



HIGHLAND Secondary School



SENIOR PROGRAMMING GUIDE 2024 – 2025

TABLE OF CONTENTS

Welcome to Highland.....	Page 4
Graduation Program	Page 5
Program Planning Information	Page 6
Navigate (NIDES).....	Page 7
Career Explorations.....	Page 8
Trade Samplers.....	Page 9
District Apprenticeship Programs	Page 12
Art.....	Page 15
Business.....	Page 15
Drama/Improv/Theatre	Page 16
Electronics/3D Design/Engineering	Page 16
English Language Arts	Page 17
Home Economics	Page 18
Languages	Page 18
Leadership	Page 19
Understanding Mathematics Pathways	Page 20
Mathematics Pathways	Page 21
Mathematics.....	Page 22
Music.....	Page 23
Physical and Health Education.....	Page 24
Science	Page 25
Social Studies	Page 27
Technology Education.....	Page 28
Other Opportunities	Page 29

WELCOME TO HIGHLAND

We extend a very warm welcome to you. Upon arrival at school you automatically become a member of one of Highland's Houses and one of its Advisor groups. The Houses will have approximately 17 Advisor groups in each House. Your assignment to a House and an Advisor group enables you to develop a close identity with a group of students and teachers during your stay at Highland. Over the years, this has helped Highland maintain a positive school culture.

The school year at Highland is divided into two semesters. In each of the semesters your timetable will consist of four class periods and a lunch period. Classes run from 9:00 am until 3:20 pm, and each class period is about one hour and fifteen minutes in length.

At Highland you will find up-to-date technology, featuring networked computer labs in the library, the drafting room, the multi-media and the graphics lab. Computers are used for a variety of courses as well as to help you to make career choices in your Grade 11 and Grade 12 years.

Highland is justifiably proud of the standards achieved by its students in the areas of English, Mathematics, Science, French, and Social Studies. Each year many students receive local and provincial scholarships and bursaries. In addition to "traditional" academic courses, courses are available in music, art, technology, home economics, physical education, computers, and drama.

We encourage you to become involved in your school. Each year there is a wide range of intramural events, sports teams, service clubs, student government activities and music and drama events. These activities will not only provide enjoyment they will also enable you to develop positive skills and attitudes. By getting involved, you will make the best of your high school years.

GRADUATION REQUIREMENTS

In British Columbia, prescribed Provincial Graduation Requirements provide for mastery of a common core of learning as well as the opportunity for significant student choice. To graduate, students must earn a minimum of **80 credits** in courses numbered 10, 11 and 12.

<p>REQUIRED COURSES (52 credits)</p>	<ul style="list-style-type: none"> • A Language Arts 10 (4 credits) Literary Studies/Composition, New Media/Spoken Language or English 10 First Peoples • A Language Arts 11 (4 credits) Literary Studies/Composition, New Media/Spoken Language or English 11 First Peoples • A Language Arts 12 (4 credits) English Studies 12 or English 12 First Peoples • Social Studies 10 (4 credits) • A Social Studies 12 (4 credits) • A grade 10 Mathematics (4 credits) • A grade 11 or 12 Mathematics course (4 credits) • Science 10 (4 credits) • A grade 11 or 12 Science course (4 credits) • Physical and Health Education 10 (4 credits) • Career Life Education (4 credits) • Career Life Connections and Capstone (4 credits) • Fine Arts and/or Applied Skills 10, 11 or 12 course (4 credits) • Indigenous Studies (4 credits)
<p>ELECTIVE COURSES (28 credits minimum)</p>	<p>See an extensive list of the Elective Courses throughout the Course Selection Guide</p>
<p>Notes:</p>	<ul style="list-style-type: none"> • An unlimited number of credits from Board Authority Authorized (BAA) or post-secondary courses may count towards graduation • A minimum of 16 credits from either Ministry or BAA or post-secondary courses are required at the grade 12 level • Three graduation exams are required for graduation – two in literacy and one in numeracy (gr 10 & gr 12)

PROGRAM PLANNING INFORMATION

Highland Counselling Department – Counsellors are an integral part of the academic advising process. Students should meet with their assigned counsellor to plan their programs and review graduation requirements.

Rich Swanson	Blue House	richard.swanson@sd71.bc.ca	250-339-5525
Molly Dixon	Gold House	molly.dixon@sd71.bc.ca	250-339-5525

Course Selection – Students in Grade 10 and 11 **MUST** carry full timetables and are **NOT** permitted to have unassigned blocks in their timetables, except for very exceptional circumstances approved by the Principal. Each Grade 10 and 11 student will enroll in a minimum of eight courses. **Grade 12 students will enroll in 8 courses and undertake a full course load, unless a study block is requested and approved by an administrator.**

Course Changes – Students will have an opportunity to meet with their counsellors during the first week of classes to finalize their course selection. Not all course requests can be accommodated.

Dropped Courses – Courses are not dropped after the 1st/3rd term reports have been issued.

Repeating Courses – students who have failed required courses will be re-scheduled into those courses to meet graduation requirements. Students who have completed an online course over the summer should inform their counsellor to ensure that marks have been recorded and credits have been assigned.

Post-Secondary Admissions - When selecting courses, students should research post-secondary requirements to ensure they are making suitable course selections. Current post-secondary calendars are available online. It is the student's responsibility to be aware of any post-secondary requirements and plan accordingly.

Class Size Limitations – When space in classes is limited, priority will be given to students needing the course to meet graduation requirements. Students wishing to upgrade previously attempted courses may be admitted depending on availability of space.

It is very important that students and parents understand that Highland's course offerings are determined by the selections made in this programming process. Changes to your choices may not be possible once online course selection is completed. Some courses may not run due to low enrollment. Please be very careful to make choices that fit with your future educational and/or vocational plans. Our counsellors are available to answer your questions or to direct you to resources.

NAVIGATE (NIDES)

High School Students may take a FREE course via distributed learning while attending high school!



There are no tuition fees for BC high school students who enroll in a secondary (grades 10-12) course via distributed learning. Resources are provided free of charge.

Students, if you have the energy and drive to be an independent and self-paced learner, you may wish to take a course via distributed learning at North Island Distance Education School (navigate), right here in SD#71.

Required core courses and electives are available. Choose from academic courses at the 10-12 level:

English, Math, Social Studies, Science, Physical Education. Elective courses include: International Languages, Photography, Business courses and Information Technology. Psychology 11 and 12, Family Studies 11, Sports and Entertainment Marketing 11, Tourism 11 and Comparative Civilizations 12. Visit the navigate website www.navigatenides.com to find a complete list of available courses.

- Students should consult their school counsellor about suitability of course selection for graduation in advance of enrolment. (navigate will notify the student's school of any enrolments.)
- Enroll in a course when you are ready to begin. Students can start most courses at any time.
- Unit tests are usually written at the local high school.
- Students will require access to an internet capable computer.
- Navigate teachers are available to students via email or telephone to provide support to students.
- Navigate teachers are present at each school on a regular basis to provide academic support or to supervise tests.

*(*Free tuition does not apply to non-BC residents. Students in the International Program may enroll but tuition fees will apply.)*

Enrolment Procedure – Enrolment is ONLINE

1. Visit the navigate website www.navigatenides.com and select the Registration Tab.
2. Complete the online Registration Form for Secondary students
3. Complete the online First Assignment for the required course(s).
4. Students will receive an email with their login information for online courses, and any required resources will be sent from navigate.

2505 Smith Road
Courtenay, British Columbia, Canada, V9J 1T6
1-800-663-7925 250-337-5300 Fax 250-337-2310



Visit the Comox Valley Careers website <https://www.comoxvalleyschools.ca/career-programs/>
A very important component of any Career Planning is connecting students to the 'world of work' through **work experience**. Work experience validates whether a student's interests and predicted career pathway is realistic or needs adjusting. Highland offers the following programs to link students with the workforce.

CAREER EXPLORATIONS

Career Life Education 10

The Career Life Education program in School District 71 addresses the connection and overlap between areas of intellectual development, human and social development and career development by creating healthy, active and educated citizens. Career Life Education 10 is a 2-credit course designed to enable students to develop the skills they need to become self-directed individuals who make thoughtful decisions, set goals and take responsibility for pursuing their goals throughout life. Students will explore a wide range of career and post-secondary options, think critically about health issues and decision making, develop financial literacy skills and plan the actions required to pursue future goals. In addition, students will lay the foundation for their Grade 11/12 Career Life Connections and Capstone Project standards.

In summary, what will students learn in Career Life Education?

- components and requirements of the Graduation Program
- education planning and career transitions
- financial planning (as it relates to student transitions from high school)
- informed decision-making related to health issues

Career Life Connections 11/12

The Career Life Connections program in SD71 is designed to assist students with career guidance at appropriate timing. Students will be expected to complete a Capstone Project and cover the following topics:

- Create a personal integrated plan for post-graduation that articulates choices related to:
 - career
 - education
 - finances
 - health and well being
- Engage in, evaluate, and reflect on employment, career exploration and/or volunteer opportunities (30 hours or more) and their role in career, education and life planning.
- Design, assemble and present a Capstone Project to an audience that demonstrates personal learning and achievement (in and out of school), growth in the core competencies and reflection on their post-graduation plan.

Career Experience – 30 Hour Career Life Connections Requirement

Students are required to complete a minimum of 30 hours of volunteer and/or career experience between Grades 10 and 12.

To complete a minimum of 30 hours of career experience, a student may participate in one or more of the following activities:

- school-arranged career experience
- day shadowing (one or more short-term industry visit)
- volunteer work/community service

The goal of career experience is two-fold. Firstly, it's an opportunity for youth to experience, and communicate, with an adult in their chosen career path and secondly, for youth to become aware of, and practice, employability skills such as punctuality, communication, teamwork, positive work ethic and attitudes. Students may choose career experience to train for entry-level employment or a placement related to future career goals.

For school-arranged career experience, Work Experience Teachers and Coordinators connect students with career experience opportunities within the community. Students access the worksite under regulated hours and conditions and are closely supervised. While in high school, students are covered under a provincial WorkSafeBC agreement in case they get injured while on the job. This type of coverage only occurs for high school students, so it is a good way for students to be able to be on a job site, without the employer having to hire them.

Work Experience 12A & 12B

(Open to Grades 10, 11 and 12)

Long-term work experience is open to Grade 10, 11 and 12 students who have an interest in pursuing almost any career area. In Work Experience 12A & 12B, a student spends 100 hours training at one or more worksite. By doing this, skills are learned and questions are answered before career decisions are made; students may realize they love the field they are exploring, or that they would like to pursue a different career path. Students choose placements according to their current interests. Students typically work after school, on weekends, or during the school day (this course can be extra-sessional, which means that a student could have 9 or 10 courses listed on their timetable). Students can sign up for a Work Experience course before summer vacation begins and complete their 100 hours over the break.

Benefits of work experience are:

- earn 4-8 credits toward graduation
- receive pre-employment job training and potentially secure paid employment
- help make decisions about potential career paths

Contact the Work Experience Coordinator or Career Center Teacher for information.

Metal Mechanical Trade Sampler

This program is intended to prepare students to go into any of the welding, pipefitting, machining and fabricating trades. It is a full-time program, 4 days per week, and combines applied math and communication skills with hands-on project work. There will be field trips to industry and training institutions to better assist students in choosing a career path.



If interested, please go to the Work Experience Office and pick up a district Trade Sampler application to be completed and handed back in. It is open to students entering Grade 11 and 12 and is offered in Semester 2 at Mark Isfeld Secondary.

<p>What You Need...</p> <ul style="list-style-type: none"> ➤ Mechanical interest ➤ Desire to work in a trade involving mechanics or metal ➤ Good attendance and a strong work ethic 	<p>What You Will Get...</p> <ul style="list-style-type: none"> ➤ Applied Math 11 credit ➤ 16 credits towards Grade 12 ➤ Practical “hands-on” training experience ➤ Valuable industry experience ➤ Workforce training certificates (First Aid, WHMIS, Forklift, etc.)
<p>What You Will Do...</p> <ul style="list-style-type: none"> ➤ Spend a semester fully immersed in metal work/machining/fabricating ➤ Monthly tours to industry shops to learn about different careers ➤ 4 days in shop and 1 day per week on work experience or working on workforce training certificates 	

Construction Trade Sampler

The goal of the Construction Trade Sampler is to prepare students to explore a career in the construction industry by developing practical skills in carpentry, plumbing, electrical, roofing, drywall and concrete. Some students may decide on a college trade foundation program as an ITA Train Student upon completion of this program.



If interested, please go to the Work Experience Office and pick up a district Trade Sampler application to be completed and handed back in. It is open to students entering Grade 11 and 12 and is offered in Semester 2 at G.P. Vanier.

<p>What you Need...</p> <ul style="list-style-type: none"> ➤ Enjoy working outside ➤ Desire to work in a construction trade ➤ Good attendance and a strong work ethic ➤ Like to build structures 	<p>What You Will Get ...</p> <ul style="list-style-type: none"> ➤ Applied Math 11 credit ➤ 16 credits towards Grade 12 ➤ Practical “hands-on” training experience ➤ Valuable industry experience ➤ Workforce training certificates (First Aid, WHMIS, Forklift, Fall protection, etc.)
<p>What You Will Do...</p> <ul style="list-style-type: none"> ➤ Spend a semester fully immersed in the construction trades such as carpentry, electrical, plumbing, drywall, etc. ➤ 4 days in shop and 1 day per week on work experience or working on workforce training certificates 	

Transportation Trade Sampler

The goal of the Transportation Trade Sampler is to prepare students to explore a career in auto, heavy duty, aircraft and marine mechanics by developing practical skills. Some students may decide on a college trade foundation program as an ITA Train Student upon completion of this program.



If interested, please go to the Work Experience Office and pick up a district Trade Sampler application to be completed and handed back in. It is open to students entering Grade 11 and 12 and is offered in Semester 2 at G.P. Vanier.

<p>What you Need...</p> <ul style="list-style-type: none"> ➤ Enjoy working outside ➤ Desire to work in a transportation mechanics trade ➤ Good attendance and a strong work ethic ➤ Like to work with engines of all types 	<p>What You Will Get ...</p> <ul style="list-style-type: none"> ➤ Applied Math 11 credit ➤ 16 credits towards Grade 12 ➤ Practical “hands-on” training experience ➤ Valuable industry experience ➤ Workforce training certificates (Forklift, First Aid, WHMIS, etc.)
<p>What You Will Do...</p> <ul style="list-style-type: none"> ➤ Spend a semester fully immersed in the transportation trades such as auto, heavy duty aircraft and marine mechanics etc. ➤ 4 days in shop and 1 day per week on work experience or working on workforce training certificates 	

Youth Train In Trades

- Youth Train In Trades programs allow students to earn credit towards both high school graduation and trades qualifications.
- Students in Train programs will complete Level 1 Apprenticeship Technical Training in their chosen trade and gain valuable practical experience.
- Work in Trades students also qualify for the Train program.
- Train programs involve course work at high school and/or college.
- Train programs cover tuition costs.
- Students should start planning Train courses by Grade 11.



Train in Trades programs offered

Auto Service Technician	Aircraft Structures
Plumbing	Carpentry
Metal Fabrication	Welding
Professional Cook	Electrical
Heavy Duty Mechanics	Hairstyling
Auto Collision Repair	Cook
Electronics Core/Electrical	**Other opportunities exist - see work experience office

See the school district careers web page <https://www.comoxvalleyschools.ca/career-programs/> to learn more.



DISTRICT APPRENTICESHIP PROGRAMS

Automotive Collision Repair (ACR) – Level 1 (Train in Trades)

The Automotive Collision Repair program will provide the opportunity for students to begin working towards rewarding auto body careers. This program will be delivered through online instruction and work placement in the community.

<p>What You Need...</p> <ul style="list-style-type: none"> ➤ Previous experience in auto courses if possible ➤ Desire to work in a trade involving mechanics ➤ Good attendance and a strong work ethic ➤ Good dexterity and hand-eye coordination ➤ An “L driver’s license” 	<p>What You Will Get...</p> <ul style="list-style-type: none"> ➤ Level 1 Automotive Collision Repair Certification ➤ Tuition savings of up to \$2,700 ➤ Earn 16 credits ➤ Practical “hands-on” training experience ➤ “A foot in the door” into the automotive repair industry
<p>What You Will Do...</p> <ul style="list-style-type: none"> ➤ Spend your final semester of Grade 12 working online to achieve 70% or greater in course work ➤ Hands-on work experience in a local automotive collision repair shop ➤ Master the theoretical and practical knowledge necessary to successfully write the Level 1 ACR test 	

Professional Cook 1

Do you enjoy working in a kitchen environment and creating tasteful food? Maybe you can see yourself in the fast-paced tourism industry working wherever you want, while mixing in some travel? Possibly you like to express your creative self through food preparation. This program can lead to a Red Seal Certification. This program is offered through a partnership with Camosun College and combines online learning, hands-on training with a chef in a restaurant, along with one day a week classroom training. It is open to students in Grade 12 and is offered in Semester 2.

<p>What You Need...</p> <ul style="list-style-type: none"> ➤ Have a passion for the culinary field ➤ Desire to work in the hospitality and food industry 	<p>What You Will Get...</p> <ul style="list-style-type: none"> ➤ Professional Cook 1 Certification of Qualification ➤ Practical “hands-on” training experience
<p>What You Will Do...</p> <ul style="list-style-type: none"> ➤ Spend roughly 2 hours per day online learning ➤ 15-20 hours a week at a local high-end restaurant ➤ 1 full day at Mark Isfeld Secondary working on labs with a Home Economics Teacher 	

Youth Work in Trades

What is Youth Work In Trades?

Youth Work In Trades is open to Grade 10-12 students, 15 years of age or older, who are motivated to gain hands-on training in a designated trade.

Hidden Apprentice: If you are presently working in a trade related job, contact your Work Experience Coordinator to see if you qualify as a Work Student. It can mean receiving graduation credits for learning outside of school, and you can qualify for a \$1,000 award.



Need more information?

Visit the Comox Valley Careers web site: <https://www.comoxvalleyschools.ca/career-programs/>

Dual Credit Opportunities with North Island College or Vancouver Island University

Are you interested in taking college/university courses while in grade 12?

The Careers Department can sponsor you to take courses or a Certificate program if you have completed the pre-requisites and are still a student in your high school



<p>Courses: Students may take any NIC or VIU course, popular career path course are:</p>		<p>Certificate Programs:</p>
<ul style="list-style-type: none"> ➤ Computer Programming Systems 102 ➤ Fine Arts 110 ➤ Medical Terminology ➤ Criminal Justice 131 	<ul style="list-style-type: none"> ➤ Psychology 130 & 131 ➤ Business 162 & 150 ➤ Criminology 101 ➤ Math 151 ➤ Digital Design 105 	<ul style="list-style-type: none"> ➤ Health Care Assistant ➤ Early Childhood Care & Education ➤ Human Services ➤ Business & Office Administration ➤ Web Design ➤ Digital Marketing ➤ And more...
<p>Key points... Spend your last semester making the transition to Post Secondary, courses run at NIC or VIU. Be sponsored to take a course(s) or a certificate program. Please visit your school Careers office for more information.</p>		



Emergency Medical Responder (EMR)

The Emergency Medical Responder Course is an entry-level medical course that trains candidates to respond to life-threatening medical conditions and traumatic emergencies. The EMR course is systematically designed to progress learners through all aspects of pre-hospital care including various treatment guidelines and medical protocols. The course also focuses heavily on enhancing situational management skills, confidence, and communication within the context of emergency medicine and pre-hospital care. As learners develop through the course, they are introduced to essential concepts of emergency medicine and establish a foundation in medical terminology, human anatomy, physiology, pharmacology, and clinical science. The skills and training attained through the EMR course meet and exceed occupational first aid training. Employment opportunities for licensed Emergency Medical Responders may include Ambulance services, Fire and Rescue services, Occupational or Industrial first aid settings and more.

Computer Programming Systems 102 (Required for Engineering)

3 Credit(s)

This course is an introduction to computer programming using C++. Topics include problem analysis and program development, data types, selection and iteration, functions, recursion, arrays, lists, and an introduction to object-oriented programming.

Prerequisite(s):

- C in one of Pre-calculus Math 11
- C in English 12

Principles of Marketing BUS 162 (Required for Business Programs, Certificates and Degrees)

3 Credit(s)

This course introduces students to the basic concepts and principles of marketing as it relates to the public, private, and not-for-profit sectors. Particular emphasis will be given to the topics of assessing dynamic marketing environments and developing a marketing strategy and marketing mix.

Prerequisite(s):

- C in English 12

Graphic Design Foundations DGL 102 (Required for most Digital and Web Certificates and Diplomas)

3 Credit(s)/4 hours

This course provides a general overview of contemporary practices in Graphic Design. The creation of vector graphics and the application of design principles are integrated into projects that cover identity design, poster design and the design process. Students will discuss historical and contemporary concepts and learn to think critically.

Prerequisite(s):

- C in English 12

Drawing & 2-Dimensional Language I FIN-110 (Required for most Fine Art Certificates and Diplomas)

3 Credit(s)

This course is an exploration of drawing and mark-making, it introduces methods, material and concepts particular to the medium of drawing and visual language. The intention of this course is to provide students with foundational skills and artistic vocabulary that will enable them to express themselves in the medium of drawing. An emphasis will be put on comprehension, analysis, and ability to make artistic decisions.

Prerequisite(s):

- C in English 12

ART

Art Studio 11**Credits: 4****Course Code: MVA11**

Similar to Art 10, but more demand made in skill level and complexity of projects. This course will expand your knowledge and ability if you've taken art before but can still be a course for students with little experience.

Art Studio 12**Credits: 4****Course Code: MVA12**

Another step up from Art 10 & 11 furthering your skill and creativity in drawing, printmaking, painting and some sculpture.

Art Careers 12**Credits: 4****Course Code: YSEVC2C**

Designed for Grade 12 students who are interested in pursuing Art as a vocation. Students move from Teacher assigned tasks in the beginning designed to further their technical skills transitioning increasingly toward independent choices around themes and media they wish to explore. Work produced will be of a "gallery hangable" standard and which can form part of a portfolio for application to Art Schools.

Digital Art 11/12**Credits: 4****Course Code: MVAMT11/12**

Take your first step into the world of Digital Art! This course focuses on learning how to draw, illustrate and sculpt on the computer, so be prepared to use a pen tablet. Learn the ins and outs of Krita, a free, user friendly shareware that's a popular choice with students. Photoshop will also be introduced. Students also use Blender 3D modeling to develop and bring to life 3D creatures and contraptions and set them in a 3D world. Through hands-on activities, students will develop multiple professional quality renderings.

BUSINESS

All About Money 12**Credits: 4****Course Code: YBMO-2A**

This is the personal finance course that everybody should take! This course teaches you what everybody needs to know about money and will help you get more from your money. This course also encourages you to speak about money in a different way. Where most people are hesitant to talk about money and perhaps feel intimidated, you learn how to discuss these topics with ease! Primary topics in the course will include investing, car and home loans, financial scams, and more!

Economics 12**Credits: 4****Course Code: MEC--12**

Economics 12 is a university recognized academic course that focuses on the world of business and introduces a variety of topics with an applied business component. This course will examine topics such as Micro and Macro Economics, Marketing, Accounting, Management Styles/Techniques, Business Planning, Entrepreneurship and much more. This is an engaging course that will provide you with an excellent foundation for future business studies, preparing to start your own business, as well as how to navigate the world of work today!

DRAMA, IMPROV and THEATRE

Theatre 11/12

Credits: 4

Course Code: MDRTC11/12

Theatre is the art of translating ideas into dramatic form to communicate between stage and audience. It is magical, active and fun. In Theatre, students gain the knowledge, skills and attitudes necessary to become theatre performers through study of exploration, analysis, body and voice skills, characterization, historical and cultural contexts and the interrelated roles that comprise a theatre Company.

Theatre students will experience a variety of styles, forms and elements of production. Through their involvement in performances students will understand the technical and practical aspects of theatre. Through participation in the rehearsal and performance process, students gain confidence, self-esteem and a sense of commitment.

Specific units of study vary year to year to accommodate student interest and ability: Current students have enjoyed mask-making, set design and construction, Improv, games, stage/sword fighting, one act plays, monologues, accents, acting, make up, Physical Theatre, Shakespeare, etc. Field trips and seeing and performing in shows are a highlight of this course.

Improv 11/12

Credits: 4

Course Code: MDRM-11/12

This is a course about creating engaging, live, spontaneous theatre using minimal costumes or props. Students will learn the skills needed to create original scenes, characters and stories using physical theatre and voice. Strong emphasis is placed on the strength of building the ensemble, rehearsal and commitment. Course content is linked with the goals and philosophies of the Canadian Improv Games. Our school's improv teams may be formed within this class. A strong desire and commitment to perform is required.

ELECTRONICS/3D DESIGN/ENGINEERING

Maker Space 11/12

Credits: 4

Course Code: multiple

Maker Space is an environment which allows students to choose a technology area(s) they can pursue under the instruction and guidance of a teacher. Areas of study may include Electronics, Engineering, Robotics, Computer Programming, Graphic Production and possibly more. Students may choose one or multiple blocks of Maker Space.

Media Design 11/12

Credits: 4

Course Code: MMEDD11/12

Media Studies is a computer course in which several digital pathways will be explored depending on the interest and/or needs of the students. These pathways may include: Animation including 2D Modeling and Stop Motion Animation, Television and Film Production, Digital Photography including the use of Photoshop, Web Design and/or Graphic Design. This course runs in a series of levels; complete level one and move on to levels two and three. Students will have the opportunity to build on skills in each level and will be challenged to take on larger projects.

Engineering 11/12

Credits: 4

Course Code: MENR-11/12

Engineering 11/12 is highly recommended to take in conjunction with Physics 11. This course will feature design challenges and expanded hands-on and technical labs that build on the concepts that students learn in Physics 11. We will learn to use a wide variety of traditional and high-tech tools, all the way from hammers to 3D printers, in order to design, create and test solutions to real-world problems.

ENGLISH LANGUAGE ARTS

Creative Writing 11	Credits: 4	Course Code: MCTWR11
----------------------------	-------------------	-----------------------------

Creative Writing 11 is designed for students who are interested in refining their writing skills through self-expression for various creative purposes. The course provides students with in-depth opportunities to explore memoir, stories, poetry, and creative non-fiction. Students in Creative Writing 11 will collaborate and strengthen their skills through writing and design processes. This course is not an elective and counts as your grade 11 English language arts credit.

First Peoples Lit Studies/Writing 11	Credits: 4	Course Code: MEFLS11
---	-------------------	-----------------------------

First Peoples Literary Studies 11 is intended for both Indigenous and Non-Indigenous students. It represents an invitation to all learners to explore and discover First Peoples' worldviews through the study of literary, informational and media text with local, Canadian and International First Peoples' content. The class is the academic equivalent of English Language Arts 11. With an emphasis on Indigenous topics, authors and a wide scope of applicable literature, the course allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media.

First Peoples Lit Studies/New Media 11	Credits: 4	Course Code: MELNM11
---	-------------------	-----------------------------

EFP Literary Studies/New Media 11 is designed for students who are interested in studying First Peoples' literature and examining the evolving role of technology in today's society, especially the increasing importance of digital media in communicating and exchanging ideas and engaging in social advocacy. Students delve deeply into First Peoples' oral and written literature in a range of media to explore various themes, authors, and topics. This provides a foundation for students to think critically and creatively as they continue to explore, extend, and strengthen their own writing and communication. Students examine the increasingly complex digital world and have opportunities to demonstrate understanding and communicate sophisticated ideas through a wide variety of digital and print media.

English Studies 12	Credits: 4	Course Code: MENST12
---------------------------	-------------------	-----------------------------

The required English Studies 12 course builds on and extends students' previous learning experiences in previous ELA courses. It is designed for all students and provides them with opportunities to:

- refine their ability to communicate effectively in a variety of contexts and to achieve their personal and career goals
- think critically and creatively about the uses of language
- explore texts from a variety of sources, in multiple modes, and that reflect diverse worldviews
- deepen their understanding of themselves and others in a changing world
- gain insight into the diverse factors that shape identity
- appreciate the importance of self-representation through various methods of communication
- contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples
- expand their understanding of what it means to be educated Canadian and global citizens

First Peoples Literary Studies 12	Credits: 4	Course Code: MENFP12
--	-------------------	-----------------------------

With an emphasis on Indigenous topics, authors and a wide scope of applicable literature, the course allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media.

HOME ECONOMICS

Food Studies 11/12

Credits: 4

Course Code: MFOOD11/12

This course covers meal and recipe design with components of recipe development and modification. In this course we will analyze ingredients, functions of ingredients, proportions, temperatures, and different preparation methods. Students will compare factors that contribute to Canada's food guide, First People's food guides and international food guides. Students will also study food labeling and food marketing strategies and their impact on specific groups.

Culinary Arts 11/12

Credits: 4

Course Code: MCUL-11/12

This senior course requires evaluation and refinement of culinary principles and practices. Students study diverse cuisine and cooking methodologies, menu design and the artistic elements of culinary arts. Students will identify characteristics of culinary ingredients, methods for seasoning and presentation and substitutions to facilitate dietary restrictions and allergies. Students will recognize advancements in culinary tools and career opportunities in the food industry.

Child Development 12

Credits: 4

Course Code: MCDAC12

Explore a variety of topics from social issues, to child development and growth, to relationships, to housing needs. A great course if your interests are in psychology, sociology, human development or planning for your future in independent living.

LANGUAGES

French 11

Credits: 4

Course Code: MFR--11

Students will interact with growing confidence in French and will refine comprehension skills through the exploration of a variety of texts and authentic documents. Grammar increases in complexity and continues to be used as a tool to help students communicate in speaking and writing in an effective and more sophisticated manner. The themes encountered in Grade 11 may include Technology, Film, Literature, Art, Travel and Jobs. Students will learn about the topics themselves as well as learn the French needed for practical communication about the topics. Successful completion of French 11 provides the minimum language entrance requirement for most universities. There may be an opportunity for students to take the DELF exam (Diplome d'Etudes de langue francaise). This French proficiency exam is recognized internationally.

French 12

Credits: 4

Course Code: MFR--12

As the final French course taught in high school, French 12 will emphasize task-focused communication and develop students' ability to communicate both orally and written. Students will also further develop their confidence to access, understand and enjoy a variety of texts for a variety of purposes. We will continue to broaden our understanding of Francophone cultures and identities through the exploration of authentic examples of music, film, written texts, and artworks.

LEADERSHIP

Leadership 11/12

Credits: 4

Course Code: YCPA-1B/2B

This leadership course is intended to help students acquire new leadership skills and enhance existing skills. By their direct involvement in the organization of school and community events, the students will acquire practical skills and knowledge essential for effective leadership in any organization. The course will stress the following elements: effective communication skills between individuals and within groups, knowledge of public relations and mass media, time management skills, effective public relations, experience gained in school-based activities (assemblies and special events), and organizational skills needed to succeed in running effective events within the school and community.

Sports Leadership

Credits: 4

Course Code: YHRA-1A/2A

The students will be exposed to the various disciplines surrounding School Sports Leadership and Administration. This will include learning about and taking part in Coaching, Mentoring, Refereeing, Scorekeeping, Communications, School Spirit, Team Management, Intramurals, First Aid/Athletic Training and Organizing Special Events. Students will have opportunities to gain various certifications throughout this course including officiating certification for both volleyball and basketball. This certification can then be used to officiate games and **start earning income!**

UNDERSTANDING MATHEMATICS

“What are the Pathway Names and what is in them?”

Each pathway is designed to provide students with the mathematical understandings, rigor and critical-thinking skills that have been identified for specific post-secondary programs of study and for direct entry into the work force. The content of each pathway has been based on the *Western and Northern Canadian Protocol (WNCP)* which governs curriculum in the Western Provinces and Northern Territories. There are three pathways of courses to consider:

Workplace Mathematics (Courses at grade 10, 11 and 12)

This pathway is specifically designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades at post-secondary and for direct entry into the work force. Topics include algebra, geometry, measurement, number, statistics and probability.

Foundations of Mathematics (Courses at grade 11 and 12)

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus like Economics, Geography, Arts or Humanities. Topics include financial mathematics, geometry, measurement, number, logical reasoning, relations and functions, and statistics and probability. Most students will choose this pathway.

Pre-calculus (Courses at grade 11 and 12)

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus like Sciences or Engineering. Topics include algebra and number, measurement, relations and functions, trigonometry, permutations, combinations and binomial theorem. A small number of students will choose this pathway because of the higher-level topics included in it.

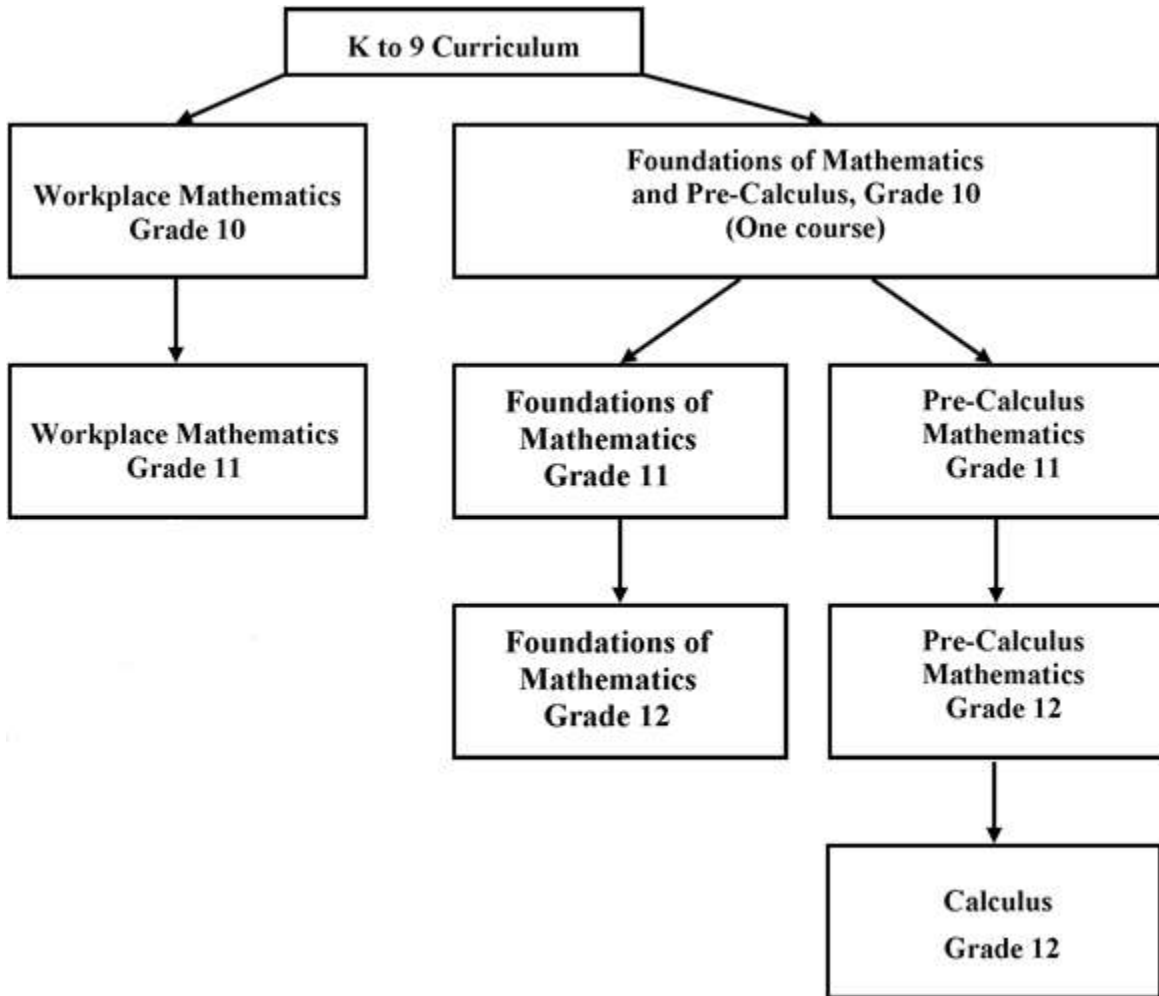
“Which Math course is best suited to my child?”

While there is no “rule” about which Math course is right for each student, the decision can be made easier by thinking about your child’s ability in Math, his/her interest in Math, and his/her future education and career plans. The new courses have been designed to facilitate student success after high school. **For example:** If your child has worked hard in Math 8 or 9, enjoys working on projects or “hands-on” activities, or intends to pursue a trade or technical job after high school, and then choose the **Workplace pathway**.

If your child has worked hard in Math 8 or 9, enjoys working on projects or “hands-on” activities, or is planning further study in the Social Sciences like Economics, Geography, Psychology, Arts or Humanities at post-secondary, then the **Foundations pathway** will be the best choice. If your child has been very successful in Math 8 and 9, enjoys the challenges of Math, and is thinking about future education or a career that involves Sciences or Engineering at a university, then starting the **Pre-Calculus pathway** will be the best choice.

Your child’s education choice after high school depends, in part, on the courses he/she takes in high school. To find out more information about each pathway option, please talk to your child’s Principal, counselor and math teacher as well as visit www.wncp.ca for more curriculum information. **Parents need to remember that grade 10 has ONLY two courses but there are three pathways in grade 11 to 12. Please review the diagram below. Students who choose grade 10 Workplace Math cannot move to the Foundations stream easily. The learning outcomes of Workplace 10 are not designed to support students going into Foundations 11.**

MATHEMATICS PATHWAYS



MATHEMATICS

Foundations of Math 11	Credits: 4	Course Code: MFOM-11
-------------------------------	-------------------	-----------------------------

This pathway is designed to provide students with the mathematical understandings and skills identified for post-secondary studies in programs that do NOT require the study of Calculus. Topics include Inductive/Deductive Reasoning, Properties of Angles and Triangles, Trigonometry, Statistics, Inequalities and Functions, Proportions and a Math Research Project. Financial Students who are interested in post-secondary studies like Humanities, Arts, Geography or Law, and History should choose this pathway.

Pre-Calculus Math 11	Credits: 4	Course Code: MPREC-11
-----------------------------	-------------------	------------------------------

This pathway is designed to provide students with the mathematical understandings and skills identified for entry into post-secondary programs that require the study of calculus, science, engineering, medicine, and business. Topics include algebra, equations and functions, trigonometry, and sequences and series. This course is an appropriate selection for students who have a strong work ethic out of FPC Math 10 and are able to work more independently. Students who complete A&W Math 10 are not eligible to take Pre-Calculus 11 in their grade 11 year. Pre-Calculus Math 12 follows the next year.

Workplace Math 11	Credits: 4	Course Code: MWPM-11
--------------------------	-------------------	-----------------------------

This pathway is designed to provide students with the mathematical understandings and skills identified for entry into trade schools and for direct entry into the work force. Topics include: financial literacy, rate of change, probability and statistics, interpreting graphs and 3D objects. Students who have taken Workplace Math 10 should take this course in grade 11.

Calculus 12	Credits: 4	Course Code: MCALC12
--------------------	-------------------	-----------------------------

Intended for students who wish to cover topics beyond the Math 12 level. Recommended for all students going into Math, Science, Engineering and some business courses. Topics include the derivatives of various functions, integration and their application to solving problems. Students need to take a Math 12 in Semester 1, before Calculus in Semester 2.

Pre-Calculus Math 12	Credits: 4	Course Code: MPREC12
-----------------------------	-------------------	-----------------------------

This course is designed for students who have a particular interest in mathematics, or who have career aspirations in the fields of engineering, mathematics, the sciences, economics and some business programs. Students need to have their own personal graphing calculator. The course will cover the following topics: (A) Problem Solving, (B) Patterns - Geometric Sequences and Series, (C) Variables and Equations, (D) Relations and Functions - Logarithms and Exponents, Trigonometry, (E) Transformations, (F) Combinations, and Probability.

MUSIC

Concert Band 11/12

Credits: 4

Course Code: MIMBC11/12

This course continues to develop the instrumental training of Band 10. The main goal of every class is playing and performing music. We will play a variety of fun and challenging music in a wide variety of styles throughout the year. The emphasis for this course is class cooperation, and group and individual achievement. Students will perform at two major concerts, as well as at festivals, and on a major trip each year. Students in this course may also be eligible to participate in the Highland Senior Jazz Band. This is a year-long course.

Choral Music 11/12

Credits: 4

Course Code: MCMCC11/12

This course introduces students to singing in a group setting, but also welcomes experienced singers as leaders in the group. The class will work on fun and challenging songs in 3 and 4-part harmony in a wide variety of styles. Choir meets at lunch and after school, so you do not have to sign up for it on the course selection sheet. Enrollment will take place in September. Solo possibilities exist, but no solo singing is required. Students will perform in a choir festival, at all three Comox elementary schools, and at the two major school concerts.

Jazz Band 11/12

Credits: 4

Course Code: MIMJB11/12

This course gives students the chance to develop playing skills in jazz, rock and Latin music. Basics of jazz improvisation will be introduced, but the main emphasis is on playing and enjoying different musical styles. Jazz Band meets at lunch and after school, so you do not have to sign up for it on the course selection sheet. Enrollment will take place in September. Jazz Band members will perform at two major concerts during the year as well as on the annual senior music trip. All Jazz Band members must also be in Band 11 or 12.

PHYSICAL and HEALTH EDUCATION

Active Living 11/12

Credits: 4

Course Code: MACLV11/12

Has a recreational emphasis in performance, leisure, active health and personal development. Emphasis is on lifetime/leisure activities, team sports and recreation. This course helps satisfy the Graduation Portfolio requirements set out by the Ministry of Education.

Adventure Program

Credits: 8

Code: MODED11/MFTCD11

This program consists of two paired courses: **Fitness & Conditioning 11/12** and **Outdoor Education 11/12**. This is a fun and exciting course that includes a variety of outdoor adventure trips including day hikes, overnight backpacking trips, and canoe trips. Potential major trips include the Sayward Lake's Chain Canoe trip and Cape Scott Backpacking trip as well numerous other trips. Students will learn fitness and conditioning skills as well as outdoor recreation skills to learn how to successfully participate in a variety of outdoor adventure activities. Students should be aware that there is a cost associated with this course to help pay for all of the trip expenses. Expect the course cost to range between \$300-\$500. Fundraising opportunities may become available. If cost is a concern please see an administrator.

Competitive Games 11/12

Credits: 4

Course Code: YLRA-1A/2A

PHE 11/12 Competitive Games course offers a curriculum that integrates competitive games with a focus on skill development, physical activity, and health-related topics, catering to the educational needs of Grade 11 and 12 students.

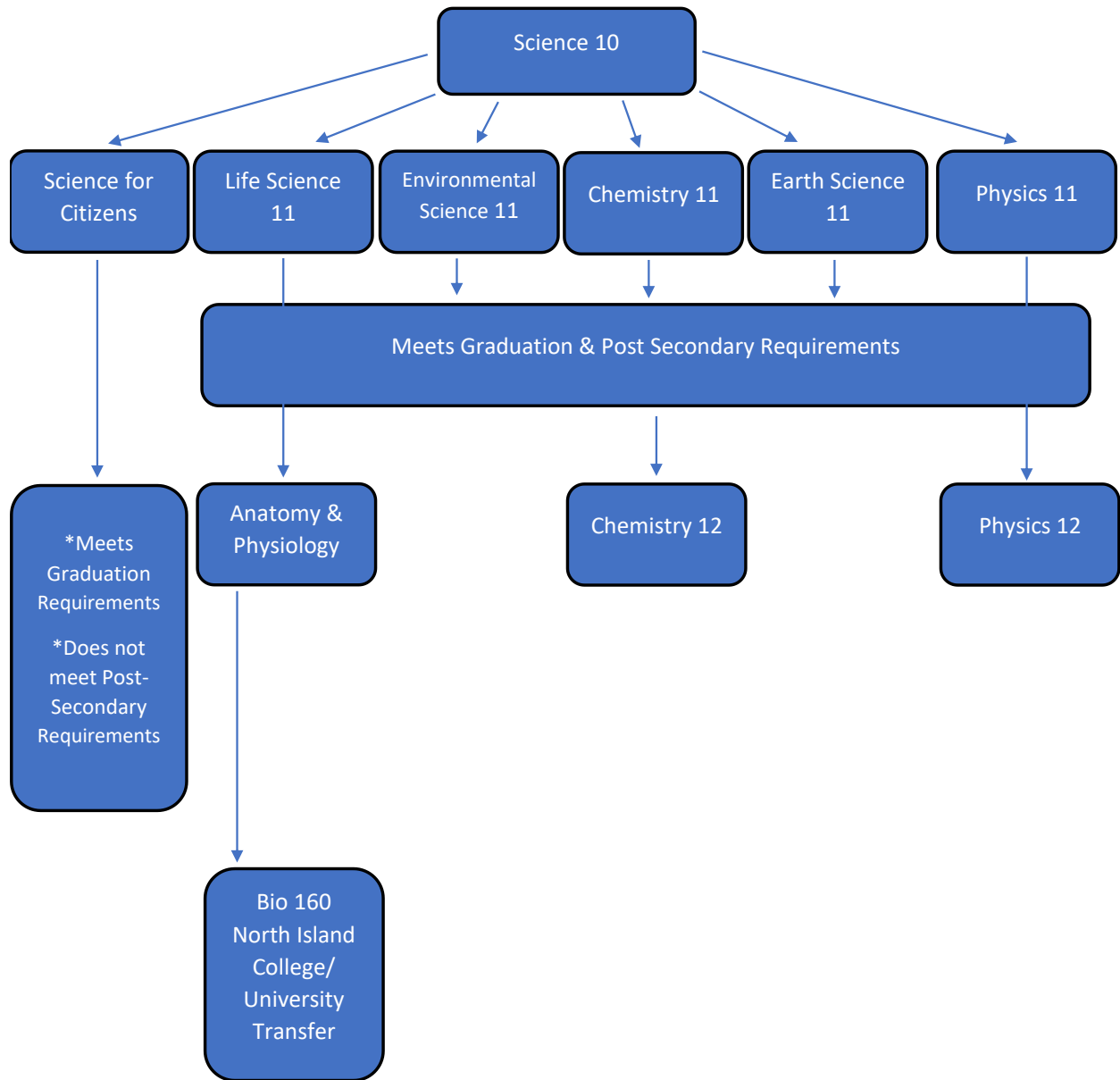
Fitness Studio for Girls 11/12	Credits: 4	Course Code: YHRA-1B/2B AL
---------------------------------------	-------------------	-----------------------------------

Fitness for girls is a class geared toward mind body fitness and overall health and wellbeing. It is an all-girls class designed for promoting active living and enjoying the benefits that come from incorporating fitness into your life. Students will keep a journal to monitor the improvement of personal fitness levels (strength, cardio, and flexibility) as well as mood, nutrition and sleep patterns throughout the course. At the Senior level, girls will be introduced to career possibilities in the health and wellness industry. They will also be required to complete a project or presentation showing leadership skill or research into a relevant topic.

Fitness & Conditioning 11/12	Credits: 4	Course Code: MFTCD11/12
---	-------------------	--------------------------------

This class is designed for students who want to increase their personal physical fitness levels. Students will set personal goals and then design and participate in a fitness training program designed to achieve those goals. Students may focus on developing their strength, power, speed, agility, quickness, flexibility, and core strength. Healthy nutrition habits, rest and recovery and injury prevention will may also be incorporated.

Sciences



Please visit post-secondary institution websites on an ongoing basis to determine requirements for individual programs.

Anatomy & Physiology 12	Credits: 4	Course Code: MATPH12
------------------------------------	-------------------	-----------------------------

Anatomy and Physiology 12 is an academic science course that is weighted toward cells and human biology systems. Participation in the dissection of preserved specimens is considered an integral part of this course. This course prepares students for post-secondary programs that require a biology background and can also be for interest in learning how body systems interact.

Chemistry 11	Credits: 4	Course Code: MCH--11
---------------------	-------------------	-----------------------------

Chemistry 11 provides a thorough grounding in the principles of Chemistry providing the necessary knowledge for entry into University Science Programs. The course emphasizes **applying mathematics** to explore the ideas that relate to matter. This is a laboratory-based course and successful completion of all lab work is a requirement. Topics included are the mole concept, molarity, chemical reactions, stoichiometry, atomic composition, the periodic table, bonding and organic chemistry. Chemistry 11 builds on the past knowledge acquired in Science 10 Chemistry. **Strongly Recommend:** C+ minimum in the Chemistry section of Science 10 and a C+ minimum in Foundations and Precalculus 10 or Foundations Math 11.

Chemistry 12	Credits: 4	Course Code: MCH-12
---------------------	-------------------	----------------------------

Chemistry 12 is a challenging course that includes the study of reaction kinetics, equilibrium, acids/bases/salts, oxidation-reduction, and solubility equilibrium. This course has a substantial emphasis on applying mathematics to problem situations. Explorations of chemical reactions are included in chemistry labs and students are encouraged to analyze both quantitative and qualitative observations. This course may be used as an academic Grade 12 level course for university entrance and provides excellent preparation for studies in science at the post-secondary level. **Strongly Recommend:** Prior Completion and C+ or higher in both Chemistry 11 and in Pre-Calculus 11.

Earth Science 11	Credits: 4	Course Code: MESC-11
-------------------------	-------------------	-----------------------------

This course covers a number of interesting aspects of our dynamic Earth. Areas of study include: **Geology:** volcanoes earthquakes, natural resources, fossil fuels, radiometric dating, rocks and erosion. **Astronomy:** our solar system and the life cycle of stars. **Oceanography:** seafloor structures and ocean currents. **Meteorology:** the atmosphere, clouds and storm systems (lightning, tornadoes and hurricanes). This course satisfies the Gr. 11 science grad requirement, is a natural introductory course for Geography 12 and is recognized by universities and colleges.

Life Science 11	Credits: 4	Course Code: MLFSC11
------------------------	-------------------	-----------------------------

This course covers an overview of life on earth from viruses to mammals, how they interact, and theories on their origin and how they have evolved through time. This is a hands-on course with lots of dissections, labs, nature walks and local plant identification. Students who will be studying Biology in college or university should take Life Science 11.

Physics 11	Credits: 4	Course Code: MPH--11
-------------------	-------------------	-----------------------------

Physics 11 is an introductory physics course offering instruction in the areas of mechanics and dynamics of motion, energy transformations and work, wave theory and sound, and DC electrical circuits. This is a challenging course requiring good math skills.

Physics 12	Credits: 4	Course Code: MPH-12
-------------------	-------------------	----------------------------

Physics 12 is a challenging course designed to prepare university-bound students for future science studies. Course content focuses on vector dynamics and mechanics, momentum, work and energy, electrostatics, magnetism and electromagnetic induction. Students should have strong math skills and a minimum of 75% in Physics 11.

SOCIAL STUDIES

20th Century World History 12	Credits: 4	Course Code: MWH-12
---	-------------------	----------------------------

This course deals with major events, ideologies, and movements of the 20th century. Course content is somewhat flexible, and generally covers the results of the First World War, the rise of fascist Italy and Nazi Germany, the Second World War, the Holocaust, and the Cold War. Beyond these topics, areas of study may include Gandhi in India, the rise of communism in China, the Civil Rights Movement in the USA, and the Palestinian – Israeli conflict. The course delivery includes lecture and notes, guest speakers, simulation activities, discussions, and research assignments. This academic course is ideal for students who wish to know more about the influences that have shaped the world around us.

Genocide Studies 12	Credits: 4	Course Code: MGENO12
----------------------------	-------------------	-----------------------------

Genocide Studies 12 may be one of the pivotal courses in your high school career. This course investigates genocides and atrocities across the globe, the roles people played in them, how we remember and memorialize them, and what we can do now. By studying human rights and genocides, you will be shocked, disturbed, saddened and most importantly, moved to action. Our classroom will be a safe place for all students to learn, teach, inquire, and question. **Given the abhorrent nature of genocide, this course will include material that may be emotionally and/or psychologically challenging for students.**

Human Geography 12	Credits: 4	Course Code: MHGEO12
---------------------------	-------------------	-----------------------------

Human Geography covers a wide range of topics that explore our societal interactions and relationship with our physical world. The course explores many global issues, their root causes and potential solutions including topics such as food and water scarcity, climate, the health and nature of our planet. At its core, we study the physical features of our world and the natural as well as the human processes that have shaped it over time.

Law Studies 12	Credits: 4	Course Code: MLST-12
-----------------------	-------------------	-----------------------------

Provides an introduction to the Canadian legal system. Topics include historical background, legal procedures, criminal law, torts, family law and contracts. Research skills and debate are major course components. Guest speakers include a lawyer, a police officer, RCMP dog handler, and youth justice supervisor. The class also visits the provincial courthouse.

Psychology 11 – Foundations	Credits: 4	Course Code: YPSYC1A
------------------------------------	-------------------	-----------------------------

Psychology 11 provides an introduction to this discipline. The course surveys many of the professional fields of psychology and focuses on conditioning, intelligence, social psychology, developmental psychology, and ethics. This course is a great overview for students planning careers in teaching, childcare, health care, social work, and counseling.

Psychology 12 – Applications	Credits: 4	Course Code: YPSYC2A
-------------------------------------	-------------------	-----------------------------

This course is a continuation from Psychology 11, taking a scientific approach to all units. Explore the ideas, theories, and methods of the scientific study of behavior and mental processes. We will continue into a deep dive into the biological bases of behaviour, sensation & perception, motivation & emotions, personality, clinical psychology and social psychology. This will be a fun course with a focus on hands-on learning. While successful completion of Psychology 11 is not mandatory, it is highly recommended.

Social Justice 12**Credits: 4****Course Code: MSJ--12**

Social justice issues are complex and involve necessary and critical discussions about bias, self-identity, equity, beliefs, morality, ethics, social service, restitution and, ultimately, INJUSTICE - in our community, in our nation and in the larger world. From anti-racism to Black Lives Matter, to discrimination and systemic oppression of LGBTQ2+ folks, women, indigenous people, disabled people, and other marginalized groups, this class will raise your awareness. Other important topics will include environmental justice, privilege and power, poverty and access to services, international social injustices (ex. Afghanistan), international laws and charters. Finally, every student will be asked to consider their own role in activism, advocacy and/or allyship in social justice movements. Join Social Justice 12 – you can be the change you want to see in the world.

TECHNOLOGY EDUCATION

Jewelry & Metalwork 11**Credits: 4****Course Code: MTMET11**

Design and make your own creative, unique jewelry, and learn how to (safely) play with fire and build with metal! Skills include safe use of machines & hand-tools, hot and cold joining, professional lost-wax casting, and even a bit of welding and lathe-work to build projects from rings to belt buckles. Both set and self-directed projects can take you almost anywhere you'd like to go in this course! See <https://mstancon.com/> for some great examples of student work.

Jewelry & Metalwork 12**Credits: 4****Course Code: MTAMJ12**

If you have taken Jewelry 11 and have shown your instructor that you can be responsible and independent in the shop, you have earned some freedom of choice! After completing an introductory project to refresh the skills you've learned, you will design and create self-directed projects in your field of interest. Projects must be approved by the instructor. See <https://mstancon.com/> for some great examples of student work.

Maker Space 11/12**Credits: 4****Course Code: multiple**

The Makerspace is an environment where students learn the skills to design and create projects with Electronics, CAD (Computer Aided Design) software, and high-tech tools like 3D Printers and Laser Cutters. Students are encouraged to focus on an area of technology of their choosing, and bring their own ideas and projects to class to be made with the guidance of the instructor.

Woodwork 11**Credits: 4****Course Code: MWWK-11**

Are you interested in a career in woodworking or carpentry, or just hoping to develop your hands-on skills? In this course, you will design and create several skill-building projects in order to gain confidence and independence in the shop. This is a participatory and hands-on class and is designed to help everyone feel comfortable and safe while creating everything from furniture to art to skateboards!

Woodwork 12**Credits: 4****Course Code: MWWK-12**

If you have taken Woodwork 11 and have shown the instructor that you can be responsible and independent in the shop, you have earned some freedom of choice! Students will complete a brief introductory project to refresh the skills they have learned in previous woodwork classes, then are able to design one larger project (or several smaller ones) to complete as their major focus of the course. Projects must be approved by the instructor, and students will be expected to write their own process booklet as they complete their project(s).

Robotics71	Credits: 4	Course Code: multiple
-------------------	-------------------	------------------------------

The Robotics71 is a District STEM program geared towards students interested in robotics and the Engineering field. The program/course is open to all Comox Valley Schools students in Grade 8 through Grade 12 and will be offered in the “Botshop” at Highland Secondary School Tuesday and Thursday afterschool from 4:00pm – 6:00pm beginning in mid-September and running until June.

- The program builds skills in; coding, communication and collaboration, electronic wiring, mechanical design and assembly, machining & fabrication, 3D printing & laser cutting.
- Students have the opportunity to compete in Vex and Skills Canada tournaments (locally, provincially, nationally, internationally).

OTHER OPPORTUNITIES

Emergency Medical Responder	Credits: 4 (8)	Course Code YAH--2A
------------------------------------	-----------------------	----------------------------

The Emergency Medical Responder Course is a course offered at Highland in partnership with the Justice Institute of British Columbia. This is an entry-level medical course that trains candidates to respond to life-threatening medical conditions and traumatic emergencies. The EMR course is systematically designed to progress learners through all aspects of pre-hospital care including various treatment guidelines and medical protocols. The course also focuses heavily on enhancing situational management skills, confidence, and communication within the context of emergency medicine and pre-hospital care. As learners develop through the course, they are introduced to essential concepts of emergency medicine and establish a foundation in medical terminology, human anatomy, physiology, pharmacology, and clinical science. The skills and training attained through the EMR course meet and exceed occupational first aid training. Attendance is required as this is a very hands-on course. Employment opportunities for licensed Emergency Medical Responders may include Ambulance services, Fire and Rescue services, Occupational or Industrial first aid settings and more.

Independent Directed Studies	Credits: 4	Course Code: MIDS-1A/2A
-------------------------------------	-------------------	--------------------------------

Independent-Directed Studies (IDS) allows students to initiate their own learning under teacher supervision. The IDS program allows students to:

- pursue learning outcomes that extend beyond those normally taught in the classroom
- pursue studies independent of the classroom schedule

In order to participate in an IDS course, a student must have demonstrated the ability to work independently and to have prior approval by the principal. Meetings to discuss enrollment in IDS courses must be held in June and September.

An IDS course must be based on, and extend, approved curriculum. It is the responsibility of the student to find a teacher sponsor for the IDS; the teacher must complete the required IDS course form. Working with an educator, the student should help to design, plan and evaluate his or her work. An IDS course plan should include:

- a process for ongoing facilitation and assessment
- criteria for determining successful completion of the IDS
- a credit value (either one, two, three or four credits) and grade level (10, 11 or 12) for the IDS
- elective courses in the 2004 Graduation Program

Library Assistant**Credits: 4****Course Code: YED--1A/2A**

The goal of this TA position is to instill students with the independent, forward thinking and problem-solving work ethic that employers require. Students will learn basic library skills such as how to shelve and organize library materials, as well as create fiction and non-fiction displays. In addition, students are encouraged to use basic computer and technology tools, such as applications software, e-resources and digital media to complete tasks. Furthermore, students may be asked to read fiction and non-fiction resources and create reviews for their peers. Permission from the librarian is needed to take this course. Sign-up for this course must occur through a counsellor - maximum 1 student per block.

Tourism**Credits: 4****Course Code: MTRM-12**

Interested in a career in the tourism and hospitality industry? Want to learn how to get paid to travel? Come aboard and discover emerging trends and exciting career opportunities in tourism such as adventure and eco-tourism, hotel management, tour-guiding and much more. We will focus on local opportunities for travel in BC, Canada and around the World, and students will learn the fundamentals of trip planning. Students will develop hospitality and communications skills and there will also be an opportunity to receive practical tourism and hospitality certifications. These certifications will provide students with transferable employment skills to help them gain employment in any of the 5 sectors of the tourism industry. Finally, we will explore post-secondary options for those who wish to continue their studies in this fast-paced and exciting industry. Come be inspired to explore our beautiful planet!

Yearbook 11/12**Credits: 4****Course Code: YCC1CYB/2CYB**

A yearbook is the most important document produced during a school year. Students involved in this class will have the opportunity to record the history by writing about, taking photographs of and laying out images in Highland's yearbook. Anyone interested in graphic design and in working with colour will find this class a great addition to their portfolio and their resume. Careers related to Yearbook include [Journalism](#), [Photojournalism](#), [Writing](#), [Scriptwriting](#), [Travel writing](#), [Self-publishing](#), [Science and technical writing](#), [Copywriting](#), Broadcast journalism, Public relations, Newspaper Editor, Magazine Publisher, Advertising and promotion, Film and Video editors, Reporter, Overseas Correspondent