10-15 minute exit interview. In this interview, students will examine fundamental questions such as:

- Who are you?
- What did you do for Graduation Transitions?
- Who has influenced you in a positive way?
- What plans have you made for the future? Short term and long term.

PLANNING 10 MPLAN--S

Planning 10 is a required course for all grade 10 students. The aim of this course is to enable students to develop the skills they need to become self-directed individuals who set goals, make thoughtful decisions, and take responsibility for pursuing their goals throughout life. Students will explore a wide range of career and post-secondary education options, think critically about health issues and decisions, and develop financial literacy skills. Students are introduced to the Graduation Transitions requirements and they will begin collecting the necessary evidence needed to meet this mandatory graduation requirement.

PLANNING 10 ON-LINE (PMSS Cluster Course)

This PL10 on-line course is the student's 9th course. Students will select 8 courses at PMSS in grade 10. Planning 10 'on-line cluster' is offered to Port Moody students only. Planning 10 teachers will teach the complete Planning 10 curriculum on-line. This involves working on-line from home, as well as up to 50 hours contact hours in a classroom in the evening. The classroom time is used for presentations, videos, project work, specific lab use, etc. This is a unique method of curriculum delivery that may match some students' learning style, but on-line courses is not for everyone. Please speak to your counsellor for further discussion. School and parent permission required. Duration is October to May, including two Tuesdays per month from 7 to 9 pm. (dates / times may change)

WORK EXPERIENCE 12 XAT00WXS

Work Experience 12 provides students with an opportunity to gain practical experience by working a minimum of 80 hours in a chosen career field. This ministry approved course is the practical component that follows the student's concentration of career related courses. The career related options or concentrations are outlined in the introductory section of this booklet (please refer to the table of contents: Work Experience Programs). The in-school component will focus on job search skills; resume writing, cover letters, application forms and interview skills. Students will participate in on-line interactive programs which link their aptitudes and skills to appropriate fields of work. This course is available to all grade 11 and 12 students who have demonstrated a concentration of courses focused on a specific career. Please see your counsellor or Mr. McLean for further information.

TEACHING CAREERS 12 YTC--12--S

This Board authorized course is valuable for anyone considering a profession that will involve leadership and people skills. Students in Teaching Careers 12 also complete an 80 hour work placement in an elementary or middle school. This gives them the opportunity to practice many of the techniques taught in class. The course will survey the philosophy, research and practice of teaching in a practical, action packed manner. Students will get a head start on learning in a psychology-based subject about brain research and management skills while enjoying hands-on activities in such diverse subjects as Art and Physical Education. By the conclusion of Teaching Careers 12, students should have a good idea if considering a career in education, including positions such as classroom teacher, subject specialist, coordinator of instruction, administration and recreation is a viable lifetime pursuit for them.

SECONDARY SCHOOL APPRENTICESHIPS

Are you a part-time worker while attending school? This ministry approved program is designed to meet the needs of students who are interested in combining on the job training in an apprenticeable field with their secondary school graduation. Students who are able to locate paid employment in an apprenticeable field can register with their employer as a Secondary School Apprentice. Students can earn 4 graduation credits for every 120 hours of paid employment to a maximum of 16 credits. These hours will also represent time worked under the regular apprenticeship system. Students interested in a career within an apprenticeable field should actively pursue employment in the community through their own initiatives. As a back-up plan students should register the field with their counsellor in the event that the school is notified of employment opportunities.

ENGLISH

The English Department at Port Moody Secondary seeks:

- to encourage students to read for a variety of purposes, to appreciate various styles, to improve vocabulary and comprehension, and to enjoy literature
- to improve communication skills: reading, writing, speaking, thinking, listening
- to promote an understanding of our literary heritage with particular emphasis upon Canadian literature.

Students for whom English is not a first language may be assessed for English language proficiency before placement in Composition or ESL classes.

ENGLISH 10 MEN--10--S

FOUNDATION COURSE: English 9

This course will prepare students for the demands of senior level English courses. There will be emphasis placed on unified, multi-paragraph compositions. Reading material will cover a variety of literary genres: poetry, novel, short story, drama, and essay. The classroom mark is worth 80% of the student's final grade while the government exam is worth 20%.

ENGLISH 10 (IB FOUNDATIONS) MEN--10IBS

In addition to the regular English 10 curriculum, this enriched course will prepare students for the rigors of the International Baccalaureate English programme. Methodology in oral and written literary commentaries will be the main focus of the course. The classroom mark is worth 80% of the student's final grade while the government exam is worth 20%. Recommended texts to purchase: *Lord of the Flies* (William Golding) and *Romeo & Juliet* (Shakespeare).

COMMUNICATIONS 11 MCOM-11--S

FOUNDATION COURSE: ENG 10 OR COMPOSITION 11

This course emphasizes the development of standard workplace communication. There is a focus on reading for comprehension, writing for life skills and the workplace, and speaking for clarity and communication.

ENGLISH 11 MEN--11--S

FOUNDATION COURSE: English 10 or Composition 11 or Communications 11.

This course emphasizes the further development of reading, writing, speaking, thinking and listening skills and the examination of a number of literary genres.

IB ENGLISH 11 IENH-11--S

FOUNDATION COURSE: English 10 or IB Foundations English 10

This 4 credit course emphasizes the discussion of literature. Students will learn to demonstrate their in-depth knowledge through a variety of oral activities: presentations, role playing, commentaries, lectures and formal examinations. The course will also develop students' knowledge of literary terms and their applications, and work towards improving students' English in their written work. The students will write a World Literature Paper (to be marked externally) for the IB syllabus. Students are recommended to read *House of Spirits* (Allende), *Literary Murder* (Gur) and *Macbeth* (Shakespeare) before the start of the course.

COMMUNICATIONS 12 MCOM-12--S

FOUNDATION COURSE: Recommendation of English 11 or Communications 11 teacher

This course is designed to focus on the application of English skills. Students who graduate with Communications 12 will have the academic requirements to enter many colleges and trades schools.

ENGLISH 12 MEN--12--S

FOUNDATION COURSE: English 11

English 12 builds upon the skills developed in English 11. The course stresses critical thinking, literary analysis and practice in a variety of forms of written and spoken expression. The classroom mark is worth 60% of the student's final grade while the government exam is worth 40%.

ENGLISH LITERATURE 12 MLIT-12--S

FOUNDATION COURSE: English 11

This course presents a chronological survey of the works of major English writers from Anglo-Saxon to Modern times. Emphasis is placed upon the individual author's relationship to the times in which he or she lived. Literature 12 is strongly recommended for every university bound student.

IB ENGLISH 12A IENH-2A--S

FOUNDATION COURSE: IB English 11

As well as continuing the process established in the prerequisite course, students will continue to develop their writing skills and to prepare to challenge English 12 and write the government exam. IB English (HL) 12A is a 4 credit course that will prepare students to challenge English 12 for an additional 4 credits.

Recommended reading over the summer: Margaret Atwood— *The Handmaid's Tale*, Sophocles— *Antigone*, Henrik Ibsen— *A Doll House*, Margaret Laurence— *A Bird In The House*

IB ENGLISH 12 (IDS) (2 credits) MIDS-OALHB

FOUNDATION COURSE: IB English 12A

This course completes the program for Higher Level credit in IB. Students will do Part 2 of the syllabus leading to an oral exam in April and two written exams in May. As well as receiving 2 credits, students who achieve a "5" or better as an IB mark may opt to take advance credit when they get to university.

Recommended reading over the summer: *Antigone*, *Doll's House*, Keats, K. Lear, *Handmaid's Tale*, *Bird In The House*, *The Great Gatsby*.

WRITING 12 (CREATIVE WRITING) MWR--12--S

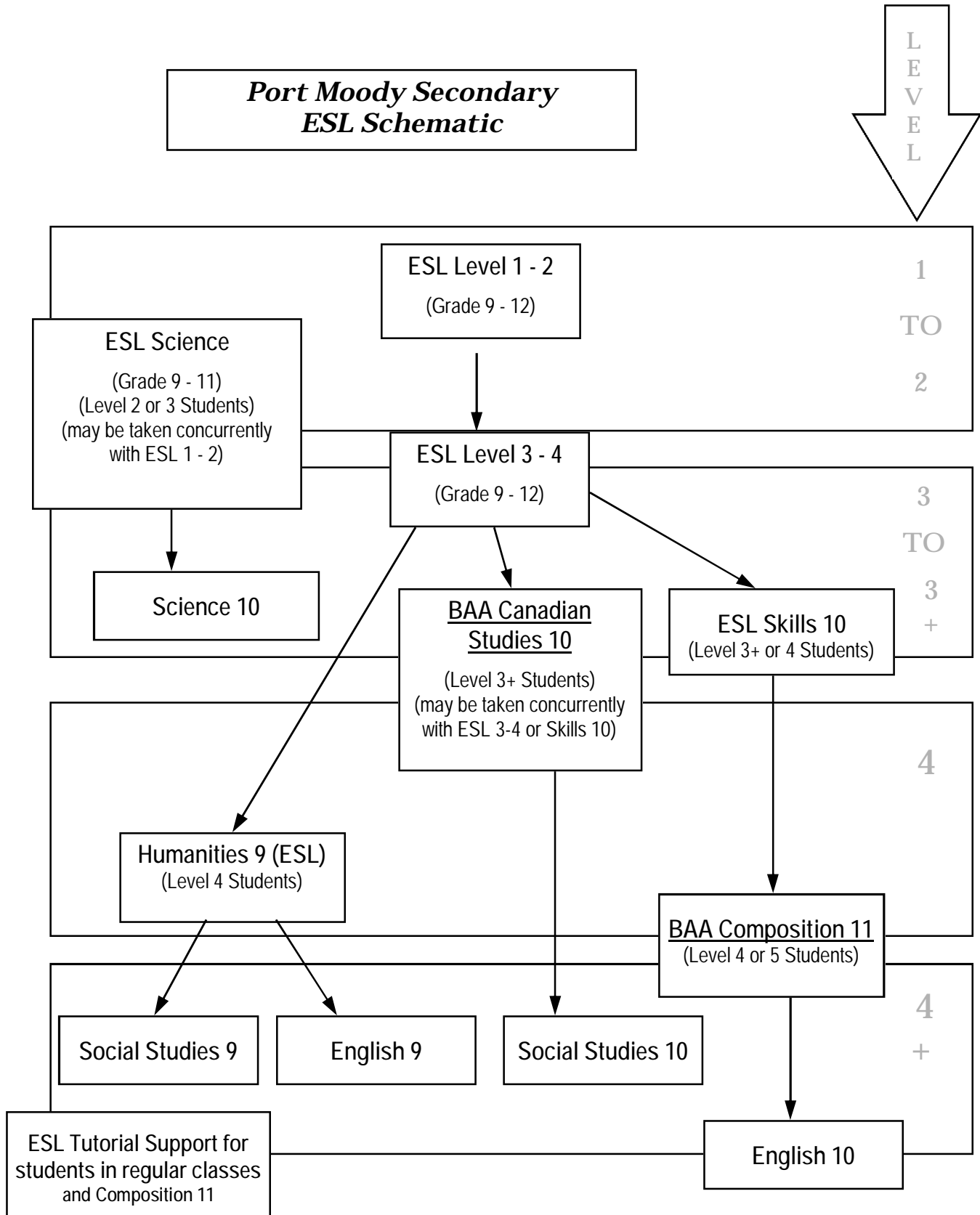
FOUNDATION COURSE: English 11

This class offers students the opportunity to practice and improve their skills in writing in several genres. Students should be prepared to undertake substantial revisions of their work in light of suggestions from the teacher-advisor and other class members, and work towards publication. Students taking Writing 12 should have, minimally, a B in their previous English course.



English as a Second Language (ESL)

ESL courses are designed to help students not only improve their competency with the English language, but also cope with the demands of their other courses. Credit courses are underlined.



ENGLISH AS A SECOND LANGUAGE SUPPORT

(see ESL Support Schematic on following page for clarification)

Students will be required to access additional services as outlined by the ESL teacher.

ESL LEVEL 1 - 2

XAT--00E1S

This support is designed to help students who are new to Canada or the English language in improving basic English skills in the areas of speaking, listening, reading, and writing. Also included is an introduction to Canada and Canadian culture. Students successfully completing ESL 1-2 are placed in ESL Level 3- 4.

ESL LEVEL 3 - 4

XAT--00E3S

This support is designed not only to help students improve their basic competency in English, but also to introduce them to the academic demands of the B.C. high school system. Support will continue in the essential areas of speaking, listening, reading, and writing, with emphasis given to study skills and content area knowledge. Students are required to demonstrate a Level 4 proficiency in English before enrolling in ESL Skills.

ESL SKILLS 10 (B/AA)

YESLK10--S

This course is designed for upper-intermediate ESL students who are almost ready for Composition 11 but require continued support in English language acquisition. The goals of the course will be to expand vocabulary, develop strategies to aid comprehension and improve writing skills necessary for responding to the material learned. Students will begin to explore literature while gaining the language skills needed for continued academic success.

ESL CANADIAN STUDIES 10 (B/AA)

YESLC10--S

This course has been designed for ESL students with little or no Social Studies background. Key vocabulary, visuals, and concepts are covered in this course to ensure success in Social Studies 11. Emphasis will be placed on Canadian history and geography in preparation for entrance into Social Studies 11. Intermediate English competency is required.

ESL COMPOSITION 11 (B/AA)

YESCM11--S

This course covers the same components as English 11, such as listening, speaking, reading and writing, but at a simpler level and a slower pace. It is designed for high level ESL students and is meant to prepare them for English 11. The course also meets the needs for students who have either failed or had minimal success with English 10. It is a mandatory course for any student who does not have an English 10 credit.

**ESL MATH / SCIENCE**

XAT--09ECS

This course has been designed for students new to Canada who need support in gaining success in both Math and Science classes. Ideally, this course would introduce and review many of the basic mathematical concepts and functions required for success at the Math 9 level. In addition, students will participate in hands-on learning of essential scientific principles and processes enabling them to achieve greater success in the regular classroom. Throughout this content-based approach, the students will continue to develop and practice the English language skills needed for success.

MATH

The Mathematics Department offers a wide range of courses to meet the objectives of all students. It is important that students select courses that are consistent with their abilities as well as their career goals. Students should consult their current math teacher before making a final decision. All grade 10 level course have a ministry final exam.

ESSENTIALS OF MATHEMATICS 10

MEMA-10--Y

FOUNDATION COURSE: Mathematics 9

Topics include income, expenses, banking, spreadsheets, unit cost, taxes, geometry, and statistics.

ESSENTIALS OF MATHEMATICS 11

MEMA-11--S

FOUNDATION COURSE: Mathematics 10

Topics include income, expenses, vehicles, businesses, line graphs, measurement conversions, data analysis, probability, personal finance, and income tax.

Principles of Mathematics 10 to 12 are rigorous academic courses required for entrance to post secondary institutions for primarily math, science, commerce or related programs. The principles pathway is the recommended pathway for keeping all post secondary options open. Students should consult their current math teacher and post secondary calendars before making a final decision.

PRINCIPLES OF MATHEMATICS 10

MMA--10--S

FOUNDATON COURSE: Mathematics 9

(C+ or better standing recommended)

Topics include problem solving, analysis of numerical data, real number systems, arithmetic operations, number patterns, polynomials, rational expressions relations, functions, linear functions, scale factors, trigonometry, coordinate geometry, statistics and probability.

PRINCIPLES OF MATHEMATICS 10

MMA--10IBS

(IB FOUNDATIONS)

FOUNDATION COURSE: Mathematics 9 (IB Foundations)

(B or better standing recommended)

This course parallels Principles of Math 10. It provides more depth in all topics and places emphasis on creative problem solving. Participation in the Canadian Mathematics Competition (Cayley) will also be a focus of the course.

PRINCIPLES OF MATHEMATICS 11

MMA--11--S

FOUNDATION COURSE: Principles of Math 10 (C+ or better standing recommended)

Topics include problem solving, mathematical reasoning, systems of equations and inequalities, radical and rational equations and inequalities, absolute value equations, relations and functions, quadratic polynomials and rational functions, trigonometry, coordinate geometry, and circle geometry.

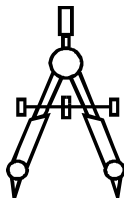
PRINCIPLES OF MATHEMATICS 12

MMA--12--S

FOUNDATION COURSE:

Principles of Math 11 (C+ or better standing recommended).

Topics include problem solving, transformations of functions and relations, exponential and logarithmic equations and functions, trigonometric functions and identities, geometric sequences and series, permutations and combinations.

**CALCULUS 12**

MCALC12--S

FOUNDATION RECOMMENDATION: Principles of Math 12 (excellent standing recommended)

This is an advanced course for students who intend to study mathematics, sciences or engineering at the post secondary level. No provincial examination is offered in this course. Many first year university calculus topics are covered, including derivative formulas, chain rule, implicit differentiation, higher derivatives, related rates, differentiation, Newton's Method, curve sketching, maximum and minimum problems, sigma notation, definite integrals, the fundamental theory of calculus, substitution rule, area between curves, exponential and logarithmic functions, derivatives of exponential and logarithmic functions and techniques of integration.

IB MATHEMATICS 11 / 12

The IB Mathematics program has both a Standard Level and Higher Level option.

- At the grade 11 level, all students take IB Math Methods (SL) 11 which is a 4 credit course.
- At the grade 12 level, students take IB Math Studies with a .5 IDS or IB Math Methods with a .5 IDS to earn a Standard Level credit. Students completing Higher Level will take IB Math with Calculus 12A and a 1.0 IDS.

The purpose of the IB Mathematics program is to introduce students to a broad range of mathematics concepts in sufficient depth to facilitate transfer among them and to provide opportunity for the solution of complex problems. The major aims of the program are:

- To develop students' understanding of mathematics as a discipline.
- To develop an attitude to mathematics in students favourable to subsequent learning and use of the subject.

IB MATHEMATICAL METHODS 11 (SL)

IMM--11--S

FOUNDATION COURSE: Principles of Math 10 (IB Foundations) or Principles of Math 10. (Recommended 80% or teacher recommendation)

This course covers the IB curriculum, as well as some topics included in the provincial Principles of Math 11 and 12 courses. The topics include properties of real numbers, coordinate geometry, trigonometry, functions and relations, combinatorics and matrices and linear equations. Each topic is dealt with in greater depth than in the provincial curriculum and more emphasis is placed on the interrelationship of topics as well as the solution of more complex and unique problems. We recommend that students have a B letter grade in either Principles of Math 10 or Principles of Math 10 (IB Foundations).

IB MATHEMATICS STUDIES 12 (SL)

IMS--12--S

IB MATHEMATICS STUDIES 12 (IDS)

MIDS-0BIBB

This course caters to students with varied backgrounds and abilities. More specifically, it is designed to build confidence and encourage an appreciation of mathematics in students who do not anticipate a need for mathematics in their future studies. Students taking this course need to be already equipped with fundamental skills and a rudimentary knowledge of basic processes. The course concentrates on mathematics that can be applied to contexts related as far as possible to other subjects being studied, to common real-world occurrences and to topics that relate to home, work and leisure situations. The course includes project work, a feature unique within this group of courses: students must produce a project, a piece of written work based on personal research, guided and supervised by the teacher. The project provides an opportunity for students to carry out a mathematical investigation in the context of another course being studied, a hobby or interest of their choice using skills learned before and during the course. This process allows students to ask their own questions about mathematics and to take responsibility for a part of their own course of studies in mathematics. This course will include an IDS (.5) in Semester 2.

IB MATHEMATICS METHODS 12 (SL)

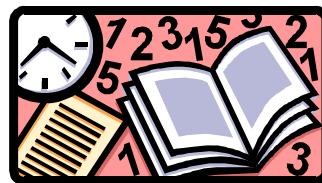
IMM--12--S

IB MATHEMATICS METHODS 12 (IDS)

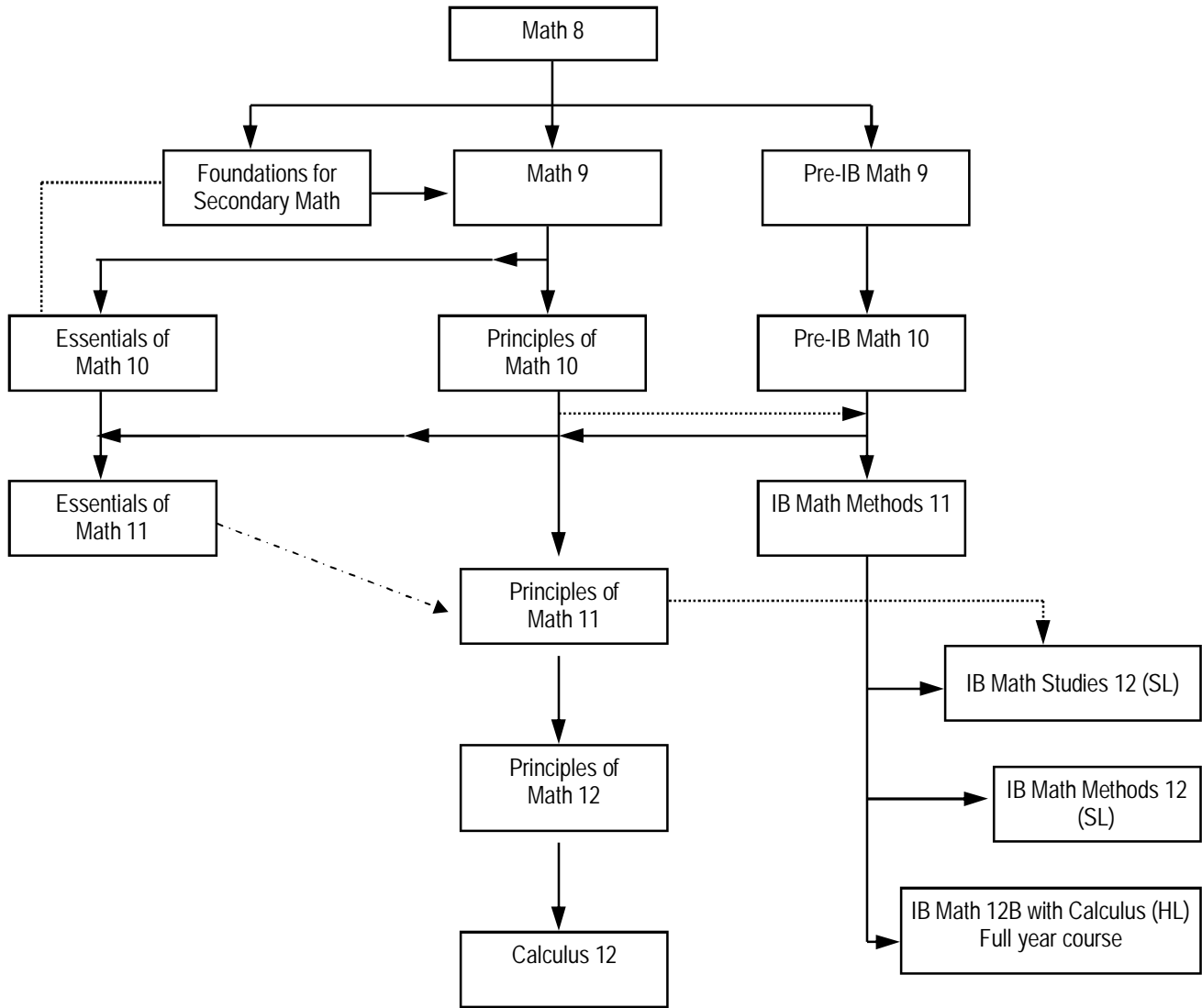
MIDS-2CIBB

FOUNDATION RECOMMENDATION: Achievement of at least 80% in IB Mathematical Methods 11 or teacher recommendation

Using the previous IB Math course as a solid foundation, students in this course are able to complete the goals of the IB Mathematics (SL) program. Topics include functions in calculus, two dimensional vectors and matrices, probability distributions, and descriptive statistics. This course will include an IDS (.5) in Semester 2.



Port Moody Math Schematic



... with special permission from the Math Department

IB MATHEMATICS 12A (HL) IMC--2A--S
 IB MATHEMATICS 12A (IDS) MIDS-2ALHS

This all year, full time course is intended for gifted mathematics students. This is an all-inclusive curriculum which covers IB Mathematics with Calculus students credit for two courses. In Semester 2 there will be an IDS (1.0) to provide in-depth coverage of mathematic topics including complex variables, introduction to group theory, first order differential equations, advanced integration techniques and parametric equations involving polar coordinates. This course is a requirement for the completion of the IB Mathematics (HL) program and the AP Calculus BC Exam.

PHYSICAL EDUCATION

The aim of Physical Education is to provide opportunities for all students to develop knowledge, movement skills, and positive attitudes and behaviours that contribute to a healthy, active lifestyle.

Physical Education 10 (Coed) MPE--10-CA
 This course builds on the goals of the PE 9 courses within a coed structure.

- Students will have opportunities to participate daily in a variety of physical activities.
- Students will develop appropriate knowledge and skills for participating actively, effectively, safely, and responsibly in a range of physical activities.
- Students will develop the knowledge, skills, and attitudes that enable them to value, attain, and maintain a healthy, active lifestyle

**Important changes to the graduation program:* The new Ministry of Education guidelines mandates that *each student in grade 10, 11 and 12 participates in and average of 150 minutes of physical activity per week.* All activity must be tracked, documented and verified. Fitness 11 courses and PE 11 and 12 will fulfill this mandate for each semester a PE course is taken.

Fitness 11 — Speed, Agility and Endurance YFTN-11AGS
 This course provides opportunities for students to develop sport specific skills. Using individual as well as teamwork skills, students will work to progressively develop their speed, agility and quickness. Plyometric training drills will also be incorporated to improve strength and coordination. This course also promotes positive group interactions and leadership development. Team sports such as soccer, floor hockey will be emphasized.



Fitness 11: Strength and Conditioning (Coed) YFTN-11--S

This course emphasizes strength training, balance, flexibility, agility, anaerobic and aerobic capacity, injury prevention and improving performance. Students will be using seven training components (Movement Prep, PreHab, Physioball, Strength, Elasticity, Energy System Development and Regeneration) that will form the basis of their daily workout routines. In addition, students will learn positive attitudes and behaviours that contribute to a healthy, active lifestyle and how to put these health habits into their daily routines. Written components will include students designing, charting, and evaluating their own workout programs as well as completing a reflection paper at the end of the course.

Physical Education 11 (Coed) MPE--11-CS

This elective course will be offered in a co-educational setting with the main goal that students continue their exploration of team and lifetime activities. The aim will be to provide students with opportunities to participate in recreation and leisure pursuits, as well as continue their participation in team and individual sports. As many new activities as possible will be incorporated into the course. Students will also have the opportunity to develop leadership skills and plan and implement personal health and fitness goals.

LEADERSHIP 11 YLEAD11 -- A

Since space is limited in this course, acceptance is dependent on teacher recommendation and successful interview with the teacher. Students develop leadership skills by organizing school and community sports and recreational programs. As students participate in recommended certification programs and volunteer to co-ordinate events, they gain an understanding of the skills and attributes needed for careers related to fitness and recreation. This course is open to grade 10, 11 and 12 students.

Fitness 12: Strength and Conditioning (Coed) YFTN-12--S

Fitness 12 is a continuation of the Fitness 11 – Strength and Conditioning course. There is still a strong emphasis on strength training, balance, flexibility, agility, anaerobic and aerobic capacity, injury prevention and improving performance. Students will also continue to use the seven training components (Movement Prep, PreHab, Physioball, Strength, Elasticity, Energy System Development and Regeneration) to form the basis of their daily workout routines. In addition, students will be exposed to more advanced training techniques which they can to incorporate into their daily workouts. In addition, students will learn positive attitudes and behaviours that contribute to a healthy, active lifestyle and how to put these health habits into their daily routines. Written components will include students designing, charting, and evaluating their own workout programs as well as completing a reflection paper at the end of the course.

**Students who achieve a C+ or better in this course will also obtain credit for Douglas College course SPSC-1103*

Physical Education 12

MPE--12-CS

This course offers students the opportunity to further their expertise in the activities offered in Physical Education 11. Emphasis is on the development of skills and positive attitudes in recreational activities and lifetime skills. Students will also receive instruction and will gain practical experience in leadership roles within the school. This course would be an asset to students interested in a career in recreation or Physical Education but would also be of interest to students who like a variety of activities and are interested in personal fitness.

*Students who achieve a C+ or better in this course will also obtain credit for Douglas College course SPSC-1103

LEADERSHIP 12

YLEAD12- - A

This course is offered to students who have been exceptionally successful in Leadership 11. Participation in the course is dependent on teacher recommendation. Students apply leadership skills and the knowledge they gain through recommended certification programs as they initiate and organize school and community recreational programs. They reflect and expand on personal leadership skills through peer-teaching experiences with mentors. This course is open to grade 11 and 12 students.

SCIENCE

Science courses in grade 10 cover a broad range of topics, to give the students an awareness of the possibilities available in later science courses. This will allow students to make informed choices for their grades 11 and 12 science courses, which are much more subject specific.

SCIENCE 10

MSC--10--S

FOUNDATION COURSE: Science 9

In the Life Sciences, the focus is on ecology, community relationships and environmental stresses. In the physical sciences, the study of chemicals and their reactions continues with the addition of kinematics of motion and radiation. Finally, in the Earth and Space Sciences, plate tectonics and the atmosphere and soil are studied.

SCIENCE 10 (IB FOUNDATIONS)

MSC--10IBS

FOUNDATION COURSE: Science 9 (IB Foundations)

This course parallels the regular Science 10 curriculum while covering some topics in greater depth and detail to prepare students for the IB courses offered in grade 11 and 12.

BIOLOGY 11

MBI--11--S

FOUNDATION COURSE: Science 10

Biology 11 is a lab-oriented course covering the following topics:

- | | |
|-----------------------------|-------------------|
| 1. Adaptation and Evolution | 4. Plant Biology |
| 2. Microbiology | 5. Animal Biology |
| 3. Mycology | 6. Ecology |

BIOLOGY 12

MBI--12--S

FOUNDATION COURSE: Biology 11

The focus of this course is three main areas:

1. Cell Biology
2. Cell Processes and Applications
3. Human Biology: covering all the body's systems in depth

IB BIOLOGY

The IB Biology program requires the completion of three courses including a 2 credit IDS (Independent Directed Study):

1. IB General Biology (HL) 11 which is a 4 credit course
2. IB General Biology (HL) 12A which is a 4 credit course
3. IB General Biology 12 IDS which is a 2 credit course

IB Biology covers the topics listed below over a two year program. The program is intended to provide the student with a very strong academic background in Biology. Upon successful completion of the course, students should be familiar with first year university Biology course content.

The specific IB Biology curricular topics include:

- | | | |
|-----------------------------|-----------------|--------------------|
| ~ practical laboratory work | ~ cell biology | ~ statistics |
| ~ biological chemistry | ~ plant biology | ~ human physiology |
| ~ genetics | ~ microbiology | ~ evolution |
| ~ ecology & conservation | | |

IB BIOLOGY 11 (HL)

IBIH-11--S

The IB Biology program covers the topics listed above.

IB BIOLOGY 12A (HL)

IBIH-2A--S

This course moves beyond the regular Biology 12 course with additional topics.

IB BIOLOGY 12 (HL) IDS (2 credits)

MIDS-IBLHB

This course includes topics that are not normally covered in the regular Biology 11 or 12 courses, but which are required to fulfill the requirements of the International Baccalaureate program. These topics include ecology, evolution, embryology, genetics - heredity, genetic engineering. This course is open to all students who wish to augment their biology background.

CHEMISTRY 11

MCH--11--S

FOUNDATION COURSE: Science 10 (C+ recommended)

Math 11 recommended

Lab-oriented course covering topics in the following areas:

- | | |
|------------------------------|-----------------------|
| 1. introduction to chemistry | 4. organic chemistry |
| 2. atoms, molecules and ions | 5. chemical reactions |
| 3. mole concept | 6. atomic theory |

CHEMISTRY 12

MCH--12--S

FOUNDATION COURSE: Chemistry 11 (C+ recommended)

Math 12 recommended

This course continues the study in five areas from Chemistry 11 but with much greater depth and complexity. These areas are:

- | | |
|--------------------------|------------------------------------|
| 1. reaction kinetics | 4. acids, bases and salts |
| 2. dynamic equilibrium | 5. oxidation - reduction reactions |
| 3. solubility equilibria | |

IB CHEMISTRY 11

IGCH-11--S

IB CHEMISTRY 12A

IGCH-12--S

IB CHEMISTRY 12 (IDS) (2 credits)

MIDS-1CLHB

The IB Chemistry (SL) program requires the completion off three courses including a 2 credit IDS (Independent Directed Study)

1. IB General Chemistry (SL) 11 which is a 4 credit course
2. IB General Chemistry (SL) 12 which is a 4 credit course
3. IB General Chemistry 12 IDS which is a two credit course.

IB Chemistry covers the topics listed below over a two year program. While the topics covered are part of all secondary Chemistry curricula, they are dealt with at a depth and variety not available within the time constraints of the regular provincial curriculum. The program is intended to provide the student with a very strong academic background in Chemistry. On successful completion of the course students should be familiar with first year university chemistry course content.

The specific IB Chemistry curricular topics include:

- practical laboratory work
- chemical stoichiometry
- atomic theory and structure
- energetics
- chemical bonding and intermolecular forces
- states of matter and their physical properties
- kinetics in chemical changes
- oxidation - reduction changes
- equilibrium
- periodic system and trends in properties
- reactions of carbon based compounds

EARTH SCIENCE 11 MESC-11--S

FOUNDATION COURSE: Science 10

This course studies the Earth from its interior through to the atmosphere and the universe around us. The curriculum includes:

1. Rocks and Minerals
2. Resources and Mining
3. Plate Tectonics, Earthquakes and Volcanoes
4. Weathering and Erosion
5. Geologic Time
6. Atmospheric Science
7. Astronomy

GEOLOGY 12 MGEOL12--S

FOUNDATION COURSE: any one of Biology 11; Chemistry 11; Earth Science 11; or Physics 11 (C+ recommended)

Students study the surface, interior and history of our planet in these areas:

1. Minerals, rocks and their relationship to surface and subsurface structures; origin of ore and fuel deposits.
2. History of the Earth: fossil analysis and identification.
3. Subsurface structures and geologic mapping.
4. Surface processes: the effects of water and glaciers.
5. Planetology: comparison of earth, moon and inner planets.

PHYSICS 11 MPH--11--S

FOUNDATION COURSE: Science 10, Math 11 recommended

This is an introductory lab-oriented course covering these curricular areas:

1. Introduction to physics
2. Dynamics in one dimension
3. Kinematics
4. Wave motion and geometric optics
5. Energy
6. Special relativity
7. Nuclear fission and fusion

PHYSICS 12 MPH--12--S

FOUNDATON COURSE: Physics 11, Math 12 recommended

Through the following curricular areas, this course studies classical mechanics and electromagnetism:

1. Vector Kinematics (2 dimension)
2. Dynamics
3. Energy and Momentum
4. Magnetism
5. Equilibrium
6. Circular Motion & Gravitation
7. Electrostatics
8. Electric circuits
9. Electromagnetism

IB PHYSICS

The IB Physics (HL) program requires three courses:

1. IB Physics (HL) 11 which is a 4 credit course.
2. IB Physics (HL) 12A which is a 4 credit course.
3. IB Physics IDS which is a 2 credit course.

IB PHYSICS (HL) 11 IPHH-11--S

Students will study the concepts of kinematics, dynamics, momentum, energy, circular motion, waves, sound, light, optics, relativity and nuclear physics. There is an emphasis on employing mathematical techniques such as algebra, trigonometry and geometry in the treatment of these topics.

IB PHYSICS (HL) 12A IPHH-2A--S

The course includes topics with extensive enrichment that will prepare students well for the IB exam. This enrichment includes relativity, quantum mechanics, nuclear physics, thermodynamics digital technology and global warming climate change. Students will be expected to have considerable background in vector analysis from IB Physics (HL) 11. Extensive lab work included.

IB PHYSICS IDS (HL) 12 (2 credits) MIDS-1AIBB

Students must successfully complete IB Physics (HL) 12A before taking this course which covers additional topics required for the IB (HL) Examination. The topics include a continuation of modern physics and thermodynamics.

SCIENCE & TECHNOLOGY 11 MSCT-11--S

FOUNDATION COURSE: Science 10

This is a broad based science course for students who require a grade 11 science for graduation. It consists of five curriculum organizers covering fifteen topics. The two required Core Modules are:

1. Introduction to Science and Technology
2. Computers and Information Technology

Two additional modules will be selected from the thirteen remaining modules, which cover such topics as forestry, transportation, environment, medicine, food, recreation, pollution and space.

SOCIALS STUDIES

SOCIAL STUDIES 10 MSS--10--S

Social Studies 10 continues themes developed in grade 9, but focuses entirely on the development of Canada as a nation. The course studies the growth and development of British North America from the fall of New France through Confederation and into the early twentieth century, and includes such topics as the Canadian Pacific Railroad, Louis Riel, and the formation of provinces.

SOCIAL STUDIES 10 (IB FOUNDATIONS) MSS--11IBS

This course completes the learning requirements for Social Studies 10 and all of the regular Social Studies 11 program. (See the descriptions for both courses in this section.) Students will be well prepared to write the SS 11 provincial exam upon completion.

SOCIAL STUDIES 11

MSS--11--S

This course concentrates on Canada's past, present and future. 20th Century Canadian history looks at the political, economic, and social development of the country, with emphasis on the years 1900 to 1970. Contemporary issues in Canadian and world geography such as population, food, the environment, resources, conservation, urbanization and more are examined in the geography unit. The origin and nature of Canadian government and law are discussed in the other major component of the SS 11 curriculum. Issues relevant to geography, history, law and government are also discussed in current events studies.

GRADE 12 OPTIONS

Students may elect to take History 12, Geography 12, First Nations 12, Comparative Civilizations 12 or Law 12 depending upon their post-secondary goals. History 12 and Geography 12 have optional government examinations.

COMPARATIVE CIVILIZATIONS 12

MCCN-12--S

FOUNDATION COURSE: Social Studies 11

This course is designed to give students an understanding and appreciation of several civilizations from around the world. Topics include achievements in such disciplines as art, architecture, philosophy, power and daily life. Topics to be examined are the classical worlds of Greece and Rome, Feudal Europe and Feudal Japan, Islam and the Renaissance. World religions will also be examined.

GEOGRAPHY 12

MGEO-12--S

FOUNDATION COURSE: Social Studies 11

This course concentrates on both physical and human geography. Aspects of physical geography studied include topics such as plate tectonics, volcanism, geology, climatology, meteorology, glaciation and hydrology. The human geography section focuses on topics such as cartography, the human use of the Earth - resources and technology, population, and environmental issues.

IB GEOGRAPHY 11 / 12A / 12B

This program requires three courses for completion:

1. IB Geography (HL) 11 IGGH-11--S
A 4 credit course that prepares students for the senior level program.
2. IB Geography (HL) 12A IGGH-12--S
A 4 credit course that is considered equivalent to Geography 12.
3. IB Geography (HL) (IDS) MIDS-OCLHB
A 2 credit course that completes the higher level requirement.

Students will be exposed to a deeper and broader examination of physical and human geography as they will have 2 1/2 semesters to complete the course (one semester of grade 11, first semester of their grade 12 year, followed by a 1/2 semester). In the second semester of their senior year students will be engaged in guided coursework, research, detailed examination of selected topics and field studies. In the final semester students will be prepared to write the IB exams.

HISTORY 12

MHI--12--S

FOUNDATION COURSE: Social Studies 11

This course studies international relations in the Twentieth Century: from the Peace of Paris in 1919 to the fall of Communism in the Soviet Union in 1991. The Great Depression, the rise of Fascism, World War Two, the Cold War, the Middle East and China are but a few of the many topics covered in this survey course.

IB HISTORY 11 / 12A / 12B

The IB History program requires three courses for completion:

1. IB History (HL) 11 IHIH-11--S
A 4 credit course that prepares students for the senior level Program.
2. IB History (HL) 12A IHIH-12--S
A 4 credit course that is considered equivalent to History 12.
3. IB History (HL) (IDS) MIDS-2BLHB
A 2 credit course that completes the higher level requirement.

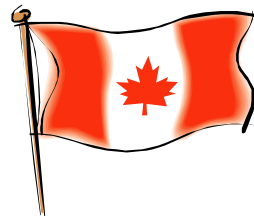
Students have the equivalent of 2 1/2 semesters to prepare for the IB examinations written in late spring of their grade 12 year. Throughout grade 11 and 12 the curriculum covers world events with a focus on European affairs. In grade 11 the course covers events from 1815 to 1939 and in grade 12 the events between 1939 and 1995 are studied. Throughout grade 11 and 12 students learn the skills necessary to be successful in IB History exams including research, essay writing and analyzing historical documents. The IB History program is designed to allow students to study in much greater depth and detail the history of the world as it has unfolded over the last century and a half.

**LAW 12**

MLAW-12--S

FOUNDATION COURSE: Social Studies 11

This is a good course for anyone wanting to know and understand their legal rights. In addition, it's a great foundational course for anyone wanting to pursue a career in: law, business, economics or any aspect of corrections. It starts off with a short history of law and then concentrates on Criminal law and Civil law (family, contract, tort, property, labour). Some of the issues covered are: capital punishment, euthanasia and our court system. If you enjoy lively debates, discussions and exploring a myriad of actual legal cases, consider Law 12.



SELECTED STUDIES

COMPUTERS & BUSINESS EDUCATION

Business Education classes are taught in modern computer labs. Students are able to utilize technology in solving business problems while developing skills in accounting and finance, business management, marketing, and entrepreneurship.

In the Computer Education classes, students study graphic and website design, traditional and 3D animation, digital photography and video making, using a variety of modern software applications: Photoshop, InDesign, Flash, Dreamweaver, Animation Master, Movie Maker, and Adobe Premiere. Students also have an opportunity to explore computer programming in Java and Visual Basic.

ACCOUNTING 11 (AS)

MAC--11--S

This course is designed as an introduction to accounting concepts for those seeking entry-level employment skills or personal skills. This course introduces the student to the theory of accounting. Emphasis is placed on the preparation of neat and accurate records using the double entry accounting method suitable for a small business. As well, students will be given the opportunity to use industry standard accounting software (Simply Accounting, Quick Tax) and explore professional accounting and finance careers.

KEYBOARDING 11 (AS) (2)

YKB--11--S

A Board authorized course that covers communication-related skill essential in today's computer oriented society. Students will use "All the Right Type" to learn to correctly touch type and develop their speed using a specialty program developed by speed typing champion Cortez Peters. Students will use Microsoft Office to create personal and business documents, and will learn how to communicate correctly with email. This course is strongly recommended for those interested in a career in any communication area.

INFORMATION COMMUNICATION TECHNOLOGY

MODULAR SURVEY 11 (AS)

MICTX11--S

Do you want to feel confident using programs like Macromedia Flash, Dreamweaver MX, Adobe Photoshop, InDesign, Sketchup, Movie Maker, WORD, and Visual Basic? If so, then ICT 11 is the course for you! This course provides lots of hands-on time with powerful computer applications, creating web sites, animations, web graphics, 3-D graphics, page layouts, and your own computer programs. Students will also learn about computer hardware and explore issues relating to the Internet. This course is a great way to learn new skills that can be applied in other courses to dazzle and impress your teachers!

INFORMATION COMMUNICATION TECHNOLOGY

DIGITAL MEDIA DEVELOPMENT 11 (AS)

MICTM11--S

This course provides practical, hands-on experience that encourages students to pursue the technical side of visual media development. Students will be able to create multimedia rich projects similar to what they see on the Internet. The topics covered in this course include: Desktop Digital Video; 2D Graphic Design and Publishing; 2D/3D Design and Animation; and Web Publishing.

DESKTOP PUBLISHING 12 (YEARBOOK)

YDTP-12--A

This Board authorized semester long course gives students a real life experience: with deadlines, business meetings with printing company representatives, and application of learned skills. Students will learn digital photography using high end digital cameras and use Adobe InDesign software to explore page design concepts and Photoshop to create graphics and edit photographs. This course is a great opportunity to not only develop design and computer talents, but also practice leadership skills.

MARKETING 11 (AS)

MMK--11--S

Do you want to learn to present and market your own ideas? Maybe you want to be an entrepreneur or work in a corporate or retail environment. Marketing 11 is a fun and fast paced course where you will work in teams on creative assignments and even begin and operate a school business. The main focus of this course is retailing, including trips to local businesses to learn about merchandising and advertising. Students learn skills and strategies in researching, surveying and selling. This course will help students gain self-confidence in all of their future endeavours.

MARKETING 12 (AS)

MMK--12--S

This course will look at marketing on a Global and corporate level. It is recommended to have taken Marketing 11 first. The main emphasis of the course is the 4 P's (Product, Price, Place and Promotion) of marketing within international settings. We will study a variety of countries' cultures, economies and trade agreements, working in teams and independently. This course offers a solid background for the student who wants to continue in business at the post secondary level or become an entrepreneur.



IB BUSINESS & MANAGEMENT

The IB Business and Management program requires two courses for Standard Level (IB Business and Management 11 and 12). Both are Ministry approved four credit courses. These courses are available to IB Diploma and Certificate students and other students who want a challenge in this area. It will represent an additional choice for Group 3 requirements.

The IB Business and Management program is designed to give students an understanding of business principles, practices, and skills. Emphasis is placed on understanding the day-to-day business functions of marketing, human resource management, finance, accounting and operations management.

Please Note: Both of the following courses must be completed to meet the requirements for the Standard Level.

IB BUSINESS AND MANAGEMENT 11 (AS) IBOS-11--S

IB Business and Management 11 (SL) will cover:

- Business Organization and Environment
- Marketing
- Financial Accounting

IB BUSINESS & MANAGEMENT 12 (AS) IBOS-12--A

IB Business and Management 12 builds on the concepts taught in IB Business and Management 11.

IB Business and Management 12 (SL) will cover:

- Management Accounting
- Operations Management
- Human Resource Management
- Internal Assessment - Research Report

**TOURISM 11 (AS)**

MTRM-11--S

If you love to travel this course is for you! It will give you the opportunity to research all of the interesting areas of BC. Tourism 11 is meant to prepare students for a career in the Tourism industry. Topics covered include Superhost fundamentals, accommodations, food, tours, hospitality and much more. There are fun projects to work on in teams or on your own. Grade 10's may take this course.

TOURISM 12 (AS)

MTRM-12--S

FOUNDATION COURSE: Tourism 11

This course is available for students who have taken the very popular Tourism 11. The second half of the Tourism program offers students a broader perspective on international travel and hostelling, adventure recreation, and event planning. It also prepares students for work in the hospitality industry by offering opportunity to receive a variety of SuperHost Certifications.

**HOME ECONOMICS**

The Home Economics Department is dedicated to providing skills for healthy, independent living. Students will find creative, active courses to suit every interest and will have an opportunity to explore a wide range of career possibilities. If you are a student who responds to a hands-on style of learning then many of these courses will suit your needs.

FOODS AND NUTRITION 11 (AS)

MFDN-11--S

Whether you want to learn the basics or to sharpen your cooking skills, Foods Studies 11 will provide you with the chance to enjoy a variety of delicious foods as you apply key concepts of healthy eating. This is an excellent course for those considering a career in the culinary arts as well as for recreational cooks. The principles of FoodSafe Level 1 will be included in this course. Students have the option of paying approximately \$15 to the Ministry of Health to receive the FoodSafe Certification.



FOODS AND NUTRITION 12 (AS) MFDN-12--S
FOUNDATION COURSE: Foods Studies 11

Food Studies 12 blends together the knowledge gained in fundamental foods courses with advanced food preparation techniques to form a wide variety of dishes. As an advanced level course, students will have opportunities to explore areas of their greatest interest. Students will focus on the preparation of meals, nutrition and healthy eating in this challenging course.



TEXTILES 11 (AS) MTXT-11--S

Whether you have beginning sewing skills or have taken previous courses, this is an opportunity to make clothes that express your unique style and meet specific needs. Learn to alter designs and to combine fabrics to make professional looking garments. Students may choose to provide materials for enhanced project work.

TEXTILES 12 (AS) MTXT-12--S

FOUNDATION COURSE: Textiles Studies 11

Learn the secrets of professional tailors in this course. This is a chance to develop skills which will label your projects as 'professionally made'. Students may choose to provide materials for enhanced project work.

FAMILY STUDIES 11 (AS) MFM--11--S

Humans are complex and fascinating creatures. This course looks at adolescents in society and at human development from conception to school age. Students will have the opportunity to practice child care and parenting using the 'Baby Think It Over' infant simulator.

FAMILY STUDIES 12 (AS) MFM--12--S

'Where do we go from here?' Students seeking to understand the development of individuals from adolescence to adulthood will lay a framework to answer this question. Family Studies 12 is about the interplay of interpersonal, individual and family relationships. Learn to communicate well, use decision making skills, and navigate the family life cycle. This is true life-skills training.

LANGUAGES

The Languages Department currently offers courses in French, Japanese, Mandarin Chinese and Spanish. Our courses are designed to develop competency in the four language skill areas of speaking, listening, reading and writing. In addition, these language courses study the culture and civilization of the countries where these languages are spoken. Successful second language learners are highly prized by employer worldwide. They search for employees with high language proficiency and reasoning skills as well as multicultural and international exposure.

Second language students are reminded that they need to come to class with a positive mature attitude and commitment to succeed to the best of their abilities. Students must be willing to commit to daily attentive listening skills and daily study habits to succeed.

With the exception of French, all languages can be entered at the grade 9 level with no previous knowledge of the language. Grade 11 beginners' courses are available for students who are serious about acquiring basic language skills or who wish to satisfy university entrance requirements. Students who already have some language proficiency should consult their subject teacher or counsellor about advanced placement or challenge opportunities. For more information about our language programs, please check out the Language Department webpage on www.pmassblues.net.

INTERNATIONAL BACCALAUREATE (IB) LANGUAGES

French is the only language being offered in IB at all grade levels. For other language options please see subject teachers or the IB coordinator. By the completion of a grade 10 language, all students **MUST** consult with their respective language teacher about their options for fulfilling the language requirement of the IB Diploma. It is highly recommended that students complete their respective Language 11 and 12 courses in the same academic year.

IB FOUNDATIONS FRENCH 10 MFR--10IBS
FOUNDATION COURSE: IB Foundations French 9

Text: Vis a Vis

This course continues to develop students' skills in the French language in accordance with the IB curriculum. It will include the continued study of French grammar and thematic vocabulary as well as further explorations into the Francophone world and its cultures. Strong oral and written competencies will continue to be encouraged and expected. Diligent work habits and practical organisational skills are required for successful coursework.

FRENCH 11 IB IFRS-11--S
FOUNDATION COURSE: IB Foundations French 10

By the end of this course, students will have completed the regular grade 12 curriculum and will have begun devoting more time to writing skills. This course will include some literature study. Strong oral and written competency skills will be required. Students are highly recommended to enhance their comprehension skills by accessing print material resources beyond class time.

FRENCH 12 IB IFRS-2B--S
FOUNDATION COURSE: French 11 IB

This is a required course for IB students taking French, and all students are expected to complete the oral and written IB examinations. In addition to acquiring French language skills in greater depth, this course requires strong oral skills. To further sustain and enhance their language skills, students are reminded to use the target language daily in class. More independent exploration and acquisition of vocabulary via print materials and audio/visual media outside the classroom are highly recommended.

THE FRENCH PROGRAM

The French program at PMSS is a total language experience, incorporating all the elements of language study into the development of the four language skills. Students' ability to communicate in French will be the central focus. Daily attentive listening skills and daily diligent work habits are the foundations for success in the French program.

FRENCH 10 MFR--10--S
FOUNDATION COURSE: French 9

Text: Bon Voyage 2

This course continues to develop students' overall competencies in the four linguistic skills: reading, writing, speaking and listening. Moreover, this course will help students refine their ability to use the language in a variety of contexts. Much emphasis will again be placed on speaking French in the classroom together with a review and the introduction of several new grammar concepts. Students are to be reminded to be willing to continue and maintain daily attentive listening skills and daily diligent work habits to succeed well toward French 11.

FRENCH 11 MFR--11--S
FOUNDATION COURSE: French 10

Text: Bon Voyage 3

Successful completion of this senior level course provides students with sufficient second language credit for university admission. Advanced concepts in all four language competencies will be taught and evaluated. There will also be continued growth in cultural awareness through videos and discussions. As more vocabulary and grammar concepts are addressed at the senior level, students must continue to sustain daily in-class attentiveness and daily diligent work habits to succeed well toward French 12.

FRENCH 12 MFR--12--S
FOUNDATION COURSE: French 11

Text: Bon Voyage 3

As a continuation of French 11, this course will provide more intensive training in the development of reading, writing, speaking and listening skills. Instruction will be in French and students will be expected to communicate in French. To further sustain and enhance their language skills, students are reminded to use the target language in class and explore and acquire more vocabulary through print materials and audio/visual media outside of the classroom. This is a provincially examinable course and may be used for university.

THE JAPANESE PROGRAM

JAPANESE 10 MJA--10--S
FOUNDATION COURSE: Japanese 9

Text: Ima 2

This course is for students who have a basic understanding of Japanese and knowledge of *hiragana* script. Students will learn *katakana*, the second Japanese alphabet, as well as some basic *kanji*. Emphasis is on conversational Japanese as well as the culture and civilization of Japan. Students will begin working towards the Japanese IB curriculum.

JAPANESE 11 INTRODUCTORY JAPANESE 11 MBJA-11--S
Text: Ima 1 and Ima 2

This course is designed for senior level students with NO background or experience in the Japanese language. It is a demanding course which incorporates the learning outcomes of the Japanese 9 and 10 courses within a single semester. This course leads into Japanese 11.

FOUNDATION COURSE:

Japanese 10 or Introductory Japanese 11 MJA--11--S

Text: Hai Ima

Students will maintain and build on their Japanese language skills. They will continue to learn more *kanji* and develop stronger reading and writing skills. More emphasis will be placed on oral communication skills and preparation for the Japanese IB exam.

JAPANESE 12 MJA--12--S

FOUNDATION COURSE: Japanese 11 or equivalent
Text: Yokoso

This course builds upon the previous years of Japanese study. Emphasis is on communication and written accuracy. Students will learn more about the language and culture of Japan and have many opportunities to challenge themselves in using the language. This course will prepare students for both the Japanese IB exam and the provincial exam.

THE MANDARIN CHINESE PROGRAM

MANDARIN CHINESE 10 MMAN-10--S
FOUNDATION COURSE: Mandarin Chinese 9 or equivalent

Text: Chinese Made Easy 2

Students who have some knowledge of Chinese characters (simplified) and Hanyu Pinyin will feel comfortable at this level. Topics covered include: colours, clothing, weather, vacation, hobbies, and school. Emphasis is placed on character writing and oral conversation. Students are expected to learn 300 characters by the end of the course. Students will be working towards the Mandarin IB curriculum.

MANDARIN CHINESE 11 MMAN-11--S
FOUNDATION COURSE: Mandarin Chinese 10
Text: Chinese Made Easy 3

This demanding course prepares students for the rigors of Mandarin 12. Equal emphasis will be placed on the students' abilities to read and write as well as to converse. Topics covered include: body and health, ordering food, shopping for items, and family dwelling. Students with background knowledge of Chinese are encouraged to see their teacher or counsellor for recommendation regarding challenging the course or placement at the appropriate level.

MANDARIN CHINESE 12 **MMAN-12--S**

FOUNDATION COURSE: Mandarin Chinese 11 or equivalent

Text: Zhong Guo Tong 4, Chinese Made Easy 4

Mandarin 12 is the most advanced level of Mandarin offered at the high school level. This course builds upon previous years of Chinese study with emphasis on communication and written accuracy. Quizzes and tests are held weekly along with writing assignments in an effort to improve writing proficiency. This course has the option of a provincial exam.

THE SPANISH PROGRAM

The Spanish Program at PMSS is a total language experience offering students the opportunity to develop the skills and confidence they need to communicate effectively in a Spanish-speaking environment. Students are expected to use the target language whenever possible to increase their communication skills. Daily attentive listening skills and daily diligent study habits are the foundations to succeed well in the Spanish program.

SPANISH 10 **MSP--10--S**

FOUNDATION COURSE: Spanish 9

Text: En Espanol 1

An extension of Spanish 9, this course is open to students with some background knowledge but who need to acquire further communication skills. Students must be willing to develop daily attentive listening skills and daily diligent work habits to succeed well toward Spanish 11.

INTRODUCTORY SPANISH 11 **MBSP-11--S**

Text: En Espanol 1B

This intensive course incorporates both Spanish 9 and 10 into one semester. The objective is to teach students how to survive in a Hispanic country as a tourist. The course contains the fundamental elements in the learning of the language (listening, speaking, reading and writing). Students are highly advised to be committed to the rigorous workload and participation required to succeed positively in this course. It is the student's responsibility to pay close attention to materials taught and participate actively in all oral and written activities. A positive proactive attitude is half the challenge of learning any new language. Students must be willing to develop daily attentive listening skills and daily diligent work habits to succeed well toward Spanish 11. A minimum of 45 minutes of daily home study is required.

SPANISH 11 **MSP--11--S**

FOUNDATION COURSE: Spanish 10 or Introductory Spanish 11

Text: En Espanol 2

This course is a continuation of previous courses with emphasis on expanding vocabulary and using more complex sentences to enhance communication and comprehension. To further sustain and enhance their language skills, students are reminded to use the target language in class and explore and acquire more vocabulary through print materials and audio/visual media beyond the classroom. Preparation will be provided to IB 11 students who wish to take the IB Spanish 12 exam. It is highly advised the IB students must have a strong diligent sense of self motivation to accept the challenges of the demanding curriculum.

SPANISH 12 **MSP--12--S**

FOUNDATION COURSE: Spanish 11

Text: En Espanol 2

In addition to further development of reading, writing, speaking and listening skills, students will study Spanish literature, culture, civilization and customs. Preparation will be provided to IB 12 students who wish to take the IB Spanish 12 exam. It is highly advised that IB Spanish 12 students be strongly motivated and diligent to accept the challenges of the demanding curriculum.

LEADERSHIP

The counselling and student services departments offer two courses designed to help students develop their leadership potential and skills in helping others.

PEER TUTORING 11 **YPTU-11--S**

Since space is limited in this course, acceptance is dependent upon a successful interview with the teacher. Potential peer tutors must be interested in working with students who have special needs and learning difficulties. Assessment will be based equally on theory (assignments and term tests) and practice (commitment through excellent attendance and initiative in helping the learner meet his/her goals). This course is open to grade 10, 11 and 12 students.

PEER TUTORING 12 **YPTU-12--S**

This course is offered to grade 12 students who have been exceptionally successful in peer tutoring 11. Students will earn an independent directed studies credit at the grade 12 level. Participation in the course is dependent upon teacher recommendation.



SOAR PROGRAM

SOAR 10

MHS--IB--A

This course is an introduction to leadership within the school setting. Students in SOAR assist other leadership students and the SOAR coordinator with grade 9 orientation, SOAR lesson implementation in grade 9 classrooms and the year end celebration. Participation in the course is restricted by teacher recommendation and coordinator approval. Please pick up an application form from the main office and attach it to your course selection sheet.

SOAR 11

MHS--IB--A

Students will help to plan events designed to orient and connect grade 9 students to the high school setting. Further responsibilities include planning and implementation of SOAR lessons and the year-end celebration. Participation in this course is restricted by teacher recommendation and coordinator approval. Please pick up an application form from the main office and attach it to your course selection sheet.

SOAR 12

YLEAD12--A

This course requires students to demonstrate extensive leadership experience in planning school events such as grade 9 orientation, parent orientation evening and year end celebrations. Leadership 12 students are expected to guide less experienced leaders through SOAR lesson planning and implementation as well as communicate SOAR related goals with staff. Participation in this course is restricted by teacher recommendation and coordinator approval. Please pick up an application form from the main office and attach it to your course selection sheet.

PERFORMING ARTS

MUSIC

The Music Department at Port Moody Secondary School offers a wide variety of traditional and modern innovative courses and is one of the most comprehensive programs in the province. Traditional courses are offered in Concert Band, Jazz Band, Concert Choir, Vocal Jazz Ensemble, Guitar, and String Orchestra. I.B. Music, Modern innovative courses are offered in Music Composition and Computers, Digital Audio Production, Vocal Technique, and Contemporary Music, "Rock School".

Students in grade 10 who choose Concert Band, Jazz Band, Orchestra, or Concert Choir are allowed to take it as a ninth course - not as an alternate choice but as a regular preferred course. If you have any questions, contact the music department.

In order to allow music students to take Concert Band as a ninth course we have scheduled band to be at a time when it would be convenient for students to have their lunch. As a result we cut the class 20 to 30 minutes short so they can have their lunch and fit band comfortably in their schedule without restricting their other choices. This allows Concert Band students to easily take Jazz Band as it alternates with Concert Band.

IB Music 11 HL (IBMCS 11 — F/A 10, 11, 12 — 4 credits)

(IB Music 12 will be offered the following year)

This is the first time we are offering IB Music at Port Moody Secondary School. This course satisfies the Group 6 IB Diploma requirements. This course is open to both Diploma and Certificate students.

The Diploma Program music course is designed to offer students the opportunity to build on prior experience in music, while encouraging a broad approach to the subject and developing new skills, techniques and ideas. As a prerequisite, students need to have a good understanding of music theory.

Upon completion, students will be expected to demonstrate:

- Knowledge, understanding and perception of music in relation to time, place and cultures.
- Appropriate musical terminology to describe and reflect their critical understanding of music.
- Comparative analysis of music in relation to time, place and cultures, and creative skills through exploration, control and development of musical elements.

Further to the above, students will choose to focus on either music composition or music performance.

Students selecting this course should be enrolled in music performance courses such as Concert Band, Jazz Band, String Orchestra, Choir or Contemporary Music (Rock School)

Please feel free to discuss this course with a music staff member.

CONCERT BAND 10 (FA)

MMCB-10--A

This is a course for students who have had previous band experience or who have an understanding of music and knowledge of an instrument. Students will continue to have training to develop all aspects of their musical skills. There will be an increased emphasis on overall musicianship in group sectional and solo work. Music history, theory, stylistic analysis and instrumental technique will be taught in more depth. Students will have many performance opportunities through concerts, festivals and trips. This course is taken on alternating days for a full year.



CONCERT BAND 11 (FA)

MIMCB11--A

CONCERT BAND 12 (FA)

MIMCB12--A

These courses is designed to enable students to participate in our Community Concert Band for full credit. We meet on Tuesday evenings from 7:00 to 9:00 pm and Thursdays from 3:15 to 4:30 pm. This enables students to free up their regular schedule for their academic pursuits and to participate in a very challenging and high calibre musical ensemble. Their skill level and musicianship will increase dramatically by performing in an ensemble where they will learn from mature musicians and perform in a demanding yet very exciting musical environment. Performance opportunities will increase through the many regular civic and community oriented performances that this group performs. This group will also form the ensemble that performs in our school musicals.

JAZZ BAND

This course is designed for students who wish to explore and perform music in the modern styles of rock, funk and various forms of jazz. Modern music history and theory will be taught as well as solo improvisation. Modern phrasing and instrumental techniques will be introduced. These are performance oriented ensemble courses taken on alternate days for full year.

JAZZ BAND 10

MMJB-10--A

JAZZ BAND 11 (FA)

MIMJB11--A

JAZZ BAND 12 (FA)

MIMJB12--A

FOUNDATION RECOMMENDATION: Jazz Band 10

This course is a continuation of the grade 10 course with added emphasis on improvisation and performing of demanding and challenging repertoire. This course is taken on alternating days for a full year.

ORCHESTRAL STRINGS 10 (FA)

MMOS-10--A

ORCHESTRAL STRINGS 11 (FA)

MIMOS11--A

ORCHESTRAL STRINGS 12 (FA)

MIMOS12--A

These courses provide an opportunity for multi-grade levels to work together to develop musicianship. Do you play violin, viola, cello or double bass? If so, this course is for you. This is a credit course in orchestral instruction and performance. Students will explore the "classic repertoire" and will have numerous performance opportunities.

This (credit) course will be offered Tuesday evenings from 7:00 to 9:00 and Thursdays from 3:15 to 4:30 so it will not take away valuable scheduling time during regular school hours. Another advantage to this scheduling is we will be able to invite members of our community to join as well. This will also help create a large and mature ensemble.

CONCERT CHOIR 10 (FA)

MMCC-10--A

This course is a continuation of Concert Choir 9, but it is also for those who have not yet taken a choir course. The course will include the performances of various vocal styles - from early music to jazz - along with the development of musicianship skills. Students will have many performance opportunities through school concerts, festivals and trips. This course is taken on alternating days for a full year.

CONCERT CHOIR 11 (FA)

MCMCC11--A

Choral 11 is a continuation of Concert Choir 10, designed for students who would like more in-depth study in choral repertoire. This course will include instruction in vocal technique, along with sight-singing and ear-training. Choral genres from the Renaissance to jazz will be explored. Performance opportunities will be provided throughout the year. Previous choral experience is preferred but is not required. This course is taken on alternating days for a full year and meets in Block 0 for an early morning start.

CONCERT CHOIR 12 (FA)

MCMCC12-A

FOUNDATION RECOMMENDATION: Choral Music 11 or permission from instructor (may include an audition). Choral 12 is a continuation of Choral Music 11. (This course is taken on alternating days for a full year and meets in Block 0 for an early morning start.)

VOCAL JAZZ 10 (FA)

MMVJ-10--A

VOCAL JAZZ 11

MCMJV-11--A

VOCAL JAZZ 12

MCMJV12--A

Students with exceptional vocal and dance ability who love to perform should consider this course. This 'performance' based group will perform contemporary Pop and Rock as well as 'classic' popular music. If you are interested in this exciting group with lots of opportunities to showcase your talent, see Mrs. Gay in the music room. (This course is taken on alternating days for a full year and meets in Block 0 for an early morning start.)



VOCAL TECHNIQUES 11 YVT-11--S
 VOCAL TECHNIQUES 12 YVT-12--S

This is NOT a choir course. It is designed for students who wish to sing solo. This will prepare them to sing in a Pop/Rock group or Karaoke. The course will include individual as well as group instruction and voice techniques that will give the performer more stamina and the ability to be more expressive artistically. All styles of music will be explored.

Port Moody Secondary School now offers its own "Diploma" program in "Contemporary Music." This is a specialized area of study for the student who wishes to focus on current trends in music through the exploration and professional skill development of knowledge in performance, composition and music technology.

Completing this program will prepare students to meet the demands of the professional music industry, introduce them to the broad spectra of career choices utilizing professional music skills and help to inform students of the specialized proficiencies they would need to continue to develop to better enable them to make intelligent choices in their chosen field, and continue their education and experience outside of High School.

Performance

Guitar 10, 11, 12
 Rock School 10, 11, 12
 Vocal Technique 11, 12
 Jazz Music 10, 11, 12

Music Composition

Music Composition 10, 11, 12
 IB Music 11, 12

Digital Audio Production

Digital Audio Production 11, 12

Students wanting to enrich their immersion and experience in *real-world working situations* in this diploma granting program would be highly recommended to allocate an additional block to Work Experience 11/12 (Fine Arts-Music are).

MUSIC COMPOSITION AND TECHNOLOGY 11 (FA) MMCT-11--S

This course is open to anyone who wishes to explore and create their own music. It is not necessary to have played an instrument, composed before, or have a music theory background. With the help of modern software programs it is easy to create original music or your own remix. This can all be done in our music studio, which is among the finest in the province.

MUSIC COMPOSITION AND TECHNOLOGY 12 (FA) MMCT-12--S

Open to Grades 11 and 12

In this course students will draw on their experience to produce more complex and extended compositions, using advanced musical forms and thematic material. A more in-depth knowledge of theory, harmony, orchestration, notation, music history and stylistic analysis will be provided. Composing music for "real" situations, i.e. films, orchestras, jazz bands and "pop" bands will be encouraged.

DIGITAL AUDIO PRODUCTION 11 (B/AA) (FA/AS) (2 credits)

Open to Grades 10 and 11 YRAS-11--S

This Board authorized course is designed to explore all aspects of audio production. As technology grows there is an ever increasing demand in the workplace for skilled and knowledgeable people in the new fields of 'multimedia' sound production and post production. This course would be helpful to those interested in Music Technology and Recording, Broadcasting, TV & Film, Animation, Theatre and other audio productions. Topics covered in this course will include: basic and advanced mixing techniques for audio CD, theatre and live performance; mixing for Movies and video games, including 5.1 surround sound; recording various soloists and ensembles including rock bands and contemporary music videos; advanced microphone techniques and knowledge of sound manipulation technology such as reverb, flangers, gates, compressors, mixing boards, etc. Voice-overs, synchronization and 'Foley' Artistry will be covered as well as arranging and mixing existing music for multimedia and writing original music using the latest technology. Students will receive credit for Recording Arts and Sciences 11.

DIGITAL AUDIO PRODUCTION 12 (B/AA) YDAP-12--S

This Board Authorized course builds on the foundation of the skills and knowledge of Audio Production 11. Students will have further opportunities to apply digital technology to the production world. *Students who complete with a C+ or better will receive dual credit in Recording Arts at Douglas College.*

GUITAR 11 (FA) MIMG-11--S

GUITAR 12 (FA) MIMG-12--S

Although Guitar 9 is a natural foundation for Guitar 11 and 12, students in grades 11 and 12 with little or no guitar background may take the course, and be graded according to their level of experience. Generally, the course expands upon Guitar 9 and will be more advanced technically and musically.

ROCK SCHOOL 11 (AS/FA) YCTM-11--S

ROCK SCHOOL 12 (B/AA) YCTM-12--S

These innovative courses will provide instruction in how to play in a modern pop/rock/rap/etc. group. This course is for guitar players, bass guitar players, keyboard players, horn players and vocalists who already know how to play or sing but need help in putting it all together. This course covers rehearsal techniques and how to learn repertoire as a group. It includes how to perform in concerts and dances as well as how to work and prepare for recording a CD. It also covers how to market yourself in the real world of music: i.e. promotion, making contacts, understanding contracts, royalties, dealing with agents and how to get a 'gig'.

DANCE

PERFORMANCE DANCE 11 (FA) MDNP-11--A

PERFORMANCE DANCE 12 (FA) MDNP-12--A

In this course you will discover the elements of movement, through written and performed assignments, and how they relate to choreography. You will have opportunities to perform through formal and informal presentations. In addition, you will study dance from around the world and dance diversity in connection to our society. This course groups students into beginner, intermediate or advanced teams which represent our school at various performances and competitions throughout the lower mainland. All grades take the course together in once class. The course is offered after school on Mondays and Wednesdays, all year long. Some evening and weekend performances are required.

DRAMA & THEATRE

Theatre deals with creative interpretation and communication. The courses are designed to give students not only life skills, but also the opportunity through Career Preparation to enjoy a highly rewarding profession.

ACTING 11

MTPA-11--S

This acting course will emphasize group work in games, exercises, and improvisations. Improvisation is an extremely important part of any acting class as it provides an excellent approach to teaching theatre skills. Students will develop personal and interpersonal skills, acquire techniques for working with script and production detail, and use these in the preparation and presentation of scenes.

ACTING 12

MTPA-12--S

Students will learn about the nature of a theatre company and the interconnected roles and responsibilities of people who work within it. They will examine the requirements for teamwork, leadership, commitment, and onstage, backstage and front-of house etiquette. Through participation in the rehearsal and performance process, students will learn the skills and attitudes necessary to perform within a theatre company.

DIRECTING & SCRIPT DEVELOPMENT - See FILM section.

VISUAL ARTS

ART

Make your ideas real. Art courses help you develop creative approaches, learn skills, and benefit from a change of thought process during your school day. Images surround us everyday, so everyone, not only artists, scientists, sculptors, architects, photographers, web-site makers, and designers benefit from developing creative ways of thinking, and enhanced perceptive skills. Port Moody art courses are great for students of varying skills, experience, needs, interests, backgrounds, education and employment goals.

Enjoy exploring ideas and media through art; look at the world's images; **CREATE!**

IB FOUNDATIONS ART 10 (FA)

MVA--10IBS

This introductory art course covers drawing, sculpture, colour, graphics and/or painting units (students receive credit for Art 10). Pre-IB Art 10 is for the dedicated student interested in developing technical excellence in selected areas. While expressing their own ideas, students learn skills in drawing and other key media, in depth. Although this course was designed to help students who plan to pursue the IB Art program in Grades 11 & 12, it is open to all (new or experienced). The IB cost will be waived at the grade 10 and 11 level for this non-academic elective course, however students wishing to continue through grade 12 will have to pay the IB cost that year. The course focus is on pursuing excellence in selected techniques while developing personal imagery. Students will need personal supplies (pencils...) and may choose to provide materials for enhanced project work.



INTERMEDIATE ART COURSES

While it is recommended that students take an introductory art course before taking intermediate courses, Grade 11 Art courses are for both those students who are new and those experienced in art. They offer students a further development of technical, conceptual and compositional skills while exploring personal ideas and imagery. *Intermediate courses may be used for Fine Arts Graduation credit.*

ART FOUNDATIONS 11 (FA)

MAF--11--S

This course introduces a variety of art experiences in a number of areas which may include work in pencil, ink, charcoal, paint, collage, sculpture, printmaking, graphic design, and more. Students are able to see and/or try many different media and techniques, combined with their own ideas. The course explores a range of media, and approaches, introducing new material, while building on prior skills. It is for both those who wish to further their exploration of art and students new to the field. Students will need personal supplies (pencils...) and may choose to provide materials for enhanced project work.

STUDIO ARTS DRAWING & PAINTING 11 (FA)

MSADP11--S

Fine tune your abilities to learn to draw. Delve into different drawing and painting media, techniques and styles while exploring how to express your own ideas. *See - Respond -Create.* This course is intended for those students who wish to explore the creative process through two dimensional media. Appropriate for both those with a strong art background, and those who are somewhat new to art but are interested in a challenge. This course examines the process of image making, manipulation and reinterpretation through the development of personal imagery, working to learn technique, and in class critiques. Students will need personal supplies (pencils...) and may choose to provide materials for enhanced project work.

IB ART FOUNDATIONS 11 (SL) (FA)

IARS-11--S

This exciting, and highly individualistic course is open to grade 11 and 12 students. It is strongly recommended that students have at least one pre-IB introductory course, and possibly several other fine arts courses before entering this program, as it is expected that students already have a range of technical and compositional tools to choose from when they enter this level (unless they are an IB Diploma student). The focus of this advanced art course is on developing personal imagery and individualistic conceptual depth. This course is the first half of a two year program; please see IB Art 12 (FA) for a full course description. Credit for Art Foundations 11. Students will need personal supplies (pencils, sketch book, ...) and may choose to provide materials for enhanced project work. (Non-IB Diploma students must complete an IB Consideration form.)

PHOTOGRAPHY 11 (FA) (B/AA)

YPHOT11--S

This Board Authorized course will give students a comprehensive and in depth knowledge of black and white photography and darkroom skills, as well as offering students the chance to explore their own way of seeing. The course will include photographic art history, art critiques and photo manipulation. Students will need personal supplies (photo paper...) and may choose to provide materials for enhanced project work.

ADVANCED ART COURSES

These courses are designed to help grade 12 students pursue an area of interest in more depth. Prior experience in an intermediate course is essential for success at this level. Advanced students are usually given more open ended assignments, complex problem solving and responsibility as they are guided through higher level studies. Classroom time blocks are usually shared with intermediate students, therefore students must have the maturity to work independently. Grade 12 students may take grade 10, 11 or 12 art classes.

ART FOUNDATIONS 12 (FA) MAF--12--S

RECOMMENDED FOUNDATION: Intermediate Art, or Drawing & Painting, or Photo.

This course builds on the Intermediate General Art course in that it offers students the opportunity to further explore art and the creative process using a variety of media. To do well, students must already have a grasp of several media, understanding of composition, and good work habits. In this course there are assignments and deadlines, however, students work on a more individual instruction basis and on a higher conceptual and visual level. Students will need personal supplies (pencils...) and may choose to provide materials for enhanced project work.

IB ART FOUNDATIONS 12 (SL) (FA) IARS-12--S

RECOMMENDED FOUNDATION: IB Art 11

IB Art 12 is the second half of a two year program started in IB Art 11. Participation in the IB Art program requires the commitment to complete IB Art 11 and IB Art 12. Inasmuch as the program can be thought of as a personal journey of artistic discovery, students will be expected to bring a high level of self-motivation in the exploration of their own creative potential. In IB Art 11 students begin their understanding of how to create a body of art work by working through a series of projects before initiating their individual directions. Considerable emphasis will be placed on the creative process and on the continual challenge to think, research and plan. Along with major art pieces in the media they choose, students must develop workbooks/sketchbooks as an integral part of the process. In IB Art 12, students work on their own program designed under the guidance of the instructor. It is expected that students will likely choose to focus on at least one theme. The work students produce should comprise a portfolio which will be subject to instructor review, and for those who choose to do the IB exam (fee) an external evaluation. Students will need personal supplies (pencils, sketch book, ...) and may choose to provide materials for enhanced project work.

STUDIO ARTS DRAWING & PAINTING 12 (FA) MSADP12--S

RECOMMENDED FOUNDATION: Intermediate Art, or Drawing & Painting, or permission of instructor.

This course builds on the experience of Drawing & Painting 11. It is intended to offer students the opportunity to explore two dimensional art and build their portfolio, through thematic and technical projects involving personal interpretation. This course has assignments and deadlines, however, students interests and background in artwork may individualize instruction, as senior students seek higher conceptual and visual levels. Students will need personal supplies (pencils, pens, ...) and may choose to provide materials for enhanced project work .

PHOTOGRAPHY 12 (B/AA)

YPHOT-12--S

RECOMMENDED FOUNDATION: Intermediate photography course, or photography experience subject to review by instructor.

This Board Authorized course builds on the skills and concepts learned in Intermediate Photography. Students must already have a strong foundation in darkroom and camera techniques. Assignments may cover studio-based still life and portrait photography, digital photography, documentary photography and photojournalism. In addition, students will explore a variety of conceptual approaches, artistic styles and aesthetic issues related to the photographic image. Students will need personal supplies (photo paper...) and may choose to provide materials for enhanced project work.

INDEPENDANT ART STUDIES 12 OR INDEPENDENT PHOTO STUDIES 12

These courses are for self-motivated students who have taken an 11 level art course and at least one Grade 12 art course, and would like the opportunity to continue in the area. As you will be blocked in with another class, independent work habits are essential. See an art teacher for more information.

FILM**TV & FILM 11**

MDFT-11--S

From fast-paced music videos and extreme sport documentaries to action-packed narratives, a variety of film genres are explored in Film 11. In this introduction to visual storytelling, students use current digital equipment to learn professional camera skills and develop exciting new editing techniques. No previous experience required, just the desire to work in a group to make movies.

TV & FILM 12

MDFT-12--S

Lights, Camera, Action - Film 12 explores all areas of movie making from scriptwriting to location shooting and non-linear editing. Explore cutting edge techniques to transform your film ideas into competitive student entries in provincial, national and international film festivals. No previous experience required, just the desire to develop movie making skills.

DIRECTING & SCRIPT DEVELOPMENT

MTPDS12--S

RECOMMENDED COURSE: Film 12 / Acting 12 or instructor permission

This course is designed to allow film students the opportunity to take their skills to another level. Script analysis and construction of award winning films are covered in detail. Students will not only write their own scripts, but also collaborate as directors with other script writers. Projects are designed in consultation between students and the instructor and will range from student scripts to working on projects for clients outside the school.

DIGITAL MEDIA DESIGN 11 - See BUSINESS EDUCATION section**ANIMATION 12 (B/AA)**

YAN--12--S

The focus in this multimedia course is on 3D animation using the Animation Master software. Optionally, students can create 2 dimensional animation using Adobe Flash. This course covers 3D modeling, script writing and 3D/2D animation. During the second half of the semester, students work in groups on animated movies. The best animations will be submitted to a number of high school movie festivals.

TECHNOLOGY EDUCATION

Technology Education courses are structured to meet the needs of the individual student. Whether you are choosing courses for general interest or coming with a specific vocational goal in mind, you will find the Technology Education courses a very valuable part of your overall education. Students will have opportunities in the areas of computer application and design, use of basic tools, problem solving and independent project work. You may also pursue several areas in-depth through a concentration of courses, including carpentry joinery, electronics, mechanics, metal fabrication or drafting. Grade 12 students wishing to continue beyond present course offerings may wish to pursue further opportunity through an Independent Directed Study (IDS) arranged through a supervising teacher and the student's counsellor. Overall, we believe that you will find our Technology Education courses interesting, challenging and could quite possibly lead to a career in the technological areas. *Contact the appropriate Tech Ed teacher to find out more about your area of interest.*

METAL (ART) 9 & 10

This introductory metal course will incorporate a number of key metal working concepts, procedures and practices. The students will learn all facets of metal working including jewelry, welding, working with stained glass, fabricating, machining, casting and sheet metal work. Students will also work with hand, power and machine tools that are used in metal fabrication. There will be a variety of project applications including stools, tables, shelves, micro go-arts, skater rails, mini bakes, etc.

DRAFTING AND DESIGN 11 (AS)

MDD--11--S

FOUNDATION COURSE: Drafting & Design 10

This course will be of special interest to those going into industry, trades, architecture, engineering, interior and product design and related fields. However, even those not entering the above lines of work will find this course useful as they will be able to express their ideas through sketches and drawings and understand the "blue prints" of architects and designers. Students will be involved in more challenging CAD, instrument and 3-D drawing activities. Students will be introduced to CNC machining using a computer controlled router. Students may choose to provide materials for enhanced project work.

DRAFTING AND DESIGN 12

MDD--12--S

FOUNDATION COURSE: Drafting and Design 11

This course relies on the student's previous Drafting and Design experience. The student will explore more advanced technical drawing in the areas of mechanical and architectural drawing, after which the student will design and develop a complete set of house plans or research other areas of product or industrial design of their own choosing. Students will be using CAD and instrument drawing, 3-D animation and scale modeling to research, develop and present their designs. Students will have the opportunity to create a project using a computer controlled router, known as CNC machining. Students may choose to provide materials for enhanced project work.

ELECTRONICS 11 (AS)

MEL--11--S

Throughout this course students will continue to demonstrate an understanding of digital control devices as well as work with 120 volt alternating current circuitry. Students will be working on mandatory skill building projects both individually and with partners. Students will learn to design their own circuit boards as well as manufacture a case. Students may choose to provide materials for enhanced project work.

ELECTRONICS 12 (AS)

MEL--12--S

FOUNDATION COURSE: Electronics 11

This course is intended for those students who would like to further their skills and knowledge of electronic control devices through individually designed and developed circuit boards. Students will learn AutoCAD to draft their prototyped circuits and then will plot the drawn circuitry onto Copper circuit boards. All circuits will be student designed, developed and manufactured including an enclosure to suit the project. Students may work with D.C. or A.C. or integrate the two within their projects. Students may choose to provide materials for enhanced project work.

There are two strands within Metal Work 11 - Jewelry or Machining & Welding. Students can take one or the other but not both. Credit will only be granted for one course.

METAL 11: FABRICATION & WELDING (AS)

MMFM-11--S

Students will use a design process to produce an orthographic and pictorial drawing for the product that they choose to build. The focus will be on bonding and fusion of metals using oxy-acetylene equipment and for those students that have been successful with grade 9 metal, M.I.G. welding will be introduced for welding student projects. Students that are M.I.G. welding will also be introduced to structural materials and the use of a cutting torch. The safe use of power and hand tools will also be integrated. Shaping and forming of sheet metal, wrought iron, tubing and structural materials will be emphasized to enable students to manufacture structurally sound projects. There will be one skill building project to ensure concept understanding and project quality. Students may choose to provide materials for enhanced project work. (Note: only one of Metal 11 may be taken for credit.)

METAL 11: JEWELRY (AS)

MMFM-11JWS

This introductory jewelry course focuses on jewelry making and is hands on and project oriented. Students will use the lost wax procedure to cast sterling silver rings and pendants of their own design or another's design. Students will produce a portfolio of jewelry products such as pendants, rings and bracelets. They will also be instructed in producing glass products using stained glass procedures and glass leading techniques.

METAL 12: FABRICATION & WELDING (AS)

MMFMM12--S

FOUNDATION COURSE: Metal 11 (Fabrication & Welding)

This is an advanced course recommended to those students that have previously taken metal or jewelry course. Arc/stick welding will be introduced and correct application of mig/stick/oxy-acetylene will be applied to student generated projects. Preparation of high speed steel and carbide tooling will be explored for the use of lathe and milling machines. Material hardening, normalizing, tempering and annealing will also be explored within a skill building project. Students may choose to provide materials for enhanced project work. Students that wish to fabricate larger projects such as go-carts should begin collecting parts such as wheels and horizontal shaft engines before beginning of course. Students may choose to provide materials for enhanced project work.



METAL 12: JEWELRY (AS) MMFMJ12--S
FOUNDATION COURSE: Metal 11 (Jewelry)

This is an advanced course that provides a continued in-depth experience with advanced jewelry and stained glass techniques. In addition to casting rings by the lost wax process, the continuing student will be instructed in setting stones in the jewelry that they have made. Students will be encouraged to explore their own creativity and produce jewelry unique to their own imagination and design.

METAL DESIGN & FABRICATION 12: ADVANCED WELDING (AS) MMFMM12--S
FOUNDATION COURSE: Metal 11 (Fabrication & Welding)

This course, open to grades 11 and 12, will focus on skill building projects and student designed projects using both M.I.G. (wire feed) welding and oxy-acetylene torch cutting. Students will learn three-position welding, flat, horizontal and vertical down hand welding to fabricate projects. The metal lathe will also be introduced and used to fabricate a small skill building project as well as for manufacturing components for student designed projects. Students may choose to provide materials for enhanced project work.

CREATIVE WOOD DESIGN 11 (AS - 2 credits) YCRW-11--S

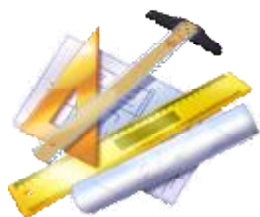
This Board authorized course allows students to leave school with some basic wood working skills and various wood decorating techniques. Projects may include holiday crafts, cultural crafts, coasters, chess boards and pieces, jewelry, and clocks. This course is open to the beginner and the experienced alike. Students may choose to provide materials for enhanced project work.

CREATIVE WOOD DESIGN 12 (AS) MCJP-12--S

This course will focus on the 'hobby projects' – clocks, coat racks, lathe projects, intarsia and scroll-sawn things. This course may appeal to the novice wood worker as well as the experienced. This course CAN be taken by anyone interested, and can be used as a "stepping stone" to the more advanced wood courses. Projects change from one year to the next but will always remain constantly fun and interesting. Students may choose to provide materials for enhanced project work.

CARPENTRY & JOINERY 11 (AS) MCJ-11--S

Students who want to understand cabinet making and general construction procedures would benefit most from this course. As future homeowner students will become familiar with using power tools and procedures to accomplish changes around the home. The course provides the opportunity to construct various furniture and cabinetry projects. Although no prerequisites are required, WOOD DESIGN 9/10 is suggested for greater course experience, but students from grades 10, 11 and 12 are most certainly welcome. Projects may include building a basic cabinet, a piece of furniture, and/or a portion of a scaled house. Students may choose to provide materials for enhanced project work.



CARPENTRY & JOINERY 12 (AS) MCJF-12--S

This course will focus on the fine woodworking skills you have acquired through the last few years. You will find this course impossible if you have very little experience working with wood. (Please take one of the Creative Wood classes instead.) Projects may include plywood based projects like entertainment units and dressers, or you may prefer to make solid wood furniture like a coffee table or bed headboard. Projects are usually replicated but you may find designing your own furniture more interesting. Students may choose to provide materials for enhanced project work.

CAR MAINTENANCE 11 (AS - 2 credits) YAM--11--S

This Board authorized course is designed to provide the future owner/driver with a basic working knowledge of the mechanical functions of the modern automobile. The practical work and demonstrations will cover the basic routine maintenance, repair and safety checks required to keep a vehicle in proper running order.

NOTE: This is a BASIC COURSE ONLY. It is consumer oriented, covering the operating, maintaining and purchasing of an automobile. This course is not intended as the foundation course for subsequent automotive courses; however students showing outstanding performance in this course may seek teacher approval to continue to Automotive 12.

AUTOMOTIVE TECHNOLOGY 11 (AS) MAT--11--S

This course is designed as an introduction to the basic repair and maintenance procedures of the modern automobile. The students will spend 50% of their time studying the theory of operation of the basic operating systems and 50% of their time in the shop performing hands-on laboratory exercises and repairs to vehicles. Students leave this course with a basic understanding of the working systems of the automobile, the tools used and the industry-wide standards of safety, maintenance and repairs.

AUTOMOTIVE TECHNOLOGY 12 (AS) MAT--12--S

FOUNDATION COURSE: Automotive Technology 11

The course will build on the concepts in Automotive Technology 11. Advanced theoretical work and comprehensive practical work are undertaken. Emphasis is placed on diagnosing and servicing engine and drive train problems. The scope of this course is limited only by the interest and ability of the student. This is an excellent opportunity for students wishing to pursue a career in the automotive, motorcycle, ATV, or marine industry.

ENGINEERING 11 (AS) MID--11--S

In this course, students will demonstrate an understanding of various engineering concepts. Students will investigate topics relating to structures, transportation, power transmission, control technology, and material science. The knowledge students acquire will be used to solve a specific engineering problem. Students may choose to provide materials for enhanced project work.

ENGINEERING 12 MID--12--S

FOUNDATION COURSE: Engineering 11

Students will demonstrate an advanced understanding of a variety of engineering topics and use this knowledge to solve specific engineering problems. Students will work as part of a team and incorporate their design solutions into a collaborative project. Students may choose to provide materials for enhanced project work.

POST SECONDARY INFORMATION

If you are proceeding to further education after graduation, you will need to check institution publications and calendars carefully. Admission requirements for institutions and programs are subject to constant revisions. More information is available through your counsellor, Career Resource Centre, Internet and the registrars' offices at the institution of your choice. The following World Wide Web addresses have been provided to help you begin your research.

The Association of Universities and Colleges of Canada.....	www.aucc.ca
B.C. Post Secondary Application System.....	www.pas.bc.ca
B.C. Government Financial Info Site.....	www.canlearn.ca
Ontario University Application Site.....	www.ouac.on.ca
Apprenticeship Information.....	www.itabc.ca
Aboriginal Youth Network.....	www.ayn.ca
International Baccalaureate.....	www.ibo.org
U.S. Colleges and Universities.....	www.utexas.edu/world/univ
Post Secondary Options in B.C.....	www.educationplanner.ca

Links to BC Institutions

(This is a sample of some of the institutions and their websites within B.C.)

British Columbia Institute of Technology.....	www.bcit.ca
Capilano College.....	www.capcollege.bc.ca
Douglas College.....	www.douglas.bc.ca
Emily Carr Institute of Art and Design.....	www.eciad.bc.ca
Institute of Indigenous Government.....	www.indigenous.bc.ca
Justice Institute of British Columbia.....	www.jibc.bc.org
Kwantlen University College.....	www.kwantlen.bc.ca
Langara College.....	www.langara.bc.ca
Malaspina University-College.....	www.mala.bc.ca
Okanagan University College.....	www.ouc.bc.ca
Open Learning Agency.....	www.ola.bc.ca
Simon Fraser University.....	www.sfu.ca
Simon Fraser University Surrey.....	www.sfu.ca/surrey
Thompson Rivers University.....	www.tru.ca
University College of the Fraser Valley.....	www.ucfv.bc.ca
University of British Columbia.....	www.ubc.ca
University of Northern British Columbia.....	www.unbc.ca
University of Victoria.....	www.uvic.ca
Vancouver Community College.....	www.vcc.bc.ca