

**2026  
2027**

CARIHI SECONDARY SCHOOL



# **COURSE GUIDE**



## **Table of Contents**

Table of Contents	p. 1
Principal's Message	p. 2
Carihi Services & Programs	p. 3 & 4
Programs SD# 72	p. 5
Electives at Carihi	p. 6
External Credits	p. 6
Carihi Courses at a Glance	p. 7
2018 Graduation Program	p. 8
My Credits for Graduation	p. 9
Required Provincial Assessments	p. 10
Grade 9 Welcome to Carihi	p. 11

## **Course Descriptions**

English	p. 12
Science	p. 13 & 14
Mathematics	p. 15 & 16
Social Studies	p. 17 & 18
Home Economics Food/Textiles	p. 18 & 19
Video Production	p. 19
Studio Tyee	p. 20
Physical Education	p. 21 – 23
Outdoor Experiences	p. 23
Visual & Fine Arts	p. 24
Dance	p. 25
Languages	p. 26 & 27
Performing Arts	p. 27 & 28
Technical Education	p. 28 & 39
Business Education	p. 29
Integrated Studies	p. 30
Human Services	p. 31
Extra Curricular Activities	p. 32
Career Life Education & Connections & Capstone	p. 33
Work Experience Opportunities	p. 34
Post Secondary & Dual Credit Options	p. 35 & 36

## **Helpful Hints**

After Secondary School	p. 37
Scholarships & Bursaries	p. 37
10 Steps to Select the Right Post-Sec. School	p. 37

## **Course Guide 2026-27**

This course booklet describes more than just a catalogue of courses. It describes our support services, and extracurricular activities. All three will be important parts to your new school year. The booklet also contains important information on graduation requirements, dual credit courses, and post-secondary information. Take the time to read about course requirements for each grade, the pathways offered as you move from one grade to the next, and the clubs and activities that offer a way to pursue your passions, and explore new interests as well. Your new school year will bring as many new experiences as you are willing to try. With this, it is also important to keep a balanced lifestyle, to avoid feeling stressed, so you can enjoy your choices. You do not have to explore everything at once.

We create a school timetable based on student course selections. The timetable will first commit to required courses, and then fill in electives. Not all electives that are a student's choice may be in the timetable. There are many considerations when creating a timetable for so many students. That is why it is important to have a list of preferences, but also know that you may not get all the electives you hoped for. But, over the four years, you will most likely experience a wide variety of electives that you are interested in.

During this process, it is important that you are mindful of what the required courses are that you must take, and remember that keeping an open mind is important if you are offered the chance to explore something different.

Enjoy the planning process and we look forward to helping you and learning with you in the 2026—2027 school year.

Sincerely,

Sean McLaughlin

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## Carihi Services & Programs

### Counselling

Counselling services are available for every student in the school. These services include assistance with course planning, post-secondary planning, career exploration, and personal counselling. The counselling team at Carihi is committed to providing resources and support for students as they make the major transition from adolescence to adulthood. Our counselling team is also connected to community and ministry supports and services. Students may book appointments through email or TEAMS. Parents and guardians are urged to contact the counsellors at any time with concerns regarding the progress of their son or daughter. While our students are able to choose their counsellor according to their personal preferences, we do assign students to each counsellor according to students' last names.

### Career Development

Carihi works hard to guide students in the exploration and selection of a career. Work Experience, trades training, and dual credit options with post-secondary institutions are some of the options available. You may wish to check the course descriptions in this booklet to determine which subject areas currently offer options or dual credit options into post-secondary institutions. See your counsellor for more information.

### Indigenous Connections

The Indigenous Connections is a unique program designed to provide cultural, academic, and social-emotional connections for Indigenous students. The incorporation of Indigenous perspectives and ways of knowing provides students with opportunities to engage in their school experience through an Indigenous lens. The main goal is to facilitate a welcoming environment, that is rich in learning, connections and supports. Our Indigenous Support Teacher reaches out to students to provide these one-on-one and small group opportunities at different times throughout the year.

### Indigenous Youth Care Workers

Students of Indigenous ancestry are encouraged to access the services of our Indigenous Youth Care Workers who are working out of room E124 and help with academic, social-emotional and personal concerns. They also foster positive connections between families and the school and are able to connect students and families to community resources. Our Indigenous Youth Care Workers are available throughout the day. You can access this service by contacting them directly, or through school counsellors or teachers.

### Youth Care Worker

Our Youth Care Worker supports and advocates for students needing assistance with managing everyday situations that impact their ability to function and grow in positive ways. Students receive guidance with social, emotional and academic challenges through a collaborative approach towards achieving their personal success in school and the community.

### Learning Commons

Our Learning Commons provides a welcoming collaboration, reading and study space for students and staff! Our latest addition is a sound and video recording studio for student use. We have a wide selection of current novels and non-fiction books, plus provide access to many current news, reference and academic articles via online databases. Students may also download e-books and audiobooks to their own devices, or borrow MP3 players which contain a variety of fiction audiobooks. Before school, after school and during breaks students are welcome to use the library computers and printer to work on and print school assignments. Students are invited to ask the teacher-librarians for assistance when researching or just looking for a good book to read! Our library catalog, which includes e-books and access to databases, is online at [library.sd72.bc.ca](http://library.sd72.bc.ca).

## **English Language Learning**

In School District 72, our English Language Learning Program offers additional services to provide academic and social support throughout the school year for English Language Learning students.

Support is facilitated by our District ELL Coordinator. The program goals are to support the development and proficiency of a student's:

Oral language through listening and speaking activities

Academic reading and writing skills

Academic and social vocabulary acquisition

Pride in sharing of their home culture as well as building an understanding of Canadian culture

## **Skills For Life Program (SFL)**

SFL is designed to meet the individual programming needs of students on evergreen programming. The focus of the program is to enhance self-esteem in conjunction with the teaching of academics and life skills. The program is designed to promote self-advocacy skills while transitioning into the community and the workplace. These skills are taught in the SFL class, integrated classes, the school, and a variety of community settings.

## **Learning Support Services**

Our Learning Support Teachers work collaboratively with teachers and students to set and reach goals to improve learning. They are skilled in teaching strategies that will build literacy and numeracy skills. Our team is also skilled in providing strategies and support in personal awareness and self-regulation. It is an integrated model which embeds support in the classroom, but also offers opportunities for small group and one-on-one intervention.

## **SUMMIT 9-11**

Summit is a linear, alternative program that offers students the opportunity to experience school and learning in a different way. Each year in Summit, multiple core courses are integrated over the course of the whole year. In grades 9 and 10 this includes English, Social Studies, Physical Education, Math and Science; in grade 11 it includes English First Peoples, Math, Environmental Science, and Careers. This structure creates the flexibility for students to engage with and gain credit for these subjects through more organic and intertwined (cross-curricular) learning experiences, including community-based projects, work-related experiences, volunteer opportunities, outdoor education, and cultural experiences, alongside traditional learning practices.

In Summit, students are surrounded by a consistent and familiar support team of teachers, EA's, and other staff. By focusing on building community and connections across the whole year, students find a learning space where they feel comfortable and know that their strengths and challenges are well understood by adults at the school who can continue to support them along their high school journey.

## **Counsellors:**

### **Mr. Berg**

Students with last name A-H



### **Mr. Swanson**

Students with last name I-M & International Students



### **Ms. Lloyd**

Students with last name N-Z



### **Inclusive Education**

Other services available through this district office include those of school psychologists, physiotherapist, speech therapists, and visual and hearing impaired specialists. All can be reached at 286-4400.

### **French Immersion (FI)**

Successful completion of these courses earns the student a bilingual high school diploma which gives students the right to attend a French University. Students who wish to leave the French Immersion program and who seek FSL credit should see a counsellor.

<b>FRENCH IMMERSION PROGRAM REQUIREMENTS</b>		
	<b>Required Courses</b>	<b>Elective Courses</b>
Grade 9	Francais Langue 9 Sciences Humaines 9 Sciences 9 Mathematiques 9	No specific French Immersion electives needed
Grade 10	FRAL-10	Sciences 10 Sciences Humaines 10
Grade 11	FRAL-11	Histoire du Monde XXe Siecle 12
Grade 12	FRAL-12	
	All FRAL 10-12 courses are required to graduate with a bilingual diploma	These three electives are required to graduate with a bilingual diploma

## Electives at Carihi

Students at Carihi are fortunate to choose from a wide variety of electives that offer opportunities to explore and find that passion. We encourage students to experience a number of our introductory courses, particularly in grades 9 and 10 in order to decide which areas to explore more fully. Of course, introductory courses are open to students in all grades and are designed to be a starting point for students. Intermediate and advanced courses are designed for students with some previous experience in those areas. As well, a number of our courses are multi-grade with the idea that like-minded students can share their interests and passions regardless of where their skills are on the continuum.

Because elective offerings are driven by student selection, it is important to choose carefully. Not all elective courses that are offered in this Course Guide are actually scheduled in the final timetable. For example, an elective course that only has a few requests will not be able to run. There are also other important considerations in a timetable. Therefore, it is important to have three choices in mind, while keeping an open mind to exploring other possibilities.

### Introductory Courses

• Applied Sciences 9/10	• Drama 9/10	• French 9	• Band 9
• Power Mechanics 9/10	• Shop-Technology 9/10	• Spanish 9 (Spanish Level 1)	

### Multi Grade Offerings (some grade combinations may change due to scheduling)

• Acting 10-12	• Art Studio 9-12	• Baking 10-12
• Basketball 9-2	• Culinary Arts 9-12	• Textiles 9-12
• Chef Training 10-12	• Community of Writers 9-12	• Drafting 10-12
• Choir 9-12	• Digital Media (Studio Tyee) 9-12	• Foods 9-12
• Entrepreneurship 9-12	• Fly Fishing 10-12	• Hockey 9-12
• French 10 & 11/12	• Forestry 10-12	
• Guitar 9-12	• Outdoor Recreation 9/10	• Video Production 9-12
• Soccer 9-12	• Sculpture and Ceramics 10-12	• Volleyball 9-12
• Spanish Levels 2 & 3	• Yearbook 9-12	• Textiles 9-12
• Concert Band 9-12	• Jazz Band 9-12	• Dance 9-12
• Music Production & Recording	• Psych 11 & 12	

### Electives Occurring Outside of the Timetable

• Sports Leadership 9-12 (mornings, lunch, and after school)	• Leadership 9-12 (mornings)
• Yearbook (lunch hour)	• Musical Theatre 9-12 (after school)
• Carihi Choir 9-12 (after school)	• Concert Band 10-12 (mornings)
• Jazz Band 10-12 (mornings)	• Ignite 10-12 (mornings)

### External Credits

Get credits toward graduation for activities outside of school! Students can earn external credit through various activities in the community. Some of these include:

- taking driving lessons	- upper-level piano
- upper levels of Cadets	- Lifeguarding
- playing on a Provincial level sports team	- first aid training

If you think you qualify for external credits, check with Student Services and / or the institution with which you are associated.

Required Courses			
Grade 9	Grade 10	Grade 11	Grade 12
English 9 Mathematics 9 Mathematiques 9 (FI) Social Studies 9 Sciences Humaines 9 (FI) Science 9 Sciences 9 (FI) FRAL 9 (FI) FRALP 9 (Francophone) Any PE 9 Careers 9	English 10 Any Math 10 course Social Studies 10 Sciences Humaines 10 (FI) Science 10 Sciences 10 (FI) FRAL 10 FRALP 10 Any PE 10	English 11 Any Math 11 Any Social Studies 11 or 12 Any Science 11 or 12 FRAL 11 FRALP 11 Career Life Education (CLE 10) Histoire du Monde XXe Siecle 12	English 12 FRAL 12 FRALP 12 Career Life Connections 12 (Out of timetable)
Electives			
Grade 9	Grade 10	Grade 11	Grade 12
All grade 9 PE courses Applied Science Art Band Cafeteria Choir Dance Textiles Entrepreneurship Food Studies French Guitar Video Production Digital Media Drama Shop-Technology Leadership Musical Theatre Outdoor Recreation Spanish Level 1 Sports Leadership Community of Writers Yearbook <b>French Immersion see p. 6</b>	All grade 10 PE courses All grade 9 electives  <b>Plus:</b> Acting Baking Ceramics Concert Band Drafting Fly Fishing Salmon Fishing Jazz Band Leadership Mechanics Metalwork Music Composition Power Mechanics Robotics Spanish Level 1 or 2 Video Production Woodwork Spanish Level 2 & 3  <b>French Immersion see p. 6</b>	All grade 11/12 PE courses Most grade 9 & 10 electives  <b>Plus:</b> Automotive Anatomy and Physiology 12 Life Sciences 11 Chemistry 11 & 12 Comparative Civilizations 12 Earth Science 11 BC First Peoples 12 Forestry 11 & 12 Law 12 Social Studies 11 Outdoor Adventures (Timberline) Physics 11 & 12 Political Studies 12 Psychology 11 & 12 Social Justice 12 Stream to Sea (Timberline) 20th Century World History 12 Physical Geography 12  <b>French Immersion see p. 6</b>	All grade 11/12 PE courses Most grade 9 to 11 electives  <b>Plus:</b> TRNN (Trades) Programs Work Experience  <b>French Immersion see p. 6</b>

**BC 2023 Graduation Program Requirements for a Dogwood Diploma**

**Required Courses**

Course	Number of Credits
English 10	4
English First Peoples 11	4
English Studies 12	4
Social Studies 10	4
A Social Studies 11 or 12 course	4
Science 10	4
A Science 11 or 12 course	4
A Mathematics 10 course	4
A Mathematics 11 or 12 course	4
Physical Education 10	4
One course from Fine Arts/Applied Skills 10, 11 or 12	4
<b>Total Required Courses:</b>	<b>44</b>

***Elective Credits***

*Students must earn a minimum of 28 elective credits:*

- Grade 10, 11 or 12 Ministry-Developed or Ministry Approved courses
- External Credentials (some might serve as Required Credits)
- Board Authority/Authorized courses
- Post-Secondary credits and or
- Independent Directed Studies

**Total Elective Credits:** 28

***Career Program***

Career Life Education & Career Life Connections & Capstone	8
<b>Overall (minimal) Total:</b>	<b>80</b>

- \* A minimum of 16 credits at a grade 12 level (not including career program courses)
- \* 30 hours' work experience
- \* Indigenous Focused Credit
- \* Graduation Provincial Assessments (see p. 11)

## My Credits for Graduation

Use this page to plan or keep track of your graduation credits, as outlined in the ministry requirements on page 9.

Grade 10		Grade 11		Grade 12	
English 10		English First Peoples 11		English 12	
Career Life Connections 10	OT	Social Studies 11 or 12		Career Life Connections 12 / Capstone	OT
Social Studies 10		Science 11 or 12		.....	
Science 10		Math 11 or 12		.....	
Math 10		Career Life Education 11		.....	
P.E. 10		.....		.....	
.....10		.....		.....	
.....10		.....		.....	
.....10				.....	
<b>French Immersion see page 6 for specific requirements in each grade</b>					
				30 hours of Volunteer Experience	
Grade 10 Year Total:		Grade 11 Year Total:		Grade 12 Year Total:	
<b>Grand Total over 3 graduation years:</b>					
<b>Minimum Total of 80 Credits</b> <b>4 Credits Fine Arts/Applied Skill 10, 11 or 12</b> <b>Indigenous Focused Course</b>					

## Required Graduation Provincial Assessments

There are three Provincial Graduation Assessments that are graduation requirements: the Grade 10 Numeracy Assessment, the Grade 10 Literacy Assessment, and the Grade 12 Literacy Assessment. French Immersion and Program Francophone students have extra provincial assessment requirements.

English Program	French Immersion	Program Francophone
Grade 10 Numeracy Assessment	Grade 10 Numeracy Assessment	Grade 10 Numeracy Assessment
Grade 10 Literacy Assessment	Grade 10 Literacy Assessment	Grade 10 Literacy Assessment
Grade 12 Literacy Assessment	Grade 12 Literacy Assessment  Evaluation de Litteratie de la 12 annee	Evaluation de Litteratie de la 10 annee (Francais langue premiere)  Grade 12 Literacy Assessment  Evaluation de Litteratie de la 12 annee

There will be an opportunity for students to re-write the Provincial Graduation Assessments to improve their achievement level. Until graduation, students may write a Provincial Graduation Assessment up to three times: the original attempt and two re-writes. The best outcome for each of the Provincial Graduation Assessments will be recorded on the students' transcripts.

The ministry designates specific times in the year for the assessment to take place and each school registers their own students and sets up a schedule. It is important that students arrive on their designated day/time.

More information can be found at:

[Provincial Assessment | Building Student Success - B.C. Curriculum \(gov.bc.ca\)](http://gov.bc.ca)



Ministry of  
Education

## Grade 9 Welcome to Carihi

Our hope is that Grade 9 students take advantage of all that Carihi has to offer. We strive to make the transition from middle school to high school a successful one in preparation for students to enter into the Graduation Program. Students at Carihi have the opportunity to choose from a number of different programs, and as a result, we want students to make informed decisions with regards to which classes and programs that interest them the most. There are situations in which a student may not get their preferred electives, but we try our best.

*Use this page to plan and keep track of your grade nine courses.*

English Track		French Immersion Student		District #93 Student	
English 09		English 09		English 09	
Mathematics 09		Mathematiques 09		Mathematiques 09	
Science 09		Sciences 09		Sciences 09	
Social Studies 09		Sciences Humaines 09		Sciences Humaines 09	
Any PE 09		Français Langue 09		Français Langue P. 09	
+ 3 Electives:		Any PE 09		Any PE 09	
.....09		+ 2 Electives:		+ 2 Electives:	
.....09		.....09		.....09	
.....09		.....09		.....09	
+2 Alternatives:		+2 Alternatives:		+2 Alternatives:	
.....09		.....09		.....09	
.....09		.....09		.....09	

*Students are to fill in all blanks. Students should select at least one course from the Fine Arts Electives and one course from the Applied Skills Electives. Remaining courses may be chosen from any of the elective boxes. Students may consider taking a second language elective as some universities still require a language 11 as a pre-requisite for certain programs.*

Applied Skills Electives	Fine Arts Electives	Physical Education
Applied Sciences Culinary Arts / Cafeteria Food Studies Intro to Technical Education	Art Foundations Introduction Digital Media Introduction Drama Guitar Textiles Introduction Video Productions Community of Writers 09	Choir 09 Concert Band 9-12 Jazz Band 9-12 Fitness & Conditioning Active Living Soccer Basketball Hockey Academy 9-12 Volleyball
(Leadership Elective)		Language Elective
Leadership Sports Leadership		French 09 Spanish 9 – Level 1

## **Required Courses, English Department**

### **English 9 (Required)**

English 9 builds literacy skills through a variety of reading, thinking, and writing activities. Students read novels, short stories, poems, and a variety of non-fiction texts. They write formal responses and reflections in relation to the readings that work to build strength and clarity on the page. Students also participate in a Writer's Workshop short story writing unit where they creatively generate ideas and work to turn them into dimensional pieces of writing. All of the skills will be taught using the core competencies (communication, critical thinking, personal and social awareness) to deepen learning. Students will have a chance to reflect on these competencies throughout the course.

### **Literary Studies/Composition 10 (formerly English 10) (Required)**

Literary Studies/Composition 10 continues to build the skills and understandings from English 9 and prepares students to transition to senior English courses. Students read novels, short stories, poems and non-fiction pieces. They work to build the thinking and interpretive skills that English 9 introduced as they move towards the more complex ideas and questions they will experience in senior courses. They continue to build their formal writing skills, their reflective thinking, their writing powers, and their creativity during a Writer's Workshop short story experience.

### **English First Peoples 11 (previously English 11) (Required)**

English First Peoples 11 focuses on deepening understanding of Indigenous issues and perspectives through the exploration of Authentic Indigenous texts. Students will explore texts in a variety of forms and genres, including novels, poems, films and essays, and will be encouraged to think critically, creatively and reflectively about ideas within and between those texts. Students will continue to develop deeper skills in formal, reflective and narrative writing, including improved clarity in their writing, organization of ideas, and precision with vocabulary, to prepare for English Studies 12

### **English Studies 12 (Required)**

English Studies 12 focuses on continued improvement of reading, writing and thinking skills. Students will explore texts in a variety of forms and genres, including novels, poems, films and essays, and will be encouraged to think critically, creatively and reflectively about ideas within and between those texts. Students will develop deeper skills in formal, reflective and narrative writing, including improved clarity in their writing, organization of ideas, and precision with vocabulary.

## **Electives, English Department**

### **Community of Writers 9-12**

Community of Writers 9-12 is a 4 credit electives course that immerses students in the writing process for an extended period. They participate in some part of the story writing process every day, from generating ideas to working on rough drafts to editing (both peer and teacher) to publishing. Early in the rotation students focus on more concrete story elements (character, plot, environment) but as learning progresses, they move into more complex elements (relationship, tone, world-building). There is no 'pre-requisite' set of skills – students do not have to arrive as 'great' writers, everyone is on their own learning path and grade 9s can learn and succeed just as powerfully as grade 12s. But students do need to like (maybe love) the process of writing as that's what they do, constantly.

### **Literary Studies 12 (previously English Literature 12) (Elective)**

Literary Studies 12 is a 4-credit **elective** English course that counts towards the graduation portfolio, and which is recognized by most colleges and universities. It is **not mandatory**. (Note: The mandatory course is **English Studies 12**). Literary Studies 12 allows students to delve more deeply into literature through increasingly complex texts. Students can explore specific themes, periods, authors, or areas of the world and have the choice of a range of literary topics including genre-specific studies (poetry, short stories, novels, drama, graphic novels, children's literature,) Canadian literature, First Peoples texts, and canonical literature by era—Middle Ages, Renaissance, Restoration, Romantic, Victorian, 20th century.

## Science

### **Science 9 (Required)**

Building on laboratory skills and the methods of scientific inquiry introduced in Grade 8, students discover some of the more basic principles of Physics, Chemistry and Biology. The chemistry unit studies atoms, elements and compounds. The Biology unit examines the structure of cells and reproduction. In physics, students will investigate the characteristics of electricity, and space exploration.

### **Sciences 9 - French Immersion and Programme Francophone (Required)**

This is a compulsory course taken by French Immersion and Program Francophone students with the identical curriculum to Science 9 and taught in French.

### **Applied Sciences 9 & 10 (Elective)**

This course combines astronomy, robotics, and probability of games. Students will build rockets, explore black holes, make VEX robots do cool things, and learn how math can make you better at games! This is a fun elective for Math, Science, and engineering enthusiasts. This course is only intended to be taken once, so if you have already taken it in grade 9, it is not intended for you to take again in grade 10.

### **Science 10 (Required)**

Do you have a curious mind? Think about these things:

- What makes things explode?
- Why are my eyes blue but my parents both have brown eyes?
- How fast is a roller coaster going at the bottom of the loop?
- How did the universe begin?

Science 10 introduces main topics from Chemistry, Biology, Physics and Astronomy. This will form the basis for further studies in future grades and provide students with knowledge to find areas of interest. This course has four main units of study: DNA, Genetics and Natural Selection; Chemical Reactions; Law of Conservation of Energy; The Universe. Besides being an exciting adventure of the mind, this is a required core course for graduating from high school.

### **Sciences 10 - French Immersion & Programme Francophone (Required)**

This is a compulsory course taken by French Immersion and Program Francophone students with the identical curriculum to Science 10 and taught in French.

### **Earth Science 11 (Science requirement or an elective)**

An exploration of the major cycles that affect every aspect of life including: weather, climate and air movement, plate tectonics, volcanic eruptions, rocks and minerals, the earth's environment, sustainability, energy resources, and survival of living things. Hands on labs, research and field studies allow a closer look at scientific issues that affect all of us. Earth Sciences 11 is a course designed for students who are excited by the workings of the natural world around them.

 Science is a way of thinking much more than it is a body of knowledge.

Carl Sagan

### **Robotics 10-12 (Applied Skill Elective)**

This course is designed for students who enjoyed Introductory Robotics and who would like to take their robotics skills to the next level in a room of like-minded robot jockeys. Students will be adding sensor usage and autonomous robotic programming to their set of Robotics competencies. Students will also be challenged with more complex design requirements and with higher expectations for the quality of their basic construction. This is a project based course that requires students to work in a team to tackle design challenges in a positive, constructive and timely fashion. Applied Sciences 9 & 10 is recommended before taking this course.

### **Life Sciences 11 (Science requirement or an elective)**

This is a course designed to introduce students to the history and diversity of life on earth. Areas of study include cells, DNA, taxonomy, evolution, microbiology (bacteria, viruses, protists), fungi, plants, and animals. Laboratory work, including microscopy, bacterial cultures, and dissection are a key part of this course. Students will also complete an inquiry project linked to the curricular competencies and content of this course.

### **Chemistry 11 (Science requirement or an elective)**

This course reviews and develops a number of topics from Science 8, 9, and 10, including the classification of matter, the periodic table, atomic structure, chemical bonding, chemical formulas and basic chemical reactions. In addition, more quantitative concepts including the mole, stoichiometry and concentration of solutions are introduced, leading into various techniques of analytical chemistry. A short introduction to organic chemistry completes the course. Students will be expected to perform a number of laboratory experiments and solve various types of problems.

### **Physics 11 (Science requirement or an elective)**

How fast does light travel? Why does the siren of an ambulance change pitch as it passes you? How many horsepower can you produce? Physics 11 examines numerous laws of physics through laboratory experiments and demonstrations. Topics covered in this course include: motion of objects in one dimension, relativity, energy, and light.

### **Anatomy and Physiology 12 (Science requirement or an elective)**

Investigates the processes and structures that make up the human body and work together to maintain *homeostasis* (balance). The course will examine structures starting at the cellular level (biochemistry, cell biology), and progress to organ systems of the human body (including digestive, respiratory, cardiovascular, urinary, immune, and nervous systems). Laboratory work, experimental design and analysis, and dissections are a key part of this course. Students will also complete an inquiry project linked to the curricular competencies and content of this course. (Life Science 11 is not a prerequisite).

### **Chemistry 12 (Science requirement or an elective)**

This course is developed around the theme of chemical equilibrium. It introduces the factors affecting the rates of reactions and develops the concept of a chemical equilibrium. It then explores the nature of the equilibria involved in saturated solutions, acid-base systems and oxidation / reduction reactions. Applications of these topics in environmental problems and industrial situations are discussed.

### **Physics 12 (Science requirement or an elective)**

Why doesn't the moon fall? Or does it? How much energy passes through your body during an electrical shock? Have you ever wondered why it is harder to start your car on a cold day? These are some of the real-life applications that will be covered in Physics 12. Create a project for the U.B.C. Physics Olympics or find your weight on the loop-de-loop at the P.N.E. all within this fabulous course.

### **Carihi Forestry Program 11 & 12 (Science requirement or an elective)**

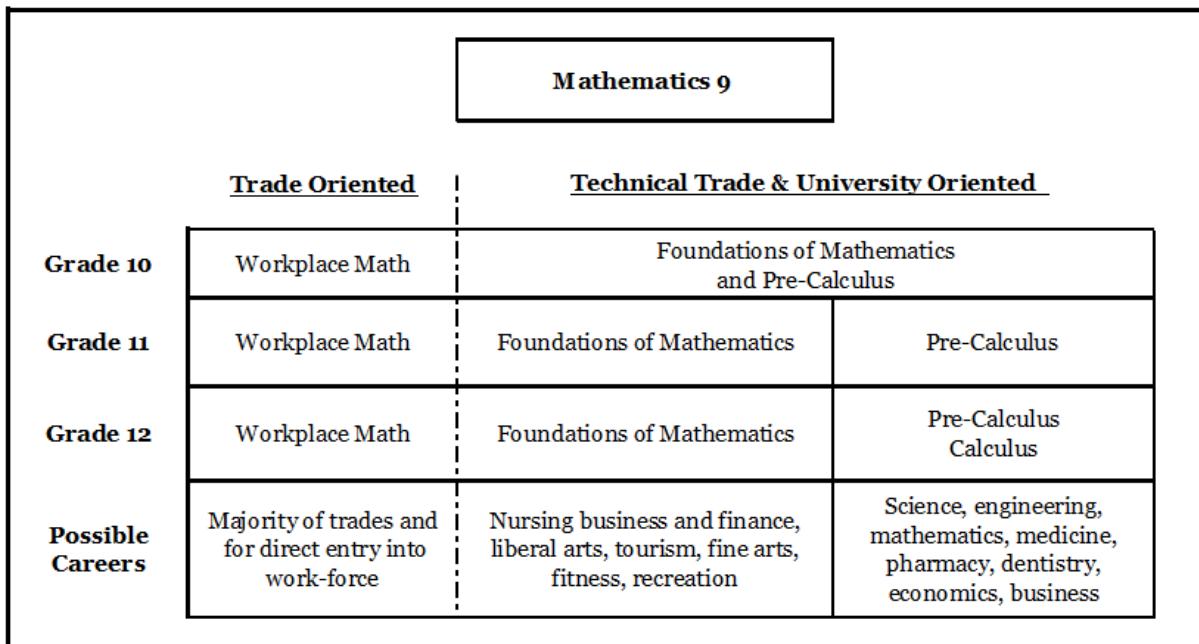
Environmental Science 11 and Specialized Science 12 are the courses offered through our Forestry Program. See page 31 for a complete write up. Both courses fill the grad requirement for an 11 or 12 science.

### **Fly Fishing 10—12 (Gr. 11/12 Science requirement or an elective)**

Science for Citizens 11 and Specialized Science 12 are the courses offered through the Fly Fishing Program. See page 31 for a complete write up. Both courses fill the grad requirement for an 11 or 12 Science. This is not a credit for Science 10

## **Mathematics**

*The following diagram shows the different paths of mathematics you can choose from, depending on your future plans. Please consult with your school counsellor and current mathematics teacher to see which course is best suited for you. It is important to note that there are opportunities to switch paths if a student's program goal changes.*



### **Mathematics 9 (Required)**

This course was designed to provide students with opportunities to develop a broad range of mathematical understandings, attitudes, knowledge and critical thinking skills necessary for everyday life, future course work, and possible careers. Topics include: rational numbers, exponents, polynomials, linear relations, solving linear equations, proportional reasoning, statistics, and financial literacy. After successful completion of Mathematics 9, students will choose one or both of Workplace Math 10 or Foundations of Mathematics and Pre-Calculus 10.

### **Mathématiques 9 (Required)**

This is a compulsory course taken by French Immersion and Program Francophone students with the identical curriculum to Mathematics 9 and taught in French.

### **Workplace Mathematics 10 (Required or Foundations & Pre-Calculus 10)**

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include: Unit Pricing and Currency Exchange, Earning an Income, Length, Area and Volume; Mass and Temperature, Statistics and Probability, Similarity of Figures; and Trigonometry of Right Triangles. Successful completion of Workplace Math 10 leads to Workplace Math 11.

### **Foundations & Pre-Calculus Mathematics 10 (Required or Workplace Mathematics 10)**

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for post-secondary studies. The grade 10 year will set a basis for deciding whether to pursue exclusively the theoretical Pre-Calculus pathway or the more applied Foundations pathway. Some students who are thinking of entering mathematical fields (Mathematics, Computer Studies, Engineering, etc.) may choose both pathways in grade 11. Topics include: Factoring, Powers, Relations, Linear Functions, Arithmetic Sequences, Systems of Linear Equations, Polynomials, Trigonometry and Financial Literacy.

### **Workplace Mathematics 11 (Required or Foundations of Math 11 or Pre-Calculus 11)**

Thinking of the trades or direct entry into the workplace after high school? This is the mathematics pathway for you. Workplace Math 11 is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include working with formulas, financial math (budgets, simple interest, compound interest), rates of change, interpreting graphs, probability and statistics, and representation of 2 and 3-dimensional objects. This course meets the mathematical requirements for graduation and is accepted for entrance into many post-secondary trades programs.

### **Foundations of Mathematics 11 (Required or Pre-Calculus 11 or Workplace Math 11)**

Want to keep your post-secondary options open but not headed toward Mathematics, Sciences or Engineering? Taking Pre-calculus 11 but like mathematics and want to have a better overall understanding of all mathematical fields? This is your best choice. Foundations 11 is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into post-secondary programs such as Arts or Humanities that do not require the study of theoretical calculus but will require the study of logic or statistics. Topics will include statistics, logic and reasoning, trigonometry, angle relationships, quadratic functions, systems of equations, financial literacy and linear inequalities.

### **Pre-Calculus 11 (Required or Foundations of Math 11 or Workplace Math 11)**

Is math one of your strengths? Thinking of university? This course is for you! Pre-calculus 11 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. Topics will include powers, radical operations and equations, quadratic functions and equations, linear and quadratic inequalities, rational expressions and equations, trigonometry, and financial literacy. This course is the prerequisite course for Pre-calculus 12 which is a requirement to enter university programs such as Sciences, Engineering, Mathematics and Business. Successful completion of Pre-calculus 11 is accepted for entrance into university in the Arts and Humanities as well as many college and trades programs.

### **Foundations of Mathematics 12 (Elective)**

A continuation of the pathway created for those students entering post-secondary programs that do not require the study of theoretical calculus. This academic Mathematics course includes such topics as Functions, Advanced Counting Methods, Advanced Probability, along with Finance Debts and Investments.

### **Pre-Calculus 12 (Elective)**

Thinking of Sciences, Engineering, or Business at University? Pre-Calculus 12, like Pre-Calculus 11, is designed to provide students with mathematical understanding and critical thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. This course includes the following topics: transformations; exponential and logarithmic functions and equations; polynomial functions, expressions, and equations; rational functions; absolute value and reciprocal functions; trigonometric functions, equations, and identities; unit circle; conics; along with geometric sequences and series.

### **Calculus 12 (Elective)**

This is the course Pre-Calculus courses were preparing you for! You will be introduced to the foundational ideas that lead to Calculus and the basic tools used when doing Calculus. Limits, Differentiation, Integration, and Related Rates are among some of the specific topics that will be covered here. Calculus 12 at Carihi covers roughly two thirds of the content you cover in your first year of post-secondary education!

*Mathematics requirements for post-secondary programs are constantly changing. If you know the program and institution you are interested in, make sure to research the requirements by going to the institution site directly; check the requirements on: <http://educationplannerbc.ca> or visit a school counsellor.*

## **Social Studies**

### **Social Studies 9 (Required)**

This course covers various historical and philosophical events in Europe that had a direct impact on the way European North America developed. The three revolutions are discussed and geography, including mapping, is studied. Students will examine what existed in North America before the European invasion and the early results of the European arrival. This course ends with the War of 1812. Current events and a First Nations component will also be included.

### **Social Studies 10 (Required)**

Canada used to be a company called the Hudson Bay Company - What happened? This course involves the study of a variety of historical and environmental topics to help students develop critical thinking skills. Content includes events in Canadian history from Confederation to the 20th Century, including a study of British Columbia, plus little known facts to impress your friends. The Father of Oregon was a Canadian, but the founder of Vancouver was an American.

### **Explorations of Social Studies 11 (Fulfils Social Studies 11 or 12 Requirement)**

Using an inquiry approach students will have the opportunity to develop creative and critical thinking skills. This course has the opportunity to investigate three or more topics chosen from a variety of themes that include (History, Geography, Current Events, Political Studies, Urban Studies, Contemporary Indigenous Studies and Law). This course will challenge your thinking and your communication skills and connect you to important relevant topics from the past and present.

### **Histoire du Monde au XXe Siècle 12 French Immersion and Programme Francophone (Social Studies 11 & 12 Requirement)**

This course covers the same curriculum as 20th Century World History (please see course description below) but is taught in the French language. It is a compulsory course for French Immersion and Programme Francophone students. Current events and communication skills are also a large component of this course.

### **Comparative Cultures 12 (Social Studies 11 or 12 requirement)**

Through knowing ourselves we can know others. In this course, students will be comparing interactions between belief systems and social organizations. This course helps provide insight and understanding of diverse global cultures and peoples, influencing artistic expressions of cultures. Value and religious belief systems help shape various aspects of human societies, power structures and authority within a culture. Different religions, spiritual and philosophical traditions shape the individual's development of personal insight and the larger sense of self.

### **20th Century World History 12 (Social Studies 11 or 12 requirement)**

If you enjoy discussions, writing, thinking critically, debating, and history, this is the course for you! While engaging in the listed activities, you will become proficient in the understanding of the forces that shaped the 20th Century. The course examines independence and human rights movements, revolutions and migrations. The emphasis will be on major events between 1914 and present in Russia, China, India, the Middle East, South Africa, and the United States to name a few. World War I, World War II, and the Cold War are additional focus points to make this an enjoyable and rewarding course.

### **Social Justice 12 (Fulfils Social Studies 11 or 12 Requirement)**

Social Justice is the study of fair and equal treatment in society. This course will investigate how various social justice issues impact individuals and groups both locally and internationally. We will analyze the core foundations of identity, privilege and oppression, then apply those concepts to various topics such as racism, gender, LGBTQ, and poverty to name a few. We will foster skills to support and encourage personal involvement in movements and organizations that promote equal and fair treatment of all people.

### **Contemporary Indigenous Studies 12 (Social Studies 11 or 12 requirement)**

Contemporary Indigenous Studies 12 brings the historical context of colonialism and the resistance and resilience of Indigenous Peoples into the here and now. Students will look at historical texts, investigate current issues, celebrate culture and ingenuity, work with community members and spend time on the land to build cultural understanding and appreciation.

### **Physical Geography 12 (Fulfills Social Studies 11 or 12 Requirement)**

Physical Geography 12 explores the natural physical environment and the complex relationships that exist between humans and nature. Students will learn about plate tectonics, natural disasters, forces that build up and wear down the land, weather and climate, and biomes. This knowledge will be used to build an understanding of how humans interact with our environment, including sustainability, resource management, and environmental issues. This course also provides opportunities for field studies, development of mapping skills, and the use of digital Geographic Information Systems.

### **Law Studies 12 (Fulfills Social Studies 11 or 12 Requirement)**

From school, to work, to home, our laws influence many aspects of our daily lives. With this course students will understand their own legal rights and responsibilities, allowing them to become active and informed citizens. Laws can remain the same from year to year or students will find they change as society's values and world views change. These laws at the municipal, provincial, and federal level are interpreted and these interpretations also evolve over time. Learn about the law and how it affects you.

### **Political Studies 12 (Fulfills Social Studies 11 or 12 Requirement)**

Understanding how political decisions are made is critical for being an informed and engaged citizen. Democracy, government, social and political decisions are shaped by unequal distribution of power and wealth. Economic systems have underlying and often opposing ethical standards and implications that require compromise between countries with wide ranging values and priorities.

### **BC First Peoples 12 (Fulfills Social Studies 11 or Grade 12 Requirement)**

BC First Peoples 12 is the perfect course to help you understand modern BC. Consider this: First Nations are the youngest and fastest growing group of people in Canada in the 21<sup>st</sup> Century! They are currently in a major phase of cultural reawakening and reinvigoration. They are pushing the boundaries of Canada legally and helping to redefine deeply important Canadian industries including land use, resource management, tourism and more. This is the time to get to understand the incredible, diverse set of Nations that share this part of the continent with Canada. This course will cover a lot of law and history to help you understand key modern issues better, but it will be more than that! We hope to make it a truly memorable experience full of cultural activities. Ideally, we will do things like travelling around our region to get to know the landscape more intimately, as well as exploring music, dance, art, food and more. Please join us on this mission to deepen and enrich our understanding of the place we live.

### **Home Economics/Culinary Arts**

#### **Culinary Arts 9 to 12 (Applied Skill Elective)**

Learn how to cook in a professional commercial kitchen. As a team we produce food for the school cafeteria, you will circulate through 6 different sections and have a chance to make a variety of dishes including soup, salad, sandwich, short order, and bakery. Develop hands-on skills you can put on your resume to help get a job. Learn how to grow food and make delicious, nutritious meals from the harvest. You will gain practical valuable skills to feed yourself for the rest of your life. If you are interested in pursuing a career as a chef you can connect to the TRNN (p. 37) program and get a head start on your training.

#### **Baking 10-12 (Applied Skill elective)**

How can the exact same ingredients, and exactly the same recipe make such different bakery items? The answer to this puzzle is quite simple. GOOD BAKERS, especially home bakers, ARE MADE NOT BORN!! This course concentrates on flour mixtures and the different methods used in preparing them and includes such things as sweet and savory yeast breads, muffins, cakes, cookies, batters and doughs. Note: There is a commercial aspect to this course, as much of the product will be used for catering services.

### **Foods 9/10 (Applied Skill elective)**

Launch yourself into the wonderful world of food. Enjoy planning, preparing and eating a number of diverse foods and preparing meals using various cooking skills and techniques. This course is divided into various units including appetizers, pastry, artisan breads, ethnic foods, holiday projects, sweets, and savories, etc. Also included is topics on growing, harvesting, processing, packaging, transporting, marketing, consumption and disposal of food.

### **Foods 11/12 (applied Skill elective)**

Are you becoming a foodie? This course may be just right for you. Building on skills developed in Foods 9/10 this course extends foods into more complex recipes and skills. It also extends the theory of food to include topics such as legislation, regulation, and safety that impacts food and food production.

### **Textiles 9/10 (Applied Skill elective)**

Are you interested in fashion and design? This course will introduce you to the basics of hand and machine construction for producing, repairing, altering, and upcycling items. You will also be introduced to concepts of harvesting raw materials, sustainable growth and production, dying and processing of textiles.

### **Textiles 11/12 (Applied Skill elective)**

Want to take your creativity to a higher level. This course is about fashion and design. It builds on skills developed in Textiles 9/10 and provides students with advanced instruction in combining patterns, drafting fast patterns, draping, reconstruction, and replicating. This course also explores concepts such as labelling, advertising, flammability regulations, hazardous materials, body image, and ethical consumerism.

## **Video Production**

### **Video Production 9-12 (Elective)**

Video Production is for students who have an interest in learning to produce media. For students without previous experience, we will provide learning experiences that explore the essential elements of video production. Students discover the essence of story and work to express ideas in the visual medium and explore a variety of roles in working with others to produce collective short video projects. Students with previous experience in videography, produce documentaries, short narratives, and promotional videos for entry in the BC Student Film Festival.

## **Studio Tyee**

Studio Tyee offers a selection of information and communications technology opportunities to showcase creative skills and thinking. Within Digital Media, there are many ways to develop new skills while at the same time building on skills you already have. There is a lot in Digital Media to explore with the opportunity to earn credits in other courses.

### **Digital Media 9-12 (Applied Skills Elective)**

Digital media is a course with many choices. You can learn any (or all) of the following: digital art, programming, photography, music recording and composition, 3D modeling and animation, photo manipulation, website design, pixel art and game development. You explore the area of computers that interest you! While becoming more familiar with the computers and software in the lab, you can 3D print, paint in VR, explore artificial intelligence, learn how to navigate the internet and social media effectively, and even upload your own song to SoundCloud. There are opportunities to get credit for Web Development 10, Computer Programming 11/12, Game Design 10/11/12, Modelling and Animation 10/11/12.

### **Digital Photography 10-12 Applied Skills Elective)**

Learn the rules of photo composition, how to use the settings on a DSLR camera, and how to work with lighting and other photography equipment, to take intriguing, artistic, creative photos. Find the beauty in small details, capture fleeting moments, and tell a story with your images. While you're at it, why not combine your camera skills with photo manipulation and turn yourself into a zombie?

### **Digital Art and Design 10-12 (Applied Skills Elective)**

Develop your creativity, skills and style, and apply the elements of art and design to create powerful images and tell stories with your digital art. Learn how to use a suite of free and open source software through both guided and self-directed projects, including Krita for digital painting, drawing, and 2D animation, and Inkscape for illustration and graphic design. Get comfortable using a WACOM drawing tablet that is sensitive to the pressure, speed, and tilt of your hand. Draw with a digital pencil, pen, pastel, watercolors, oil paints, or almost any other brush you could imagine. If you're interested in applying to post-secondary art programs, you can build your portfolio of digital creations in this course.

### **Computer Modelling and Animation 10/11/12 (Applied Skills Elective)**

Create 3D models, then bring them to life by animating them, or print them on the 3D printer! Learn the principles of box modelling, mesh modelling, rigging, animating, UV mapping and texturing, lighting and rendering. This course uses Blender, a 3D computer graphics program used for creating animated films, visual effects, art, digital sculpting, 3D printed models, and interactive 3D applications.

### **Game Design 10/11/12 (Applied Skills Elective)**

Create graphically intense 3D levels or a simple 2D platformer using the Godot Game Engine. Learn about level design, asset creation and scripting so you can create all your favourite kinds of games, including mobile, puzzle, 2D, 3D, FPS, RPG and more!

### **Web Development 10 and Computer Programming 11/12 (Applied Skills Elective)**

In Web Development, create your own web pages from scratch with HTML, CSS, and Javascript. In computer programming, you'll learn the basic structures of all computer programs: variables, conditionals, loops, lists, methods, and objects, while creating simple programs and solving coding challenges. Intermediate topics include virtual environments, object oriented programming, APIs, list comprehension, regular expressions, magic methods, threading, and Django. Advanced programmers will embark on larger projects that suit their passion.



## **Physical Health and Education Pathways**

Physical and Health Education (PHE) is designed to develop educated citizens who have the knowledge, skills, and understandings they need to be safe, active, and healthy citizens throughout their lives. PHE curriculum focuses on competencies that support life-long learning—competencies that can contribute to personal lives and career aspirations. PHE emerges from two areas of learning, physical education, and health education, that are brought together in order to promote and develop all aspects of well-being. Carihi Secondary values diversity. We believe it is important for students to begin their learning journey from where they are and to strive for their personal best. In PHE this requires many different pathways to serve a diverse group of students of differing ability levels and needs.



### **Ignite Athletic Development 10-12 (PE Elective)**

This program introduces athletes to a high-performance lifestyle improving their athleticism, physical literacy and fitness through a multi-sport training program which is complimentary to the needs of their current sport. We introduce key body weight and strength training exercises that form the core of many resistance training programs. Athletes will be introduced to key Olympic lifts such as the Clean and Jerk and the Snatch. There will be a fee associated with this course, and it runs outside the timetable: 2 mornings and 1 afternoon per week. Contact your school counsellor for further information. Ignite does not satisfy the requirements for PE-10.

### **Sports Leadership Program 9-12 (Applied Skill Elective)**

Our Sports Leadership Program is one way for students of all athletic abilities to be involved in physical activities, be it a coach, an organizer, a referee, a volunteer, or a participant. This program has seen many students find a place for their passion and helped them become a part of the wider Carihi community. Our sports leadership students organize and coach school sports, assist with our feeder school teams and have been instrumental in the rebirth of the School District Track Meet. Many of our students are involved with community groups in such capacities as coaching with our Special Olympians, youth soccer and volleyball. They can also be found marshaling at the nationally acclaimed snow to surf event or a local run. The program is divided into junior and senior leadership, with growing autonomy and responsibility as students evolve through the program. Our sports leaders organize our intramural activities and the annual Sports Banquet. Students meet weekly outside the regular timetable.

### **Physical and Health Education 9/10 (PE requirement)**

This introductory course is about trying a variety of physical activities to promote a healthy active lifestyle and achieving personal goals no matter what your level of fitness is. As part of health education, students will connect a healthy lifestyle to positive mental health. Students will be introduced to a variety of strength and conditioning methods and routines. Students will learn training etiquette focusing on safety and technique. This course also includes cardio training and learning the basic skills and rules to a variety of sports and games. At Carihi there are many ways to start or continue a path to healthy and active living.

### **Strength & Conditioning 11/12 (PE elective)**

If you enjoyed Physical and Health Education 9/10 this is the course for you! This course offers an advanced version with a focus on strengthening and conditioning. Students will continue to improve their fitness, but at a higher level. You will be learning more training methods focused and specifically developed for your own needs and athletic goals. At the end of this course students will be able to create and use a variety of different training programs. A weekly cardiovascular component will include different cardio challenges and the game time provided allows students to learn and play new sports.

### **Active Living 11/12 (PE elective)**

In this course you will explore how to find your own individual wellness regime. We will explore ways to gain greater health with the body, mind and spirit. There will be activities that include: hiking/running outdoors, gym games, strength training, nutrition and other cardio exercises. There will be learning around mental health and how to better navigate being a more resilient human. There will also be frequent yoga classes, meditation exploration and other activities that foster a better connection with yourself and what makes you feel healthy. Come to this course with an open mind and an open heart.

### **Sports: Basketball, Hockey, Volleyball, Soccer**

Our sport specific programs are for all students with an interest in any specific sport, regardless of previous experience and current skills in this sport. Our differently levelled programs, within sports specific courses, allow for students to play who are new to a sport, who just want to experience it, or who are top athletes in this specific sport with ambitions to carry-on after graduation. This variety of offerings will allow any student to develop in and enjoy a sport at their current level of ability and in doing so Carihi Secondary is able to address the diversity of our students.

#### **Basketball PE Boys or Girls 9-12 (PE Elective)**

This course is for students who love to play Basketball! It will provide a great foundation for those who aspire to take part in the Academy program in a future year. The class will help develop your fundamental techniques and tactical knowledge of the game. Game day is usually the highlight of the week! This is a great course for both beginner and intermediate level players.

#### **Basketball Academy Boys or Girls 9-12 (PE elective)**

This course is for the experienced Basketball player. This is a physically demanding course where both aerobic and anaerobic energy systems are challenged. Tactical and technical sessions will be intense and a strong level of fitness is required. Guest coaches and additional sports-related seminars will be provided. The fee for this program is \$75 - \$150, depending on enrollment.

#### **Volleyball PE Boys and Girls 9-12 (PE elective)**

This course is for students who love to play Volleyball! It will provide a great foundation for those who aspire to take part in the Academy program in a future year. The class will help develop your fundamental techniques and tactical knowledge of the game. Game day is usually the highlight of the week! This is a great course for both beginner and intermediate level players.

#### **Volleyball Academy Boys and Girls 9-12 (PE elective)**

This program is designed for experienced volleyball players looking to bring their game to the highest level. On-court Volleyball training will provide you with additional coaching from head coach Julie Young (Professional Skill Development Coach, Team Canada, Athletic Director Volleyball Canada, Assistant Coach Mount Royal University) and the individual sport specific Strength and Conditioning programs will be provided by a Carihi PE Teacher. The fee for this program is \$50 - \$100, depending on enrollment and schedule.

#### **Soccer PE Boys or Girls 9-12 (PE elective)**

This course is for students who love to play Soccer! It will provide a great foundation for those who aspire to take part in the Academy program in a future year. The class will help develop your fundamental techniques and tactical knowledge of the game. Game day is usually the highlight of the week! This is a great course for both beginner and intermediate level players.

### **Soccer Academy Boys or Girls 9-12 (PE elective)**

This course is for the experienced soccer player. This is a physically demanding course where both aerobic and anaerobic energy systems are challenged. Tactical and technical sessions will be intense and a strong level of fitness is required. Guest coaches and additional sports related seminars will be provided. The fee for this program is \$150 - \$300, depending on enrollment.

### **Hockey Academy 9-12 (PE elective)**

This Academy is open to players who have experience playing hockey. This is a physically demanding course where both aerobic and anaerobic energy systems are challenged. Tactical and technical sessions will be intense, and a strong level of fitness is required. The Campbell River Storm coaches run each ice session. Students will be on the ice 4 days a week, with one day at the school to complete PE related curriculum, including health, fitness, nutrition, and mental health. There is an application process for this course, so if you are interested, sign up through your course selections. There is a fee of approximately \$750 attached to this course to cover ice time, coaches, jerseys, and transportation costs.

### **Aquatic Lifesaving PE 9-12 (PE elective):**

This is a pool-based lifesaving education program that will allow students to develop the essential skills to become successful and confident future lifeguards. Students will work towards obtaining all three certification prerequisites (Standard First Aid/CPR, Bronze Medallion, Bronze Cross) necessary to enroll in the National Lifeguard Course, which students can then take independently when they are aged 15+. This course is being offered in partnership with Strathcona Gardens Recreation Centre. There will be a fee associated with this program to cover bussing, pool/instructor time, course materials, and/or certification fees (\$200-\$450, dependant on grant funding). \* Students must be aged 13+ by December 2025 AND be able to swim a minimum of 100m (4 lengths) continuously to enroll in the course.

### **Aquatic Instructor PE 9-12 (PE elective):**

This is a pool-based course that aims to prepare students for leadership roles in aquatic environments by training as future instructors of swimming lessons and lifesaving courses. Students will develop their own swimming skills and fitness, their knowledge about water safety, and learn how to effectively teach others how to become comfortable and safe in the water. Students will work towards certification in two Lifesaving Society courses that are required to teach swimming lessons: (1) Swim for Life Instructor, and (2) Lifesaving Instructor/Examiner. This course is being offered in partnership with Strathcona Gardens Recreation Centre. There will be a fee associated with this program to cover bussing, pool/instructor time, course materials, and/or certification fees (\$200-\$650, dependant on grant funding). \*Students must have successfully completed Bronze Cross certification AND be aged 15+ by June 2026 to enroll in the course.

## **Outdoor Experiences**

### **Outdoor Recreation 9-10 (Elective)**

Carihi's Outdoor Recreation Program is a combination of Outdoor Education and Recreation PE. The course will include numerous activities in the community, and students will be included in the choices and planning for each activity. Activities may include, but are not limited to: rock climbing, skating, disk golf, bowling, the outdoor education portion will teach students the skills to complete a multiple night trek, and will work towards a year end (3 day) field trip to Cape Scott. There may be extra costs and/or fundraising associated with this class, and we will be travelling off school grounds regularly. This course does not fulfill the grad P.E. requirement.

## **Arts Education**

***A sketchbook is required for all fine-arts courses at Carihi***

### **Art Studio 9-12 (Elective)**

This art class is an elective open to everyone with an emphasis on the elements of art and how to thoughtfully apply and recognize them in the visual world around us. The application of various materials and art mediums is explored, while continuously engaging in creative opportunities. The curriculum is structured around supporting artistic habits of mind and encourages students to explore with artistic curiosity, create, reflect and communicate about their artwork, while connecting with themselves, a variety of artists, artworks and the world around them. A goal for individual growth and expanding artistic capacity through continuous work, and perseverance is essential for success in art studio.

### **Studio Arts 3D 10-12 (Elective)**

This 3D focused art class is an elective open to grade 10, 11, 12 students with emphasis on art beyond flat surfaces, shape and form; including sculpture and ceramics. The elements of art are thoughtfully applied and recognized in continuously creating functional and sculptural projects over the quarter. Students will transform various materials into 3D art, including clay, wire, paper and other art mediums, while continuously engaging in creative expression opportunities. The curriculum is structured around supporting artistic habits of mind and encourages students to explore with artistic curiosity, create, reflect and communicate about their artwork, while connecting with themselves, a variety of artists, artworks and the world around them. A goal for individual growth and expanding artistic capacity through continuous work, and perseverance is essential for success in 3D art studio.

### **Graphic Arts 11 & 12**

This intermediate art class is an elective open to grade 11, 12 students with emphasis on refining individual art skills, creating a portfolio of individual work, applying art in a career setting and independent art studies. The elements of art are applied and expressed in a continuous creative inquiry format and supported by focused projects over the quarter. The application of various materials, both 2D and 3D focused are applied, while continuously engaging in creative expression. Opportunities for art connection in our community, graphic arts, art as a career and engagement with local working artists are supported. The curriculum is structured around highlighting artistic habits of mind and encourages students to explore with artistic curiosity, create, reflect and communicate about their artwork, while connecting with themselves, a variety of artists, artworks and the world around them. A goal for individual growth, continuous work, and building a portfolio to support artistic endeavors beyond Carihi are a goal for the course.



## **Dance**

### **Dance 9/10**

Experience the joy of dance in a supportive and inclusive environment! Our Grade 9/10 Dance Class welcomes everyone, from beginners to experienced dancers. You'll learn different styles, express culture and values, and grow your creativity. Together we'll build perseverance and resilience! Get ready to express yourself, build confidence, and make new friends in dance 9/10.

### **Dance 11/12**

Elevate your dance skills and creativity in our Grade 11/12 Dance Class. Explore how dance helps you understand your identity and connect with others through movement. You'll have the chance to explore a variety of dance styles based on what you and your classmates want to learn. Develop your technique, express yourself, and collaborate with peers in a supportive environment. Get ready to take your passion for dance to the next level.

### **Dance Company**

Are you passionate about dance and ready to take your skills to the next level? Dance Company is an audition-based course designed for dedicated dancers who want to focus on performance and artistry. Running outside the regular timetable, you'll work on advanced techniques, choreography, and stage presence across various styles. Collaborate with like-minded peers, participate in exciting performances, and showcase your talent in front of an audience.



## Languages

### Français Langue 9 Immersion & Francophone (Requirement for French Immersion and Francophone Students)

This course is for students in French Immersion. Through their study of language and communication conventions, students explore the relationship between language and culture. Students will be exposed to a variety of media: reading novels, poetry, short stories, and nonfiction; listening to songs, speeches, and plays; viewing plays, movies, and the internet; and writing paragraphs, essays, and focused responses.

### Français Langue 10 Immersion & Francophone (Requirement for French Immersion and Francophone Students)

Perfectionnement de l'expression et présentation de toute communication écrite, orale ou visuelle en Français (débats, discussion, textes descriptifs, romans). Étude de la chanson française.

### Core French 9/10 (Elective)

**Bienvenue!** This course is designed for beginner French learners. Build your French skills through games, conversations, music, videos, storytelling, and simple reading and writing activities. You'll learn basic grammar, verbs, and everyday vocabulary in a low-stress, supportive environment. We'll explore French and Francophone culture through songs, food, art, and real-life situations. You'll be surprised at how quickly you can start communicating in French! |

### Core French 11/12 (Elective)

Bienvenue! This course strengthens your French through conversation, creative projects, and real-world language use. You'll develop stronger grammar skills, expand your vocabulary, and communicate more independently. We'll explore French and Francophone culture through films, music, articles, and stories, and connect the language to real-life situations, travel, and future opportunities. It is suggested that students have some French language background before taking this course.

### Français Langue 11 Immersion & Francophone (Requirement for French Immersion and Francophone Students)

Contenu: Perfectionnement de l'expression et présentation de toute communication écrite, orale ou visuelle en Français (débats, discussions, textes descriptifs), étude d'oeuvres dramatiques et cinématographiques de la francophonie canadienne et mondiale, étude de la chanson française.

### Français Langue 12 Immersion & Francophone (Requirement for French Immersion and Francophone Students)

Contenu: Perfectionnement de l'expression et présentation de toute communication écrite, orale ou visuelle en français (débats, discussions, textes argumentatifs et narratifs), étude d'oeuvres d'auteurs, contemporains et classiques de la littérature francophone canadienne et mondiale. Préparation pour l'épreuve orale du Ministère

### Spanish 9/ Spanish Level 1 (Elective)

This Spanish course is open to any student who has not yet participated in a Spanish class. The course is based on Comprehensive Input. Students will acquire a second language using stories, songs, film, articles, art, legends, and history. Students will read in Spanish, listen in Spanish, write in Spanish, and respond in Spanish. Proficiency is the goal and interactions are centered on what each student needs, knows, and can do now and what each student needs to move forward. Attendance and participation are imperative. First you must be present and then you learn by doing.

### Spanish Level 2 (Elective)

This Spanish course is open to students who have already taken one Spanish class. The course is based on Comprehensive Input. Students will continue to build on what they have already acquired in the target language using stories, songs, film, articles, art, legends, and history. Students will read in Spanish, listen in Spanish, write in Spanish, and respond in Spanish at an intermediate level. Proficiency is the goal and interactions are centered on what each student needs, knows, and can do now and what each student needs to move forward. Attendance is imperative as is participation. First you must be present and then you learn by doing.

### **Spanish Level 3 (Elective)**

This Spanish course for students who have successfully completed Spanish Level 1 and 2 classes. The course is based on Comprehensive Input. Students will continue to build on what they have already acquired in the target language using stories, songs, film, articles, art, legends, and history. Students will read in Spanish, listen in Spanish, write in Spanish, and respond in Spanish at a more advanced level. Proficiency is the goal and interactions are centered on what each student needs, knows, and can do now and what each student needs to move forward. Attendance is imperative as is participation. First you must be present and then you learn by doing.

### **Performing Arts**

#### **Acting 10-12 (Elective)**

This is a course designed to allow actors to develop autonomy in their acting process through performance. They will develop skills in voice, movement, script analysis, scene work and character, and will be continually engaged in rehearsal or performance of a variety of shows, for a variety of audiences. Significant emphasis will be placed on the student's level of commitment in the class productions.

#### **Musical Theatre 9-12 (Elective)**

Musical theatre is an introduction to rehearsing and performing in the Broadway musical style. Students will learn singing, dancing and acting skills, while working through the chosen musical, which will be performed to the public in the Spring. Students rehearse after school, so flexible after school schedules are appreciated. No experience is necessary, just a willingness to work hard as part of a cast, and to be committed to the rehearsal process. There will be an audition to determine roles in the show, which includes lessons on how to audition. Information about auditions will be provided at the first meeting. If you have questions, please contact Mrs. Knight.

If your only interest is technical and backstage work consider signing up for **Theatre Production**. (See below)

#### **Theatre Production 9-12 (Elective)**

Theatre Production is part of the Musical Theatre program and supports the Spring production. Students in this course learn the basics of lighting and sound, costuming, prop building and set building and painting. They will also be part of the backstage crew during the spring musical, moving sets, helping with costume changes, organizing props and maintaining the theatre. It is a fun way to be involved in the musical with a smaller time commitment. If you have questions, contact Mrs. Knight.



### **Jazz Band 10-12 (Elective)**

Jazz has royalty! Duke Ellington, Count Basie, even the Queen of Soul. Here's your chance to get to know them better. Jazz band is a continuation of the jazz band programs offered in school district 72. Students will continue to develop their performance and improvisational skills in the jazz idiom. This band performs regularly at special events such as holiday and year end concerts, The All City Jazz Band coffee house, and local music festivals. Each year the band also travels to various locations to perform, have master classes with university and professional musicians, as well as take in some tourist attractions! In past years the band has traveled to Vancouver and Seattle. The Carihi jazz band meets twice a week on Tuesdays and Thursdays before school at 7:30 AM for rehearsals. Preference is that students who take this course are also in Concert Band.

### **Music Production & Recording 11-12 (Elective)**

For the music lover. Music Production and Recording has a space for you to create the music you love. You will learn how to write songs and use the Digital Audio Workstation Studio One where you can sing, use samples, record guitar or play the keyboard. As a part of a team, you can also mix and record the live shows in the MPR. Take a listen to the variety of songs on the Studio Tyee artist page on SoundCloud for some recent examples of music produced in this class. No songwriting experience is necessary.

### **Guitar 9-12 (Elective)**

Guitar 9/10/11/12 are courses designed to give budding guitarists a chance to take his or her playing skills to the next level. Beginners and not so beginners are welcome: all that is needed is dedication and a desire to become better at playing music on the guitar. From chords to Arpeggios, scales to improvisation, students will practice and work at becoming better musicians.

### **Band 9 (Elective)**

Grade 9 band is a continuation of middle school band in school district 72 and serves to transition and prepare you to join the senior concert and jazz bands. The grade 9 band class performs music from a wide variety of styles and cultures, including jazz band music. We focus on individual technique, musicianship, and learn to transcribe music. When you hear somebody talk, can you write down what they say? Wouldn't it be cool if you could do the same thing when you hear somebody play music? That's transcribing! Upon completing this course, you will be ready to join the senior concert band and attend all the festivals, concerts, and trips these bands travel to!

### **Choir 9-12 (Elective)**

Do you love to sing? Want to improve your skills? Carihi Choir is a community of singers who enjoy making music together. Choir students will learn vocal technique, musicianship skills, musical styles and performance skills. Carihi Choir will perform at concerts and festivals and therefore attendance will be a key component of this course. Students at all grade levels are welcome to join Carihi Choir. The only requirement is a desire to sing!

## **Technical Education**

### **Shop Tech 9 & 10 (Applied Skills Elective)**

This course is intended to allow students to gain exposure to the Woodwork and Metal Shops at Carihi. If you are a hands on learner, this is the place for you. During this time you will be exposed to design and drafting as they serve as the path that all projects follow even in the simplest of forms. By the time the course has concluded you will have learned how to operate numerous tools in a manner that permits the highest level of safety: Safety in Carihi's shops is the number one priority! This course is perfect for students that have little to no experience in the shops at Carihi.

### **Power Mechanics 10 (Applied Skills Elective)**

This course serves as an introduction to the operation / theory of 4 Stroke Engines and is the first step at Carihi under the realm of Mechanics. You will look in depth into the theory and operation of engines, utilizing small utility engines (all engines are based off the same principles). This course is a great start to furthering your education in Carihi's shops.

### **Drafting & Design 10-12 (Applied Skill Elective)**

Do you have an interest in architecture, graphic art, fashion design, advertising layout, or carpentry? This course may be for you! Learn how to represent objects in a variety of mediums (AutoCAD, paper, etc.) This course can make your design dreams become a reality.



### **Metalwork 10-12 (Applied Skill Elective)**

In this course, you will learn to work with metal. Possible topics will include casting, welding, forging, machining, jewelry making and sheet metal working. A 'design and build' hands-on course, you will have the opportunity to create your own projects, in a safe, well-equipped traditional metal-shop. As this is a project-based class, students will work on projects of interest that suit their level of experience. Participation and production are key elements to success in this course.

### **Mechanics 11-12 (Applied Skill Elective)**

This is an introduction to car maintenance and the automotive service technician field. Students will complete service and maintenance labs on their own vehicles or shop vehicles and will be expected to complete basic repairs with instruction. This course will give you the basic theory you need to safely work on vehicles. Just getting your own vehicle & want to make it purr? This is the course for you. Daily work logs and safety glasses are required for this course. Students will have taken 'Introduction to Power Mechanics' before taking this course. As this is a project based class, students will work on projects of interest that suit their level of experience. Participation and production are key elements to success in this course.

### **Woodwork 10-12 (Applied Skill Elective)**



Want to be part of an age-old tradition? Come down to the wood shop and build a classic piece of furniture that will last a lifetime! Whether you have done woodwork before or not, this course presents fun new challenges! While building beautiful pieces of furniture, students will learn to use all of the machines in the shop safely. They will be introduced to basic machine operations as well as some complex machining and jig use. Emphasis is on quality construction, safe use of machines, as well as the versatility of machines in the shop. After a few preparatory projects students are encouraged to create their own masterpieces. Students often surprise themselves by building a quality piece of furniture that looks like it was bought in a store. As this is a project-based class, students will work on projects of interest that suit their level of experience. Participation and production are key elements to success in this course.

## **Business Education**

### **Entrepreneurship 9-12 (Applied Design, Skills and Technology Elective)**

Students will learn: What opportunities exist for entrepreneurs, the characteristics that entrepreneurs share, ways to add value to an existing idea or product, differences between invention and innovation, barriers that various groups of entrepreneurs face and the factors that contribute to their success, the life cycle of a product from invention/innovation to marketplace and opportunities for initiating an entrepreneurial endeavour.

## **Integrated Studies Courses**

These courses integrate more than one subject. They offer unique experiences at school and in the community. You will find new ways to appreciate our amazing outdoor environment and natural habitat. These experiences are hands-on, and require skills and an interest to work with others.



### **Fly Fishing Program 10-12 (Literary Studies 10, BAA 10, Literary Studies 11, Science for Citizens 11, English 12 Studies, Specialized Science 12)**

Our Fly Fishing Program for grades 10-12 blends the art of fly fishing with literacy, entomology, and conservation education. It is a comprehensive learning experience that includes hands-on activities, fosters a deeper connection with nature, and encourages responsible environmental stewardship. One of the core goals of this program is for students to develop an appreciation for local fisheries tied to land practice. Students will learn the intricacies of casting techniques, knot tying, and fly selection. This program emphasizes literacy skills through the lens of Fly Fishing including the study of entomology, enriching students' academic journey as well as their practical journeys out on the water. Reading and writing assignments related to fishing literature, scientific research, and conservation efforts are explored. Texts ranging from classic fishing tales, contemporary and recent Indigenous authors are studied for further analysis.

### **Salmon & Trout Focus**

The salmon runs are in full swing during the fall months. As such, students will be taught how to fish for BC's various species of salmon, including coho, chum, chinook, pink, and when egg season is upon the local flows the shift of the remainder of the coursework turns to cutthroat and rainbow trout as well as the elusive steelhead. Students will learn to tie appropriate attractor flies which target salmon and trout, as well as develop an understanding of salmon behaviour and spawning cycles.

### **Trout Focus**

As the water begins to warm during spring, students will fish for trout species on the Quinsam River. Here students will learn the importance of imitation flies through the study of entomology and the importance of matching hatches. The targeted trout species include sea run cutthroat, rainbow trout, as well as the elusive steelhead. Students will improve their understanding of river ecosystems and how it connects with fly fishing.

### **Carihi Forestry Program 11-12 (Environmental Science 11 or 12; Science for Citizens 11 or and Specialty Science 12)**

This course includes numerous field trips allowing students to get an up close look at how our forests are managed, maintained, and protected, while earning a graduating science credit. Units covered in this course include, but are not limited to forest management practices, surveying techniques, harvesting procedures, tree & plant identification, and regeneration/planting strategies. Students will be building employable skills using a hands-on learning approach. Students will acquire a firm understanding of forestry, which could lead to direct employment or entrance into post-secondary forestry programs. In this course, students work with modern forestry equipment and technology working with local forest companies and partnering with the NIC forestry program. If you have any question regarding this program, talk to a counsellor or see Mr. Kerluck.



## **Human Services**

### **Leadership (Grades 11-12)**

Got big ideas and want to bring them to life? Join the Leadership course and turn your creativity into action! Develop key skills such as teamwork, communication and problem solving. In leadership you'll make new friends while working together to make an impact. Lead fundraisers, plan spirit weeks and game nights, and be the driving force behind unforgettable school celebrations. This course meets twice a week, outside the timetable, once in the morning and once at lunch. Be part of something big and make high school truly unforgettable!

### **Leadership (Grades 9-10)**

Are you ready to step up and make a difference? The Leadership course is the perfect place to start! You'll have the opportunity to grow, be creative, and help plan unforgettable events while building leadership skills and making new friends. If you have an idea for the school, leadership can help you bring it to life. This course runs outside the timetable. Join to make your high school journey unforgettable!

### **Psychology 11 (Elective)**

Psychology 11 is designed to introduce students to the study of behaviour and mental processes. Students are exposed to psychological principles in addition to examining classical experiments and oft cited researchers within the field of psychology. As a social science, this course has practical applications to student's everyday life, and they will complete assignments that encourage them to apply these ideas and skills to their lives outside the classroom. This course includes a student directed, in depth, inquiry research project.

### **Psychology 12 (Elective)**

Psychology 12 explores different topics than Psychology 11; Psychology 11 is not a prerequisite for taking Psychology 12. Students continue to develop their critical thinking skills as they evaluate through readings and film, the contributions of psychologists to this growing field. There is a focus on practicing the skills of psychology, with specific emphasis on experiments and survey design. This course includes a student directed, in depth, inquiry research project.

### **Yearbook 9-12 (Elective)**

The Carihi Yearbook is geared towards those interested in working as a team to create an everlasting memory for our school. You would be responsible for developing the theme and focus of the yearbook while learning basic photography, online graphic design and marketing skills. Please note that much of the time spent on yearbook related activities is outside of class time and may include lunch, after school, and weekend commitments.



## **Extra Curricular Activities**

### **Interact Club**

Build your resume, make connections with the community and earn service hours for your Graduation Plan. This club is a great connection to the Rotary Club if you are thinking of doing a student exchange. This service club meets once a week at lunch.

### **Gender/Sexuality Alliance**

Carihi's GSA (Gender/Sexuality Alliance) is an everyone welcome, student-led lunch club for students who either identify as a part of, or support the LGBTQ2+ community. This is a space for students to hang out, share ideas, come up with school initiatives and provide feedback about their experiences. Students can also consult with SOGI teachers one-on-one to ask questions and connect with resources available to them both in the school and in the community.

### **Gamers Guild**

The Gamers' Guild is a co-curricular club for both experienced and novice gamers of all types. Leave the gaming consoles at home because most of the games played here are mano a mano (hand to hand). Students meet once a week at lunch to play quick games, but most save their energy for the monthly game-a-thon, where gaming goes into the late hours of the night with games like Risk, Magic, Axis & Allies, etc. Don't forget to bring your favourite game.

### **Sports Teams**

Carihi sponsors many very successful sports team that compete in inter-school leagues, tournaments and playoffs. Check with the staff in the Physical Education Department for team and season details. The teams currently sponsored are:

Fall Season		Winter Season		Spring Season	
Girls	Boys	Girls	Boys	Girls	Boys
· Cross Country · Junior Volleyball · Senior Volleyball · Swimming	· Cross Country · Junior Volleyball · Senior Volleyball · Junior Soccer · Senior Soccer	· Junior Basketball · Senior Basketball · Wrestling · Curling	· Junior Basketball · Senior Basketball · Wrestling · Curling	· Track & Field · Junior Soccer · Senior Soccer · Recreational Soccer · Rugby	· Track & Field · Junior Rugby · Senior Rugby · Golf

## **Career Life Education / Connections & Capstone**

### **BC 2023 Graduation Program**

Students in grades 12 are required to fulfill the Career Education / Connections requirements of the BC 2023 Graduation Program, including a Capstone Conversation.

### **Career Life Education / Connections & Capstone**

Students in all grades are required to fulfill the career requirement of the 2023 graduation program. Within this format, we will be able to accompany our students through their years of secondary school, creating, revising and refining an individualized career/life vision, and Capstone project, while introducing specific skills as they become pertinent in that individual student's life. Those skills will reach from matching personal goals to course requirements and work habits, to the ability to cope and deal with the many stressors our young adults encounter on their high school journeys. On this path we want students to see themselves first as humans-being and only then as humans-doing.

Career Life Education topics are introduced in grade 9 where lessons and topics are integrated within curriculum content. The Grade 9 Learning Cohort model that we offer at Carihi, allows this to be the perfect place for students and teachers to engage in a variety of discussions and assignments that lend themselves towards student self-awareness and exploration. The goal is to provide a safe environment where students are encouraged to reflect and share their thoughts and ideas as they begin their high school journey and adopt the necessary navigation tools towards aligning their actions with the person they want to become.

In grade 10, the curricular focus expands towards healthy living, nutrition, stages of physical and sexual development. This content is now delivered within our Physical Education department. Students still have access to school counsellors as well as any sessions/seminars that are being offered as part of our larger Career and Transitions offerings.

### **Career Life Education Grade 11**

Career Life Education 11 is a semester long class focussed solely on helping students discuss, discover and plan around their next best steps for life after high school. Grade 11 lends itself to being a great time for students to really dive into the larger topics that they will be needing to navigate. Grade 11 is far enough into their journey where they will need to begin sharpening their focus for life after high school, and at the same time allowing enough time to still make important adjustments before graduation. Students will spend time creating, maintaining and updating their personal vision according to current course standings. Student will also create and develop their Capstone project and plan (1 on 1, small groups, and seminar sessions).

Seminars on Resume Writing, Job Applications, Interview Skills plus Post\_Secondary processes and certifications are also covered.

### ***Course type: required (4 credits)***

### **Career Life Connections & Capstone Grade 12**

Our grade 12 students enter their final year with having covered a variety of possible plans. Students with a focused plan in place at this time will place their attention on making finer adjustments towards a smooth transition to their journey beyond high school.

Students will spend time gathering information for their Capstone project, speaking with a chosen mentor and putting together their final Capstone product for presentation.

### ***Course type: required OT (4 credits)***

## **Work Experience Opportunities**

### **Work Experience 12 (WEX-12) (Applied Skill Elective)**

This four-credit course is designed to enable students to explore careers of their choice and to gain valuable employability skills. It requires a strong commitment to self-initiative and responsibility. Students are required to complete 120 hours of work experience. Students may work at one or several places and complete the hours during school time, after school, on weekends, or during the summer. It is the student's responsibility to keep track of hours worked and completion of assignments. Credit will be given to documented hours only. See your school career counsellor for details.

### **Jr. Wildfire Crew Member Training Program Grades 11-12**

The Junior Fire Crew Member program trains students in their grade 11 or 12 year, to become a wildland firefighter. Successful students will be offered a job on a fire crew for the summer where they will gain skills and experience to help them gain a regular crew member position the following summer. Applicants must be physically fit, highly motivated, and able to perform strenuous physical labour in extreme conditions with a variety of tools and equipment. Grade 11 Students can join the training but won't be hire-able until their grade 12 year. These Grade 11 students will be on a high priority hiring list, for the next year.

Offered to: grades 11-12

When: outside of school hours

### **Trades Sampler Gr. 11-12 (Applied Skill Elective)**

This is an opportunity for hands on learning with North Island College trades facilities. Students will explore introductory aspects of Trades and Technical programs offered at North Island College such as carpentry, electrical, small engine, heavy mechanical, welding, and metal fabrication. Also included are valuable industry certifications in WHMIS, OFA Level 1 and Forklift Operator. Not only does the Trades Sampler encompass an introduction to the health and safety requirements for today's work site environment, but it also provides learners with a pathway to further foundation and apprenticeship training offered at North Island College. This is an 8-credit course. If you are interested, see your school career counsellor.

### **Youth Work in Trades (YWIT 11 & 12)**

Youth Work in Trades (YWIT) is a career program that gives students the opportunity to begin an apprenticeship while still in high school, and to earn high school credits for doing so. Youth Training at Work involves part-time work within a trade, something many secondary students are doing. Think about it: you can be earning money and learning valuable skills by doing a job you love, getting high school and post-secondary credits for it, and pursuing other academic courses at the same time. Imagine how much more meaningful school will feel, and how far ahead you'll be when you graduate. YTW can give you a head start on a career. You could be up to two years ahead of your peers in a trades career, if you participate. See your counsellor for more details.

*Course type: gr. 12 applied skill elective*

*Must already be in an apprenticeable occupation*

### **Post Secondary Dual Credit Options**

*Dual Credit options are a way for students to earn post-secondary credits while still attending high school. Students will receive grade 12 credits in addition to their post-secondary credits, which count towards fulfilling graduation requirements. Opportunities range from apprenticeship training to 1st year courses that are transferable to most universities. These programs are run through North Island College and can be arranged through the school Career facilitator. See your counsellor for more information.*

### **Youth Train in Trades (TRNN) Programs**

The following North Island College trade and technology programs are available for students. Students may be able to complete level 1 of the following programs while in high school. Students should see their counselor in grade 10 or early in their grade 11 year to go over the prerequisites of the program, its availability, and to fill out the underage application forms for North Island College. For further information about a specific program please visit the NIC website.

Aircraft Structures Technician Certificate	Carpentry
Automotive Service Technician Certificate	Drafting
Culinary Arts / Professional Cook Certificate	Electrical
Heavy Duty & Commercial Transport Mechanics Certificate	Electronics Technician Core Certificate
Plumbing & Piping Entry Certificate	Welding Level

- Advanced planning with the Career Counsellor For Student Options & Opportunities is required to ensure the prerequisites of program are met prior to starting the program.
- More detailed descriptions of these programs are outlined on the following pages
- Some TRNN programs require EN12 to be completed in grade 11 (check with your counsellors)

### **TRNN Automotive Service Technician—Foundation Level 1**

This full-time comprehensive program is designed to prepare students for a career in the Automotive Repair trade. The program is taught through daily lectures, seminars and demonstrations of current servicing techniques, approximately 40% theory as well as extensive practical training in a functioning, automotive shop setting (approximately 60% hands-on). This is a full time 30-week program - NIC Campbell River campus. September 2026 intake

*Pre-requisite: Eng. 12 or Com. 12 C+, Math 11 C+, Auto 12 B, School reference.*

### **TRNN Carpentry—Foundation Level 1**

This entry level trades training develops the skills needed to become an apprentice carpenter in BC's booming construction industry. The program combines theory with lots of hands-on learning. is a full time 24-week program at NIC – Comox campus. Intake will be September 2026 but will also vary from year to year at NIC. See the District Facilitator for updated information.

*Pre-requisite: Eng. 12 C or Com. 12 C+, Woodwork 12, Math 11 C, STX 12 or Co-op 12, School reference. This is a full time 24-week program at NIC – Comox Valley campus. Intake will be September 2022 but will also vary from year to year at NIC. See the District Facilitator for updated information.*

### **TRNN Aircraft Structures Technician (AME-S)**

Develop precision skills working with everything from sheet metal and wood to fabric and thermoplastics. Receive recognition from Transport Canada for training and technical tests required for the AME-S license. Graduates qualify for high demand jobs locally and around the world. Employment opportunities may include aircraft repair and servicing, aircraft manufacturing, aircraft parts manufacturing and aircraft parts technician. This is a full time 10-month program at NIC.

*Pre-requisite: Eng. 12 or Com. 12 C+, Math 11 C+, STX 12 B. September 2022 intake at NIC.*

### **TRNN Culinary Arts / Professional Cook 1 — Level 1**

This program is designed to train students for a career in professional cooking. Earn apprenticeship technical training credits towards your Red Seal certification. Learn from highly experienced, qualified instructors in modern, fully equipped training facilities. Course content includes the preparation of meat, poultry, soup, salads, sauces, seafood, fruit and desserts. Students set up and operate a restaurant and cafeteria that provide regular lunches and caters for many special events.

*This is a full time 27-week program at NIC— Campbell River campus. Intake at NIC will vary from year to year.*

*Pre-requisite: Eng. 12 C or Com. 12 C+, Cafeteria 11 and/or 12, NIC Culinary Arts Math Assessment, Food Safe Level 1, School reference.*

### **TRNN Electrical Foundation**

Learn strong theoretical technical training while also developing a solid mastery of applied skills. Also, earn apprenticeship technical training credit towards a Red Seal certification. Skilled electricians are needed in a growing number of areas, including residential, commercial, and industrial electrical construction, electrical maintenance and service, marine electrical work, and utilities. This is a 24-week full time program at NIC— Campbell River campus. *Intake at NIC is September 2026*

*Pre-requisite: Eng. 12 C+, Math 11 C, Physics C+, NIC Electrical Math Assessment, STX 12 or Co-op 12, School reference.*

### **TRNN Heavy Duty Mechanical Foundations**

Develop entry-level skills to enter four heavy mechanical trades: Heavy Duty Equipment Truck and Transport Mechanic, Diesel Engine Mechanic, and Transport Trailer Technician. This is a full time 36-week program at NIC – Campbell River campus. *Intake at NIC is Sept. 2026*

*Pre-requisite: Eng. 12 C, Math 11 C, STX 12 or Co-op 12, School reference.*

### **TRNN Welding Foundations- Apprenticeship Level C**

This 7-month welding program is delivered in a modular format with practical and related knowledge modules. Learn the core welding skills, processes, and techniques needed to enter the welding trade. As a level C ticket holder, you could find work in a shipyard, fabrication shop, forest, fishing, aquaculture, agriculture, oil and gas, manufacturing, construction, maintenance and mining industries. *Intake at NIC is Sept. 2026 and Feb. 2027.*

*Pre-requisite: Eng. 12 C, Math 11 C, STX 12 or Co-op 12, NIC Welding Assessment, School reference.  
See Career Facilitator for an application*

### **TRNN Plumbing and Piping Foundations**

Coursework covers plumbing, steam fitting, sprinkler fitting, and gas fitting, enabling graduates to enter any of these trades upon certification. Graduates also qualify for employment as an apprentice plumber, steamfitter/pipe fitter, sprinkler system installer, or domestic/commercial gasfitter. Opportunities also exist in a number of related fields, from refrigeration and sheet metal to oil burner service. This is a full time 26-week program at NIC – Comox Valley campus. *Intake at NIC is Sept. 2025*

## **After Secondary School**

What are you going to do when you finish secondary school? If you don't have a clear vision of where you would like to go, check out the three following web-sites.

### **[www.myblueprint.ca](http://www.myblueprint.ca)**

My Blueprint is a platform used at Carihi throughout the career program from grade 9 - 12. Most students should have an account already. Students can build their personal portfolios and growth plans on My Blueprint and search careers that match their skills and interests (for usernames and passwords, see Mr. Fitzpatrick).

### **[www.educationplanner.bc.ca](http://www.educationplanner.bc.ca)**

This web-site provides resources to help guide your educational journey. Students can plan, search, and apply their ideas directly from this site.

### **[www.postsecondarybc.ca](http://www.postsecondarybc.ca)**

This website is great for both parents and students as they navigate their post-secondary planning.

## **Scholarships & Bursaries**

### **Provincial Scholarship Program**

- BC Achievement Scholarship \$ 1,250
- District Authority Scholarship \$ 1,250
- BC Excellence Award \$ 5,000
- Pathway to Teacher Education \$ 5,000

For details on these scholarships please go to:

<https://www2.gov.bc.ca/gov/content/education-training/k-12/support/provincial-scholarships>

### **Other Scholarships & Bursaries**

School District #72 has an extensive scholarship and bursary program for students planning to attend post-secondary institutions. Students who require advice regarding student loan, scholarship, or bursary applications should contact a counsellor in Student Services.

## **10 Steps to Select the Right Post-Secondary School**

1. Make a clear list of your goals and interests.
2. Following up on that list, find out what kind of education and training you'll need to work in that area.
3. Prepare for the admissions tests as if you are preparing for a marathon: don't cram and rush the process, slow and steady will help you win this race.
4. Familiarize yourself with the different types of schools; many will encourage you to visit campus and sit in on classes, allowing you to get a feel for the place.
5. Talk to the school's financial aid officers to find out how they can help make your dreams happen.
6. Hit their websites. All are online and the sites are loaded with information about residence life, specific programs and awards.
7. Make a short list of the schools that possess the characteristics you're looking for and that best meet your goals and needs.
8. Request additional information from schools you are interested in including applications for admission and a cost breakdown.
9. Apply for admission to the four to six schools that top your list. Many schools require that you apply anywhere between six months and a year in advance. Call the Admission Office to find out each school's application deadline.
10. Talk with your school counsellor and ask any question you may have.