

# **Course Selection Guide**

## 2022-2023

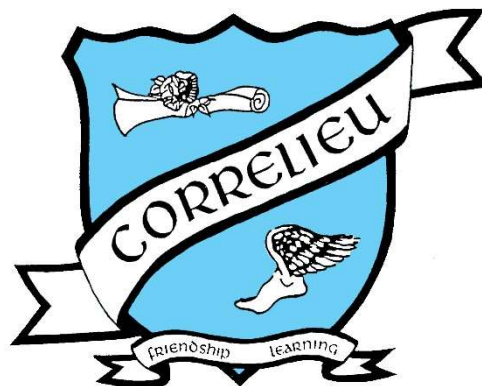


# Correlieu Secondary School

## Course Selection Guide 2022-2023

### Table of Contents

How to use Guide	3
Graduation Requirements	4
Aboriginal Programming	5
Career Preparation Programs	7
Business & Information Technology	11
Theatre Studies/Drama	14
English	17
French Immersion	19
Graphic Arts	21
Visual Arts	23
Home Economics	25
Engineering, Technology & Trades	28
Auto	32
Computer Aided Design	33
Metal Work	35
Wood Work	37
Languages	40
Mathematics	42
Music	46
Physical Education	49
Science	51
Social Sciences	54
Social Studies	55
Distributed Learning, IDS & External Courses	60
Resource Courses	61



This guide provides a description of courses, programs and services offered at **CSS**. Please review the information and make your selections in consultation with counselors, teachers and parents.

### Course Selection

- Students in Grades 10 and 11 **must** carry a full course load of 8 classes.
- Students who have failed a course in the first semester may not be programmed to repeat that course in the second semester.
- If a student needs to complete two years of a course in a single year (English 10 and 11) we will not program the second course until after first term. The student must be passing the first course in order to be programmed into the second one.
- For students who fail an elective due to lack of attendance or engagement, they will not be programmed into the elective a second time.

### How to use this guide

- Read the first section to understand the programs offered at the school.
- Take specific note of those courses that interest you.
- Pay attention to courses that have prerequisites and co- requisites.
- List the courses you would like to take on the course selection sheet.

### Plan Ahead

- Plan your courses to be sure that you have the opportunity to enroll in courses in the following years that will meet your goals.
- You will have to take particular courses in high school, beyond those required for graduation, to prepare for post-secondary. Every program has its own special requirements. Check with your chosen post-secondary institution.
- Ask yourself: what course must I take to enter colleges, technical schools or universities?
- Ask yourself: what courses do I need to enter jobs or job training programs in which I am interested?

### Graduation Ceremonies

Students are required to be in a passing position to participate in the Graduation Ceremonies. Parents and students will be notified by mail regarding ineligibility in early May.

Shortly after this notification we will meet with the student and/or the parent to discuss what the student needs to do to regain his eligibility. If by an agreed upon time the student is passing all courses and has the required credits they will become eligible to participate in the ceremonies.

## Graduation Requirements

### Dogwood Diploma

The B.C. Certificate of Graduation or "Dogwood Diploma" is awarded to students who successfully complete the provincial graduation requirements.

Students require a minimum of **80 credits** to graduate.

Of these 80 credits:

- At least 16 credits must be at the Grade 12 level, including a required Language Arts 12 and Career Life Connections
- At least 28 credits must be elective course credits
- 52 credits are required from the following:
  - Career-Life Education 10 (4 credits)
  - Career-Life Connections 12 (4 credits)
  - Physical and Health Education 10 (4 credits)
  - Science 10 (4 credits),
  - Science 11 or 12 (4 credits)
  - Social Studies 10 (4 credits)
  - Social Studies 11 or 12 (4 credits)
  - A Math 10 (4 credits)
  - A Math 11 or 12 (4 credits)
  - A Language Arts 10 (4 credits)
  - A language Arts 11 (4 credits)
  - English Studies 12 or English First Peoples 12 (4 credits)
  - An Arts Education 10, 11, or 12 **and/or** an Applied Design, Skills, and Technologies 10, 11, or 12 (4 credits total)



In addition, students must also complete three graduation assessments:

- The Grade 10 Numeracy Assessment was introduced in 2018
- The Grade 10 Literacy Assessment was introduced in 2019/20
- The Grade 12 Literacy Assessment was introduced in 2021/22

### For French Immersion/Francophone Dual Dogwood:

French Immersion students can earn both a British Columbia Certificate of Graduation (Dogwood Diploma) and a Diplôme de fin d'études secondaires en Colombie-Britannique.

To graduate with **both diplomas**, French Immersion students must meet the graduation requirements for the Dogwood Diploma and, of these 80 credits, they must earn:

- At least 16 credits at the Grade 12 level (including a Français langue seconde-immersion course at the Grade 12 level)
- Français langue seconde-immersion 10 (4 credits)
- A Français langue seconde-immersion course at the Grade 11 level (4 credits)
- Français langue seconde-immersion 12 (4 credits)
- At least 12 credits in Grade 10, 11, or 12 courses that are in French with at least 4 of these credits at the Grade 11 or 12 level

In addition, French Immersion students must also complete four Provincial Graduation Assessments, three in literacy and one in numeracy.

## **Aboriginal Education**

### **First Nations Applied Art MTEW-10FN**

Students learn to use wood as a medium to express themselves. Emphasis is on study of First Nations art forms. The course may include making, carving and painting:

- Wooden bowls, Totem Poles, Canoes
- Ceremonial Paddles
- Wooden Boxes
- A variety of other wooden objects

All students are welcome.

### **First Nations Art 10, 11 & 12 MVAG-10FN, MAF- -11FN, MAF- -12FN**

This course expands and builds on the concepts and skills learned in Art 8 & 9 and also accommodates the first time art student. Students will explore drawing, painting, printmaking and sculpture focusing on traditional and modern Aboriginal art. This is a prerequisite course for Drawing and Painting 11, Ceramics and Sculpture 11, Printmaking and Graphics 11.

All students are welcome.

### **British Columbia First Nations Studies 12 MBCFP12**

*Recommended Prerequisites:* none - open to Grade 11 or 12 students.  
The study of the history - culture and literature/art of the Indigenous people in Canada

- Carrier history - language and culture
- Metis history & culture - overview of North American tribal areas
- Education – impact of residential schooling and missionary activity
- Legislation - Indian Act, 19th Century Treaties, modern treaties
- Art/Literature - traditional art (totems, petroglyphs, masks)
- media portrayal (older movies vs. current ones)
- First Nations Literature including folk tales and modern stories

*This course will give credit for Social Studies 11.*



### English 10/11: First Peoples MEFP -10

This course covers the same learning outcomes and is the academic equivalent of English, with the focus being on Aboriginal Literature.

All students are welcome.

### English 12: First Peoples MEFP-12

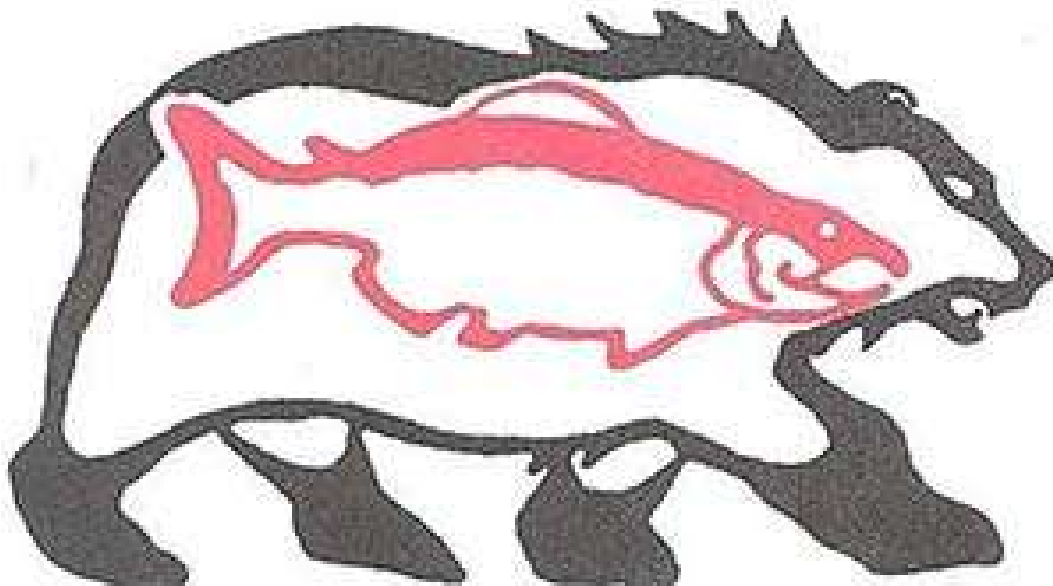
*Recommended Prerequisites:* English 11

English 12 First Peoples is the academic equivalent of English 12 and provides opportunities for all students to engage with indigenous creative expression, and enter the worlds of First Peoples provincially, nationally, and internationally.

The course focuses on the

- experiences
- values
- beliefs,
- lived realities of First Peoples—including oral story, speech, poetry, dramatic work, dance, song, film, and prose (fiction and non-fiction).

*This course meets the Language Arts requirement for Grade 12.*



## Career Programs

### Career-Life Education 10 (Required) MCLE-10

Using projects, keynote speakers, workshops, technology and one-on-one support, Career-Life Education 10 will cover the following broad topics while supporting students in making career-life decisions that will benefit them into the future:

- Career-life development: competencies of the educated citizen, self-assessment and reflection strategies, mentorship opportunities, well-being and personal and work life balance, ways to represent oneself, and workplace safety.
- Connections with community: inclusive practices, personal networking and employment marketing strategies, and ways to contribute to community and society
- Career-life planning: career-life development research, models of flexible planning and goal-setting, methods for organizing and maintaining authentic evidence, and local and global and market trends

### Career Life Connections 12 (Required) MCLC-12

This interactive course builds on and extends what was learning in Career-Life Education 10. It focuses on applying career-life management knowledge, skills, and strategies to the student's own personal life journey and focuses on planning for post-graduation. With support of the teacher/mentor students will also complete and present the required capstone project during the class.

Career Life Connections includes:

- Personal career-life development: competencies of the educated citizen; reflection strategies; mentorship opportunities;
- Self-advocacy to communicate strengths, values and interests; factors that shape identity and career-life choices;
- Personal strategies to sustain well-being, and awareness of rights and regulations in the workplace
- Connections with community: intercultural, leadership, and collaboration skills;
- Career-life exploration beyond the classroom;
- Personal and public profiles to positively represent self in diverse face-to-face and digital contexts
- Career-life planning: self-assessment to achieve personal goals; methods for organizing and maintaining authentic evidence;
- Post-graduation planning in personal, education, and work life contexts;
- Approaches to showcasing one's learning journey; and capstone guidelines
- Capstone Presentation



### Get Graduation Credits as you explore careers!

Correlieu's Career Preparation courses are designed for all students and are used to value the employment, training, and career experiences that support career exploration and choices. Through first-hand experience in a career setting the courses will help with the transition from school to a career; building the confidence to focus efforts and getting the specific training and skills required.

It is strongly suggested that you **apply and register WEX, YSEV and ITA courses** early to make sure you get a spot in the program of your choice.

Please Note that although these courses are offered "out-of timetable" you **will** be required to meet your mentor individually during a mutually agreed on time to meet course outcomes. The course is based on multiple units/module with a focus on experiential learning and is meant to broaden career exploration knowledge and experiences.

### Work Experience 12 A and 12 B MWEX-2A

Offered "outside of timetable" once you have signed and been accepted into the course you **will** be required to meet your mentor individually during a mutually agreed on time to meet course outcomes. As part of this course students will:

- Cover Workplace Safety and Workplace skills
- Identify novel and guided approaches to utilize personal strengths, preferences, and skills
- **Assess knowledge of self** and identify personal areas of interest to explore options for work placement
- Apply job search and interview skills
- Identify **transferrable skills** specific to the work placement
- Develop a plan to address skill development and refinement
- Access information and ideas on **workplace safety** prior to work placement to determine workplace safety risks
- Identify, demonstrate and incorporate **provincially legislated** safety and site-specific work-site safety procedures while at the work placement
- Demonstrate knowledge of **cultural sensitivity, workplace ethics and etiquette**
- Demonstrate progression of skills learned specific to the work placement
- Contribute to **care of self, others, and community**
- develop skills to work respectfully and constructively, both **independently** and with others, to achieve common goals
- Document work experience to **demonstrate required hours**
- Engage in ongoing **reflection and documentation** of work experience as it relates to current and **future pathways**
- Reflect on **independent and collaborative problem-solving strategies** implemented, specific to the work placement



### [Post-Secondary Employment Preparation YSEV12](#)

Building on, or as a stand-alone to Work Experience 12 A or 12 B, Correlieu also offers a number of Post-Secondary Employment Preparation (YSEV) courses that specifically cater to some students. They are more modular in focus, with course specific modules.

Offered "outside of timetable" once you have signed and been accepted into the course you **will** be required to meet your mentor individually during a mutually agreed on time to meet course outcomes.

YSEV courses offered are listed below:

[Post-Secondary Employment Preparation 12- Indigenous Career Programs and opportunities](#)

[Post-Secondary Employment Preparation 12- RCMP- Youth Academy](#)

[Post-Secondary Employment Preparation 12- Structural Firefighting](#)

[Post-Secondary Employment Preparation 12- Encounters with Canada \(2 Credit Option\)](#)

### [Junior Wildfire Program YSEVC2FWF](#)

The purpose of the School District 28 Career Programs and Quesnel & District Ministry of Forests Junior Wildland Fire Crew Program is to raise awareness for Grade 12 Students about Wildland Fire Fighting as a work experience and work opportunity. For students that qualify for the program, it will provide an exploration and preparation opportunity. Participants will also learn about summer and seasonal employment opportunities in this field. There is some costs associated with taking the program but please check with Mr Tourangeau for further information.

### Course Credits

Students that qualify and complete the Junior Wildland Fire Crew Program Careers Project will earn a four credit Provincial course: Ministry Authorized Work Experience or equivalent credit. Students will also receive 8 certifications throughout the program including S100, S185, OFA and Transportation Endorsement which will allow students to work across Canada.

### Application Process

- Apply beginning in Gr 11

### **ITA sponsored Trades Training Courses**

If you are thinking about a career in the trades, or want to begin the apprenticeship journey in high school **Youth Explore 10, Youth Work 11 and 12, and to Youth Train 12** will give you the chance to get a head start on an apprenticeship while you're still in high school. It is very important that you let your careers program teachers know that you are interested as early as possible.

The Quesnel School District offers several district programs for students interested in beginning an industry Red Seal certification and/or completing the foundation level of a Trades program. These Industry Training programs will save both time (allowing qualification to begin in high school) and money (limited seats are financially supported through the dual credit option).

### If you are interested in a Red Seal Trade:

Application Forms are accepted beginning in Grade 10 and Grade 11. It is **important to apply early** as spaces are limited, and hours generally only count going forward!

### Youth Explore Trade In Trades Class MSTX-10

This program gives you 120 hours of hands-on experience in more than one trade while you are taking certain trades classes at Correlieu.

You'll learn the basics, explore your interests and get a sense of a trade you may want to pursue. From there, you can move onto career programs and hopefully one of the apprenticeship programs (Youth Train in Trades or the Youth Work in Trades Programs). Applications will be given out to you in your trades class.



### Youth Work in Trades Program - MWRK-11A, 11B, 12A, 12B

GET ON-THE-JOB TRAINING AS A YOUTH APPRENTICE (up to 16 Credits 11A,B, 12 A, B)

As you are working in an ITA recognized trade, not only will you take home a pay cheque, you'll also have the opportunity to earn up to 16 credits towards your high school diploma, log 920 training hours toward your trade credential and be in a position to earn a \$1,000 award.

If you are already employed in a trades field **please complete application** form available in career center or from Mr. Runge. Apply early for maximum apprenticeship benefits!.

### ITA Learn in Trades 12 (16 credits- Semester 2 Grade 12) TRND-2A-D

ITA is a dual-credit program that enables you to earn high school graduation credits as well as receiving college credits and hours towards your foundations level of the technical training in an Industry Training Authority (ITA) program. The course is offered to students who have this option in their career plan, have applied and been accepted. Students generally begin the ITATrain Program (Dual Credit) during their final semester of Grade 12.

### Still have Career Program Questions? Need to Apply?

#### Career Preparation Program Contact:

*Martin Runge, Correlieu Career Programs Coordinator*

*Phone: 250 992 7007 Cell: 250-255-4884, email: martinrunge@sd28.bc.ca*



## **Business, Careers, Information Technology, Leadership, and Tourism**

The Business, Information Technology and Careers Departments at Correlieu have a number of courses meant to support personal, post-secondary, and business endeavours.

### **Computer Programming 10, 11, 12** MCSTU10, MCMPR11, MCMPR12

As Students' progress through the material of Computer Studies and Programming they will learn and/or specialize in many of the following concepts as they hone their computational thinking, design, and process skills.

Depending on the students' level concepts covered may include:

- Basic computer skills and programs
- design opportunities of hardware, peripherals and devices
- OS, software, cloud computing, and business applications
- programming concepts, troubleshooting processes, and preventative maintenance
- wired and wireless evolution of digital technology
- safety, security risks, and digital literacy
- problem decomposition and development and management of complex programming
- development and structures within existing code, modifying existing code – strategy and methods
- program language constructs and program development processes and tools
- documentation development and collaboration tools
- advanced pair programming, U/I design, and error handling and debugging

### **Marketing, Entrepreneurship and Finance 10, 11, 12** **(An Intro to Business, Entrepreneurship and Financial Literacy)**

This course's learning standards are organized conceptually to address:

- Basic Financial Literacy
- Basic Investing and investment simulations
- Introduction to economics
- Entrepreneurship, innovation, invention, and culture
- Service/product development
- Introduction to marketing
- target markets
- marketing and promotion and advertising processes and strategies
- Business risk assessment
- E-commerce

### **Digital Media Design and Development 10, 11, 12** MDMD-10, 11, 12 (Media Design) MWBDV10 (Web Development) MDMD-12 (Digital Media Development)

As Students' progress through the different levels of Media Design and literacy they move from learning basic systems and programs to creation and enhancement through completion of larger personally relevant projects. Depending on the students' level concepts covered may include:

- design opportunities and design cycle
- development and manipulation of 2D, 3D, audio, and video media
- digital animation

- digital sound and data compression
- desktop and device video production
- user-centred design
- Consideration and discussions of cultural appropriation
- graphic design standards and principles
- design opportunities in animations, games
- website function and interactivity, development and publishing
- domain and hosting options
- accessibility and functionality in web design considering user interface (UI) and user experience (UX), security and privacy
- database creating and management principles

### Leadership 10-12 YIPS-1 or 2 BLDR

Designed for students to learn and apply various methods and techniques for planning, implementing and evaluating projects related to school activities. Topics in Leadership include:

- public speaking
- communication
- teamwork
- management skills
- self-awareness
- human relations
- active "hands on, minds on" experiential learning with school and/or community-based projects

### Accounting 11 or 12 MAC--11 and MACC-12

This course is organized to address:

- current accounting standards and practices
- accounting cycle, principles and equation
- financial documents
- financial decision making
- best practices
- computerized accounting
- career opportunities

### **Acct' 12 (this course requires acc't 11):**

Following completion of the Accounting 11 material students will learn about:

- financial reporting for sole proprietorships, co-operatives,
- partnerships and corporations
- accounting principles and practices
- payroll processes, inventory systems
- specialized accounting
- internal controls
- best practices
- career opportunities
- detailed accounting reports

### Entrepreneurship 10, 11 and/or 12

(incorporating YELL and JA Entrepreneurship! Note: This may become a dual credit (SFU, UNBC accepted) 8 credit Entrepreneurship (MENT12 plus), course depending on project, presentation, and final mark)

Offered from in conjunction with the regular Entrepreneurship 10, 11 or 12, you will, through speakers, course content, mentors and project work, gain knowledge and develop experience in:

- developing and evaluating a business,
- building a personal network of business contacts,
- honing your creative and critical thinking,
- applying teamwork skills, and
- putting your presentation skills to the test
- business modeling
- design thinking
- lean entrepreneurship
- dealing with business failure and rejection
- making business pitch
- finance and venture capital

### Economics 12 MEC--12

Economics 12 is open to any student in grades 11 or 12. Using simulations, text, scenarios, and videos this course is meant to offer a solid understanding of economics while also helping with entrance requirements for many universities. The learning standards in Economics 12 are organized to address:

- the economic problem
- macro- and micro-economics
- business cycle
- government actions and impacts
- local and global markets
- career opportunities
- best practices
- economic indicators
- Economic concepts and principles
- Micro and Macro Economics
- History of Economic thought



## Theatre Studies

### Drama 10, 11, & 12 MDRM-10, MDRM-11, & MDRM-12

Drama 10, 11, & 12 are **academic courses** focusing primarily on understanding the history of theatre & play analysis. Students interested in script writing at the Gr. 11 & 12 levels are encouraged to take these courses.

- Essay writing and a considerable amount of reading are involved.
- Drama students will not be involved with performing or the production of school plays.

### Theatre Company 10, 11, & 12 MDRTC10, MDRTC11, & MDRTC12

*No Prerequisites for Company 10, but students should take all proceeding course before attempting higher level ones.*

Company 10, 11, & 12 are **acting courses**. Starting in Gr. 10 and progressing through Grades 11 & 12, students will learn the many skills needed to be a stage actor. Students are expected to:

- Work in a team environment
- Commit to attending *all* rehearsals & productions
- Complete module readings at home and come prepared to practice material in class
- Put on a live performance (varying in length between 20 & 90 minutes depending upon troupe ability).



### Theatre Production 10, 11, & 12 MD RTP10, MD RTP11, & MD RTP12

*No Prerequisites for Production 10, but students should take all proceeding course before attempting higher level ones.*

- Production 10, 11, & 12 **are trades courses** with students explore the technical aspects of the theatre; carpentry, metal work, sewing, business, and art students are all encouraged to apply.
- **No acting is required** of students enrolled in these courses.

Production 10 is an introductory course focusing on a wide array of set construction, prop creations and lighting, and must be completed before enrolling in Production 11 or 12 as the course is the building block of the senior courses.

- Take direction from the Stage Manager
- Work as a team
- Should be self-motivated to finish complex tasks.

Production 11 & 12 students in addition to Production 10 requirements will:

- Select two related areas e.g. lights & sound or costuming & makeup, to focus on.
- Be responsible for all backstage work (focusing on their speciality as much as possible) leading to the production of a play.
- Be responsible for peer tutoring lower grade level students.

### Directing & Script Development 11 & 12 MDRDS11 & MDRDS12

*Instructor's permission is required for enrollment in these courses.*

- Directing & Scriptwriting 11 & 12 are best thought of as **honours courses**.
- Students will either work on directing or script development, but not both.
- For those students looking at a career in theatre arts, these courses will give you a greater understanding and appreciation for the many complexities of a working theatre.
- In addition to working on the following, students are also responsible for completing either Theatre Company/Production 11/12.
- Each of these courses may require extensive out of class work

Directing 11 students will:

- work as assistant & backstage directors
- learn leadership & organizational skills
- being responsible for leading the troupe in morning warm-up routines
- be able to demonstrate a very good understanding of acting and/or technical theatre.

Directing 12 students will be responsible for all of Directing 11 skills plus:

- taking a lead role in directing a Company 10, 11, or 12 play
- working closely with the instructor/producer
- peer tutoring.

### Scriptwriting 11

- Playwriting is the writing of a play involving the components of structure, scenario, scene, workshopping and the play. This discipline concentrates equally on the technical and conceptual elements of playwriting.

Scriptwriting 12 students will:

- Produce a one act play for publication and possible performance (under the supervision and guidance of the class teacher or designate) by students in competitive theatre. The rules governing competitive theatre apply.



**FILM MAKING 10, 11 & 12 MDFT-11, MDFT-12 (INTRODUCTORY, INTERMEDIATE & ADVANCED)**

Students will learn:

- moving-image elements, principles, vocabulary, industry terms, and symbols
- pre-production, production, and post-production strategies, techniques, and technologies acting skills and approaches
- roles and responsibilities of pre-production, production, and post-production personnel, as well as roles of artists and audiences
- historical, current, and emerging consumer and commercial moving-image formats and technologies
- contributions of innovative artists from a variety of genres and contexts
- traditional and contemporary First Peoples worldviews, history, and stories communicated through moving images
- structure, form, narrative, and genres of local, national, and intercultural cinematic traditions
- ethics and legal implications of moving-image distribution and sharing
- ethics of cultural appropriation and plagiarism
- health and safety protocols and procedures

**Musical Theatre 10, 11 & 12 MMUTH10, MMUTH11, MMUTH12 – X BLOCK**

*Recommended Prerequisites:* Open to all students. Auditions will be held for casting of roles.

**Note:** This course will be offered outside the regular timetable.

- active participation in the production of a major musical
- audition, rehearsal, and performance techniques specific to the musical theatre disciplines of drama, music, and dance
- interplay of movement, sound, and role interpretation
- students will participate in both the performance and technical side of the course
- explore and create musical theatre collaboratively, using imagination, observation, and inquiry
- stage management, light/sound tech or props management





## English

### English 10 MCMPS10, MCTWR10, MLTST10, MNMD10, MSPLG10

English Ten is a survey course, offering students exposure to all the major threads of English/Language Arts. Students will develop their skills working with:

- media
- creative writing
- spoken word
- composition
- literary studies.

This is a four credit course. This is a **required course**.

### English 10: First Peoples MEFP -10

This course covers the same learning outcomes and is the academic equivalent of English, with the focus being on Aboriginal Literature.

All students are welcome.



In English 11 (and potentially 12 as an elective) Students can choose from one of four different English areas of focus, which include:

### English / Literary Studies 11/12 MLTST11, MLTST12

Students will explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) in a variety of media.

Some areas of focus may include:

- literature by era (Middle Ages, Renaissance, Restoration, Romantic, Victorian, 20th century)
- Canadian, world, and First Peoples literature

### English / Media 11/12 MNMD-11, MNMD-12

English / Media 11/12 is an English course that recognizes the expanding role of technology and digital communication. Coursework allows students to demonstrate understanding, learning, and communication through a variety of media.

Some areas of focus may include:

- influence of media – current events, propaganda, advocacy
- journalism and publishing – short stories, non-fiction novels, critical and creative thinking, essays
- digital communication – blogging, post writing, media stories, research

### English / Spoken Language & Storytelling 11/12 MSPLG11, MSPLG12

English / Spoken Language & Storytelling 11/12 students will study, create, write, and present original and authentic pieces for a range of purposes. Students will expand their competencies through processes of drafting, reflecting, and revising bodies of work.

Some areas of focus may include:

- spoken word/slam poetry, poetry recitation, oral storytelling, readers' theatre, radio/podcasts/video posts
- local story knowledge, oral history
- speech writing/presenting, proposals, interviewing, event facilitation, radio/podcasts/video posts (information items), voice-overs

### English / Creative Writing 11/12 MCTWR11 MCTWR12

Students will read and write across many genres of writing, such as non-fiction writing (journalism, academic writing) and many aspects of fiction writing (poetry, short stories, children's literature). Students will gain exposure to new and classic literature as well as First People's Literature throughout the course.

Some areas of focus may include:

- academic writing (research and persuasive essay writing)
- journalism (photo and written journalism)
- children's literature
- short prose fiction (short stories)
- poetry

### English Studies 12 MENST12

English Studies 12 is a **required course** and extends students' previous learning experiences from grades 10 and 11. Focus of this course is in part based on, but not limited to:

- thinking critically and creatively about the uses of language
- exploring texts from a variety of sources, in multiple modes which reflect diverse worldviews
- contributing to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples

### English 12: First Peoples MEFP-12

*Recommended Prerequisites:* English 11

English 12 First Peoples is the academic equivalent of English 12 and provides opportunities for all students to engage with indigenous creative expression, and enter the worlds of First Peoples provincially, nationally, and internationally.

The course focuses on the

- experiences
- values
- beliefs,
- lived realities of First Peoples —including oral story, speech, poetry, dramatic work, dance, song, film, and prose (fiction and non-fiction).

*This course meets the Language Arts requirement for Grade 12.*

**Note – Composition 11 is not offered as it is incorporated into all of the English 11/12 courses.**

**Also – Any English 11 elective can be taken for grade 12 credit, provided it doesn't repeat the grade 11 credit and the student was successful in grade 11. For example: a student who may have taken English / Literary Studies 11 could take any other option for grade 12 credit.**

## French Immersion

### French Immersion Courses

*Recommended Prerequisites:* Elementary Immersion, Late Immersion, or Permission from the department. Students graduating from French Immersion will receive a special edition of the Dogwood (the Graduation Diploma), certifying they are fluently bilingual in both of Canada's official languages.

The French Immersion program at CSS is a continuation of the elementary and junior French Immersion Program. The program is conducted entirely in French, and gives students the unique opportunity to continue learning to express themselves, by refining their oral and written skills. The curricula follow the guidelines suggested by the BC Ministry of Education.

### For French Immersion/Francophone Dual Dogwood:

French Immersion students can earn both a British Columbia Certificate of Graduation (Dogwood Diploma) and a Diplôme de fin d'études secondaires en Colombie-Britannique.

To graduate with both diplomas, French Immersion students must meet the graduation requirements for the Dogwood Diploma and, of these 80 credits, they must earn:

- At least 16 credits at the Grade 12 level (including a Français langue seconde-immersion course at the Grade 12 level)
- Français langue seconde-immersion 10 (4 credits)
- A Français langue seconde-immersion course at the Grade 11 level (4 credits)
- Français langue seconde-immersion 12 (4 credits)
- At least 12 credits in Grade 10, 11, or 12 courses that are in French with at least 4 of these credits at the Grade 11 or 12 level

In addition, French Immersion students must also complete four Provincial Graduation Assessments, three in literacy and one in numeracy. (plus 4 assessments gr 10 Numeracy, gr 10 literacy, gr 12 literacy and evaluation de littératie de la 12 année – français langue seconde-immersion)

### FRAL 10 FFRAL10

*Recommended Prerequisites:* FRAL 9

The study of literature and the study of grammar are two important elements of this course, in which students are exposed to specific, advanced aspects of French grammar. As in previous years, oral communication in French occupies a paramount role in this course.

### FRAL 11 FLTST11

*Recommended Prerequisites:* FRAL 10

At this stage, students are required to master French as a means of communicating both orally and in written expression. Writing skills are further developed through the continuing, in-depth study of grammar. The study of literature remains an important element of this course.

### FRAL 12 FFRAL12 (Offered every other year, will not be available for 2021-2022 year)

*Recommended Prerequisites:* FFRAL 11

In this final year, students will encounter specific grammar elements, acquire advanced writing skills, and reinforce language concepts from previous years. This course offers in-depth literary study.

### **Social Studies 10 Immersion FSCH-10**

*Recommended Prerequisites:* Social Studies 9 Immersion: This course covers the same learning outcomes as Social Studies 10 but is taught in French.

### **Social Studies 11 Immersion FEPSS11**

*Recommended Prerequisites:* Social Studies 10 Immersion

This course covers the same learning outcomes as Social Studies 11 but is taught in French.

### **Drama Film & Television 11 Immersion FDFTF11**

*Recommended Prerequisites:* FRAL 9

This course covers the same learning outcomes as Drama Film & Television, but is taught entirely in French and focuses upon francophone films and media sources.

français

## Media Arts

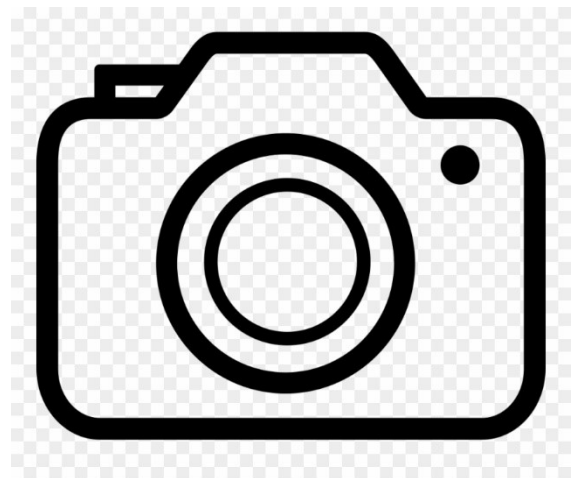
### Yearbook Production: Media Arts 10, 11 & 12 - MVA10, MVA11, MVA12

- elements and principles of design
- image development strategies
- media technologies • standards-compliant technology
- a variety of image sources and genres
- common terminology used in media arts
- materials, processes, and techniques of media arts
- media production skills: — pre-production — production — post-production
- symbols and metaphors • influences of visual culture in media arts
- local, national, global, and intercultural media artists and genres
- ethical, moral, and legal considerations associated with media arts technology
- moral rights, and the ethics of cultural appropriation and plagiarism
- health and safety protocols and procedures

This is a yearlong project-based course that is not driven by daily assignments, quizzes and tests. Attendance is critical for success in this course.

### Digital Photography 10 MVAPH10 (Digital)

- elements of visual art
- principles of composition
- image development strategies in photography
- materials, processes, techniques, and imagemaking technologies, used in one or more types of photography: — digital photography — darkroom photography — alternative photographic processes
- photo chemistry (if using film) or alternative chemical processes
- creative processes
- behaviours of light: — images formed by lenses and mirrors — effects of translucent, transparent, and opaque objects
- ways of sensing light: — optical instruments — parts and functions of cameras
- role of the photographer and viewer
- influence of visual culture in social and other media
- history of photography
- traditional and contemporary First Peoples worldviews, stories, and history as expressed through photography
- ethics of cultural appropriation and plagiarism



### Digital Photography 11 MVAPH11 (Digital)

- create photographic works using sensory inspiration, imagination, and inquiry
- explore photographic possibilities and cross-cultural perspectives
- take creative risks to express meaning, intent, and emotion through photography Intentionally select and combine materials, processes, and image-making technologies to convey ideas
- create photographic images for a specific audience

- develop and refine photographic skills and techniques related to a range of styles and genres
- demonstrate active engagement in creating photographic images and resolving creative challenges

### Photography 12 MVAPH12 (Digital)

- elements of visual art • principles of composition
- image development strategies in photography
- photographic materials, techniques, processes, and image-making technologies, used in one or more types of photography: — digital photography — darkroom photography — alternative photographic processes
- photographic chemistry (for film) or alternative chemical processes
- creative processes
- behaviours of light
- principles of light
- ways of sensing light: — optical instruments — parts and functions of cameras and accessories
- roles of and relationships between photographer and viewer
- symbols and metaphors in photography
- influences of visual culture in social and other media • innovative photographers from various historical, social, and cultural contexts
- history of photography
- traditional and contemporary First Peoples worldviews, stories, and history, as expressed through photography
- moral rights, and the ethics of cultural appropriation and plagiarism





## Visual Arts

### Visual Arts: 10: Drawing and Painting MVAD-10

*Recommended Prerequisites:* None

Students will explore techniques and imagery development in the areas of drawing and painting. This is an introductory course for Art Studio 11 & 12

### Art Studio 11 MVA11

The course builds on concepts taught in Art 10. Students will also be exploring and studying the works of past and contemporary artists.

Students will be encouraged to develop original visual images to express their ideas and feelings in a variety of mediums.

Course reviews the elements and principles of design and extensively covers the three basic areas of visual expression: drawing, painting, and sculpture.

### Art Studio 12 MVA12

This course will further expand on the content in Art Studio 11. Students will have skills in all curricular areas and have a good knowledge base in most art mediums. Students will be encouraged to objectively evaluate their work and the work of others. A portfolio of completed work must be submitted at the end of the course.



### Studio Arts: 2D MVAD-11

This course expands on the characteristics of line, tone, spatial effects and compositional strategies in drawing and painting. Students will extensively study: life drawing, still life drawing, perspective, colour theory, watercolour, acrylic, painting techniques. A portfolio of completed works must be submitted at the end of the course.

### Studio Arts: 2D MVAD-12

*This is a continuation and further development of the Studio 11.*

This is an advanced drawing and painting course for the serious art student. The course builds on concepts and techniques taught in Drawing and Painting 11. Students will be expected to work maturely and independently.

They will be expected to develop and explore a theme in their drawings and paintings throughout the course.

### Studio Arts 2D 10 Digital MVAD-10D

*Recommended Prerequisites:* None

This course is an introduction to digital drawing and painting techniques. Students will have opportunities to explore and experiment with an array of digital tools that both simulate and enhance traditional media. Students will gain an understanding of the elements and principles of design as well as developing the vocabulary unique to digital painting and drawing.

### Studio Arts 2D 11 Digital MVAD-11D

This course builds on concepts taught in Digital Art 10. Students will be encouraged to develop original visual images to express their ideas and feelings using a variety of styles and techniques. Topics will include enhanced line and tone, spatial effects, color theory, perspective, overlay, vectors, warping and animation.

### Studio Arts 2D 12 Digital MVAD-12D

This course will further expand on the content in Digital Art 11. Students will create work which addresses the criteria of the assignments in a way that is personal and expressive of one's individual artistic voice. Students will be encouraged to objectively evaluate their work and the work of others artists.

A portfolio of completed work must be submitted at the end of the course.

### Studio Arts: 3D MVAC-11

This course expands on sculpture and ceramic techniques taught in Art 10 and Art 11. Students will review basic hand building and pottery techniques as well as glazing, firing and painting procedures. Students will explore sculpting with soapstone, wood, styrofoam, wire, plastic and plaster. Contemporary and past master sculptors will be studied.

### Studio Arts: 3D MVAC-12

*Recommended Prerequisites:* SACS11 or AF11

This is an advanced ceramics and sculpture course. Students will be encouraged to develop an individual style in their work and will be pushed to explore and expand on techniques and concepts learned in Sculpture 11.

Students will be expected to exhibit their finished works in a student show and have a portfolio of photographed work completed by the end of the course.





## Home Economics

### [Foods and Nutrition](#) 10 MFOOD10

*Recommended Prerequisites:* None

Learn a valuable life skill! Learn to cook for yourself, your friends, and family. Students will practice the basic fundamentals of simple food preparation with particular attention to methods of preparation, theoretical principles, and nutrition.

Topics covered:

- safety and Sanitation
- baking (muffins, cupcakes, cakes, cookies, pastries, yeast breads)
- vegetables, Salads and Fruits
- meats and alternatives (beef, poultry)
- pasta and grains
- milk, cheese, and eggs
- thickeners (sauces, gravies)
- one dish meals (soups, casseroles)



The program starts with baked goods and works up to the preparation and cooking of complete breakfasts, lunches and dinners. There will be demonstrations, labs and written assignments in this course. Because this is a free, 'hands on' course, full of creating delicious foods, regular attendance is very important for success.

### [Food Studies](#) 11 MFOOD11

*Recommended Prerequisites:* No Prerequisite, but Foods 10 is recommended

Pastries! Cakes! Crepes! Quiche! Lasagna! And much more! This course provides a more advanced study into the principles and techniques of food management and preparation. Students will be exposed to a more varied type of cooking and are expected to apply theoretical knowledge of what they prepare.

Topics covered in this course include:

- baked products (quick breads, yeast dough, pastry, cakes, cookies)
- salads, fruits and vegetables
- buffets, homemade pasta, sauces & soups
- poultry & beef dishes
- cheese, eggs and milk
- specialty diets and eating disorders
- multicultural foods
- The Food Safe Level 1 Certification Course will be taught in this program for a fee of \$25.00

The program starts with baked goods and works up to the preparation and cooking of complete breakfasts, lunches and dinners. There are very few demonstrations in this course, so prior Foods experience is recommended. Because this is a free, 'hands on' course, full of creating delicious foods, regular attendance is very important for success!

### [Food Studies 12](#) MFOOD12

*Recommended Prerequisites:* No prerequisite, but Foods 10, Food Studies 11 or Culinary Arts 11 or 12 are highly recommended

Experience the preparation and tasting of International Cuisine as well as the techniques involved in Food Preservation! This course is for food enthusiasts who are eager to improve their food preparation skills and willing to experience and sample a wide range of foods. Students should be prepared to plan their own meals and choose their own recipes.

The major topics include:

- kitchen equipment usage
- food production, storage and transportation
- consumer skills and food budgeting
- spice experimentation
- specialty diets
- preservation and canning products
- appetizers
- international and cultural cuisine

Also included will be the preparation of foods for entertaining. Individual, teamwork and time management skills are stressed in this course. Because this is a free, 'hands on' course, full of creating delicious foods, regular attendance is very important for success.

### [Culinary Arts 11](#) MCUL-11

***Strongly Recommended Prerequisite:*** Food Studies 10 or 11

It says it in the name! If you like Food and Art, you're in luck! Learn how to plate your food like a pro.. Culinary Arts 11 will provide you with the opportunity to gain skills in food presentation for the many products that you will make! You will learn the elements and principles of design in relation to food. You will also work with:

- work with pastry edgings & toppings with cream and fruit pies
- create spice and condiment art
- sculpt yeast bread
- creative cookies
- prepare garnishes
- theme cakes & creative cupcakes
- present danish & phyllo pastries
- create homemade pasta and sauces
- Prepare and present several main course meals (breakfast, lunch, dinner)

Depending on the time of year, Gingerbread creations, Pumpkin Carvings, or Spring Food-Art projects will be covered. Learn the art of hot food presentation and plating as you improve your culinary skills! This course is considered a next step towards becoming a Chef, therefore an understanding of the basic concepts of food preparation is a requirement to be successful in this course. Individual, teamwork and time management skills are stressed in this course. Attendance is also critical for success in this course as it is a 'hands on' course!

## Culinary Arts 12 MCUL-12

**Strongly Recommended Prerequisite:** Food Studies 10 or 11, Culinary Arts 11

Culinary Arts 12 is an advanced level course that expands on the skills and knowledge of Culinary Arts 11. The course is designed to provide a broad base of cooking knowledge combined with hands-on experience to provide each student a confidence in attained skills, preparing the student to move successfully into a career in food service and hospitality. Students must be prepared to work independently.

The topics covered include:

- vocabulary assignment
- the art of seasonings
- stocks, sauces, sautéing, soups and seasonings
- salad and dressings
- international cuisine
- local traditional foods; moose stew, salmon, bannock
- fancy beverages
- creative dessert containers and special desserts
- homemade pastas
- tempting appetizers
- cake pops challenge
- cookies and quick breads
- plating assignments, stacks and layers

This course is considered the next step towards becoming a Chef, therefore an understanding of the basic concepts of food preparation is a requirement to be successful in this course. Individual, teamwork and time management skills are stressed in this course. Attendance is also critical for success in this course as it is a 'hands on' course!



## Engineering, Technology, Trades Education

All Engineering, Technology, and Trades courses in grade 11 & 12 have no prerequisites and are structured according to student abilities – INTRODUCTORY, INTERMEDIATE & ADVANCED. All grade 10 courses are INTRODUCTORY.

### Engineering 10 MTEG-10 (INTRODUCTORY)

*Recommended Prerequisite:* None

Students are expected to know the following:

- design opportunities
- Ohm's law
- electrical theory using parallel and series circuits
- breadboard circuitry
- production of simple circuits from schematic drawings
- electronic diagnostic and testing instruments
- function and application of components
- construction sequences involved in making a working circuit
- function and use of hand tools and operation of stationary equipment
- cases for enclosing a circuit
- sequences involved in making a functional robot
- robot elements
- block-based coding or logic-based programming for robotics
- programming platforms for robotics
- flow charts related to robotics behaviour



### Engineering 11 MENR-11 (INTRODUCTORY, INTERMEDIATE & ADVANCED)

*Recommended Prerequisites:* None

Students are expected to know the following:

- design for the life cycle
- history of manufacturing and production
- product development and manufacturing processes
- manufacturing to meet the needs of the end user
- sustainable production, upcycling, and product life cycle
- mathematics in engineering projects
- measurement techniques in engineering projects
- physics in engineering projects
- static analysis of structures
- use of hand tools and power tools
- programming languages for robotics and computer numerical control (CNC)
- methods of implementing computer control
- technical communications
- approaches to innovative engineering projects
- fundamentals of robotics and robotic manufacturing
- modelling and simulation

## [Engineering 12](#) MENR-12 (INTERMEDIATE & ADVANCED)

*Recommended Prerequisites:* Engineering 11 or CAD 11

- design for the life cycle
- mathematics in advanced engineering projects
- measurement techniques in advanced engineering projects
- advanced static analysis of structures: — stress-strain analysis — stress analysis software
- non-destructive testing and destructive testing
- materials science: — metals and alloys (metallurgy) — ceramics — plastics and polymers — composites
- geometric dimensioning and tolerances
- vibrations and seismic analysis
- programming languages and applications
- quality control methods
- physics in advanced engineering projects
- robotics and robotic manufacturing

## [Film Making 10, 11 & 12](#) MDFT-11 MDFT-12 (INTRODUCTORY, INTERMEDIATE & ADVANCED)

*Recommended Prerequisite:* Basic computer skills

Students are expected to know the following:

- moving-image elements, principles, vocabulary, industry terms, and symbols
- pre-production, production, and post-production strategies, techniques, and technologies acting skills and approaches
- roles and responsibilities of pre-production, production, and post-production personnel, as well as roles of artists and audiences
- historical, current, and emerging consumer and commercial moving-image formats and technologies
- contributions of innovative artists from a variety of genres and contexts
- traditional and contemporary First Peoples worldviews, history, and stories communicated through moving images
- structure, form, narrative, and genres of local, national, and intercultural cinematic traditions
- ethics and legal implications of moving-image distribution and sharing
- ethics of cultural appropriation and plagiarism
- health and safety protocols and procedures



### Robotics 10 and 11 MTEAR10, MTROB11 (INTRODUCTORY, INTERMEDIATE & ADVANCED)

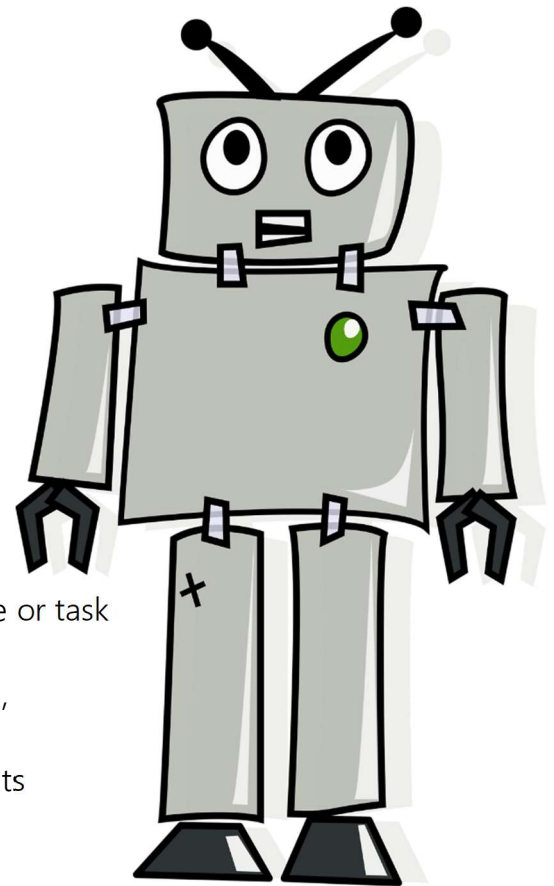
Students are expected to know the following:

- simple robotics design and production
- interaction of robotic subsystems
- relation of structure and power to motion
- relation of sensors and control to logic
- friction and traction
- power and torque
- developments in robotic technology
- robotic technologies in the community and industry
- similarities and differences between remotely controlled and autonomous robots
- programming related to microcontrollers
- design for the life cycle

### Robotics 12 MTROB12 (INTERMEDIATE & ADVANCED)

Students are expected to know the following:

- advanced robotics design and production
- sensors
- robotic technologies in industry, research, and education
- syntax language related to robotics
- flow charts, hierarchy charts, and data sheets with standard symbols
- feedback loops
- communication protocols
- battery technology
- wireless communication options
- wiring and cabling
- robotic systems working together to complete a challenge or task
- design for the life cycle
- future career options and opportunities in robotics design, production, and emerging applications interpersonal and consultation skills for interacting with colleagues and clients





## [Mechatronics 12](#) MTMEC12 (INTERMEDIATE & ADVANCED)

Students are expected to know the following:

- mechatronics design projects
- mechanical systems
- alternating and direct current
- electronic systems
- electro mechanics
- computer control systems
- mechanical drafting and design
- programmable logic controllers, processors, and microcontrollers
- displays, interfaces, and instrumentation
- hydraulic and pneumatic systems
- repeatability and load capacity
- industrial applications of mechatronics
- impact of artificial intelligence (AI) and singularity in society
- design for the life cycle
- future career options and opportunities in mechatronics
- interpersonal skills for interacting with colleagues and clients



## Automotive Technology

All Engineering, Technology Trades courses in grade 11 & 12 have no prerequisites and are structured according to student abilities – INTRODUCTORY, INTERMEDIATE & ADVANCED.

### Power Technology 10: Mechanics MTPOW10 (INTRODUCTORY)

*Recommended Prerequisites:* None

This course includes:

- theory of 2 and 4 stroke engines and engine repair
- basic engineering concepts are explored by building structures, mouse trap cars, and pop bottle rockets
- creative problem solving and design work is encouraged
- engine operations and theories are studied in detail
- practical - 50% - lab work repair and design work
- theory - 50% - engine parts and their functions

### Automotive Technology 11 MTAUT11 (INTRODUCTORY, INTERMEDIATE)

*Recommended Prerequisites:* None

This course will cover:

- shop safety
- tools
- basic car maintenance
- basic automotive electrical systems, braking systems and cooling systems
- the course will be divided between theory and hands-on practical work
- as this is a project-based course, it is expected that the student will be prepared to bring projects to work on

### Automotive Technology 12 MTAUT12 (INTERMEDIATE & ADVANCED)

*Recommended Prerequisites:* Automotive Technology 11

This course will cover:

- all aspects of Auto 11
- further focus on power train components, automotive electronics, and engines
- the course will be divided between theory and practical work
- topics in the course will be covered in greater detail
- as this is a project-based course, it is expected that the student will be prepared to bring projects to work on

### Automotive Technology 12: Engines and Drivetrains MTEAD12 (INTERMEDIATE & ADVANCED)

*Recommended Prerequisites:* Automotive Technology 12

This course will concentrate on:

- removal, disassembly, inspection and rebuilding of automotive engines
- drive trains including clutches, transmissions and differentials
- the course will be mostly practical work with applicable theory throughout
- as this is a project-based course, it is expected that the student will be prepared to bring projects to work on



## CAD: Computer Assisted Drafting & Design

All Engineering, Technology Trades courses in grade 10, 11 & 12 have no prerequisites and are structured according to student abilities – INTRODUCTORY, INTERMEDIATE & ADVANCED.

All Drafting courses introduce AutoCAD and Fusion 360 skills - 2D and 3D applications that may be used with our

- CNC Milling machine
- Laser Cutter
- Plasma Cutter
- 3D Printer

Students will benefit who are planning to enter a

- a. trade
- b. technical diploma programs
- c. engineering
- d. architecture

The main objective of CAD is to provide a combination of knowledge and "hands-on" skills that will prove valuable over a lifetime as well as opening doors to a variety of career options.

### Drafting and Design 10 MTDRF10 (INTRODUCTORY)

Students are expected to know the following:

- design opportunities
- drafting terminology
- drawing standards and conventions
- scales for different types of drawings
- drafting styles, including perspective, mechanical drafting, and architectural drawing
- modelling using computer-aided design (CAD) and computer-aided manufacturing (CAM) software
- coding for creating 3D representations of design solutions
- equipment and tools for manual and computer-aided drafting

This course is strongly recommended for all students planning to take senior shop electives.

### Drafting and Design 11 MDTRF11 (INTRODUCTORY, INTERMEDIATE & ADVANCED)

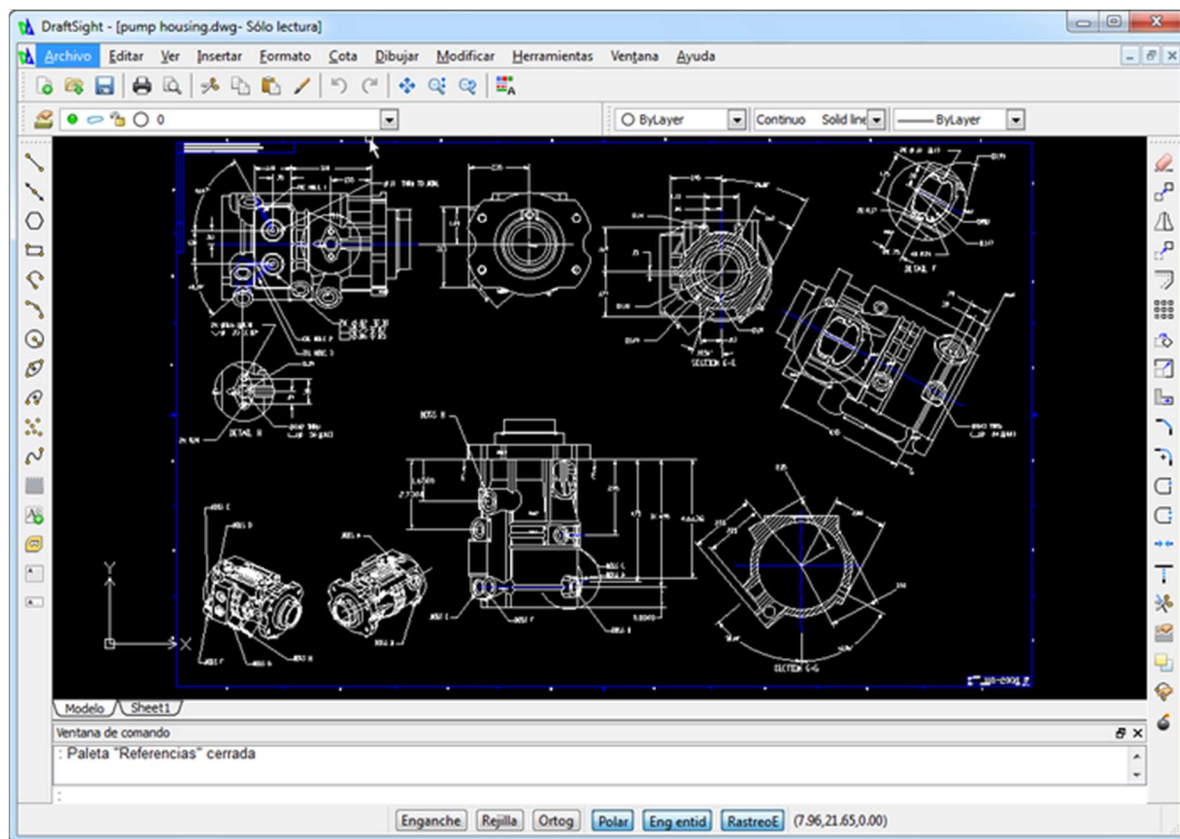
Students are expected to know the following:

- simple drafting design projects
- geometric construction to create drawings and images
- drawing management and problem solving using computer-assisted design (CAD) software
- use of scale and proportion when outputting to 3D models
- geometric dimensioning and tolerancing in both imperial and SI units
- types, sizes, and applications of drawing media
- applicable visual formats and media for presenting design solutions
- technical problem solving using geometry, trigonometry, and algebra
- design for the life cycle

## Drafting & Design 12 MDTRF12 (INTERMEDIATE & ADVANCED)

Students are expected to know the following:

- complex drafting design projects
- interrelationships among complex drawings
- preparation of detailed drawings
- components of working drawings
- computer-aided design (CAD) programs and other graphic software management
- modifying existing geometrical design using CAD software
- 3D modelling using advanced modelling techniques
- file conversion between CAD and other applications
- areas of drafting specialization
- design for the life cycle
- future career options in drafting design
- interpersonal and consultation skills to interact with clients
- ethics of cultural appropriation and plagiarism



## Metalwork

All Engineering, Technology Trades courses in grade 11 & 12 have no prerequisites and are structured according to student abilities – INTRODUCTORY, INTERMEDIATE & ADVANCED.

### Metalwork 10 MTMET10 (INTRODUCTORY)

*Recommended Prerequisites:* None

Metalwork 10 is recommended for students who want experience in machining and fabricating metals. Students use the oxyacetylene torch to both cut steel and to bronze weld steel assemblies. Students use the drill press, lathe, and milling Machine. Students must have a pair of coveralls.

### Metalwork 11 MTMET11 (INTERMEDIATE & ADVANCED)

*Recommended Prerequisites:* Metal 10

Students wishing only one metalwork course at the Grade 11 level should enroll in Metal Fabrication and Machining 11. For advanced level machining and fabricating, students must take two of the Grade Twelve level courses.

Students will complete projects such as: C-clamp, winch, or come along, and may begin projects such as Go-carts, if continuing in advanced level fabricating.

Metal Fabrication and Machining 11 is recommended for:

- students interested in technology and engineering fields
- students interested in becoming skilled tradespersons (mechanic, machinist, welder, millwright).
- anyone wanting to increase their level of knowledge and skill in the making and repair of equipment

Students must have a pair of coveralls.

### Metalwork 12 MTMET12 (INTERMEDIATE & ADVANCED)

*Recommended Prerequisites:* Metal Fabrication and Machining 11

Projects: (Students have some choice) Heavy duty steel vises, combination engine hoist and repair mount, wood lathe, 10" tilt arbor table saw, trailers (2 sizes), snowmobile trailers, furniture pieces, car ramps, weight bench, etc.

Shop work - safety is stressed in all operations and shop conduct

#### 1. Hand Operations:

- Includes a variety of skills and bench work
- Precision measurement, close tolerance work

#### 2. Machining:

- Drill Press, Lathe work, Shaper Operation
- Vertical and horizontal milling

#### 3. Welding:

- Arc Welding - stick and wire - flat position and vertical
- Oxy-Acetylene - cutting, welding, bronze welding c) Mig Welding, Tig Welding

These courses are qualifying courses for the Career Preparation Program, Metal Machining and Fabrication Students must have a pair of coveralls.

### Advanced Metal 12 Courses

- [Machining & Welding](#) 12MTMAW12
- [Art Metal & Jewellery](#) 12 MTMAW12

**NOTE:** Advanced Metal 12 courses are offered in second semester. Students must have successfully completed a first semester MTMET11 or MTMET12 course **IN THE SEMESTER PRECEDING THE ADVANCED METAL 12 COURSE.** First semester includes all the safety & classroom lessons, second semester depends on this learning to be completed and still fresh in the student's mind.

Advanced Metal 12 course provide additional class time which allows for the building of more complex machinery, and for further refining of skills. These courses provide a good insight into "real life" work in a machine shop or fabricating shop. Very little bookwork is done, with the emphasis on actual shop work. Students will build machinery such as: Utility trailers, Engine hoists, Table saws, Mini bush buggies, and Go-Karts. When building optional projects students may bring materials from home, or purchase from the school.



## Woodworking

All Engineering, Technology Trades courses in grade 11 & 12 have no prerequisites and are structured according to student abilities – INTRODUCTORY, INTERMEDIATE & ADVANCED.

There are no fees for basic Technology Education projects. Students wishing to do additional, larger projects or desire other wood species will be charged on the basis of materials used.

### Technology Education 10: Woodwork/ Skills Exploration 10 MWWK-10 (INTRODUCTORY)

Project examples: Fishing rod rack, Nesting tables, Work chest, Roll top breadbox, lathed bowls, Powder surfer, Cedar paddles.

Topics in this course include:

- safety of machines and hand tools.
- literacy in measuring systems.
- ecological responsibility and understanding
- development of manufacturing techniques and skills
- project design and development of problem solving skills through the building of projects
- accurate reading of project plans

Students will be charged for all additional materials used in projects.

Costs will vary depending on the species of wood and quantity used.

### First Nations Applied Art MTEW-10FN (INTRODUCTORY)

*Recommended Prerequisites:* Students must be interested in First Nations Artistic Woodworking

Topics in this course include:

- wood as a medium of expression
- study of First Nations legendary art forms
- the course may include making, carving and painting: Wooden bowls Totem Poles Canoes, Ceremonial Paddles, Wooden Boxes
- a variety of other wooden objects

All students are welcome.

Students will be charged for all additional materials used in projects.

Costs will vary depending on the species of wood and quantity used

### Woodwork MWWK-11 (INTERMEDIATE & ADVANCED)

*Recommended Prerequisites:* Wood Products 9/10

Project examples: Coffee table, Chest of drawers, Paddles, Jewelry cases, Book cases, Cedar/oak chest, Powder surfer.

Topics in this course include:

- safety of machines and hand tools
- literacy in measuring systems and accuracy in reading of project plans
- ecological responsibility and understanding
- development of manufacturing techniques and skills
- project design and development of problem solving skills through the building of projects
- development of finishing skills

Students will be charged for all additional materials used in projects.

Costs will vary depending on the species of wood and quantity used.

### Woodwork MWWK-12 (INTERMEDIATE & ADVANCED)

*Recommended Prerequisites:* Woodwork MWWK-11

Project examples: Roll top desks, Dining Room furniture, Entertainment centers, Paddles, Powder surfer.

Topics in this course include:

- safety of machines and hand tools
- literacy in measuring systems and accuracy in reading of project plans
- ecological responsibility and understanding
- development of woodworking techniques and skills to a higher level
- project design and development of problem solving skills through the building of projects
- development of finishing skills
- Students will be charged for all additional materials used in projects.

Costs will vary depending on the species of wood and quantity used.

### Woodwork MWWK-12B (INTERMEDIATE & ADVANCED)

*Recommended Prerequisites:* Woodwork MWWK-11 or 12

Examples of projects taken on as a class: Garden sheds, Gazebos, Green houses, Carports, Aviaries, Cabins.

Topics in this course include:

- safety of machines and hand tools
- literacy in measuring systems and accuracy in reading of project plans
- introduction to BC Building Code
- materials, methods and techniques of House Construction
- site preparation and foundations
- general framing (walls, floors roof etc.)
- introduction to plumbing and Electrical
- interior finishing, exterior finishing

Materials for projects are purchased by the customers for whom the project is built.



### Carpentry & Joinery 12 Advanced Furniture Construction MCJF-12 (INTERMEDIATE & ADVANCED)

*Recommended Prerequisites:* Woodwork MWWK-12 Topics in this course include:

- safety of machines and hand tools
- major project development
- development of woodworking techniques and skills to a very higher level
- project design and development of problem solving skills through the building of a major project
- development of finishing skills

Students will be charged for all additional materials used in projects.

Costs will vary depending on the species of wood and quantity used.



## Languages

### French 10 MFR-- 10

*Recommended Prerequisites:* None

In French 10 the students will:

- strengthen knowledge of past, present, and future verb tenses;
- begin narrative that is more complex writing
- participate in listening and speaking activities
- Learn about culture

### French 11 MFR- -11

*Recommended Prerequisites:* French 10

In French 11 students will:

- continue to develop skills in speaking and listening begun in previous years
- strengthen and expand their control of French grammatical structure
- increase vocabulary and the general ability to read and write French
- continue the study of francophone cultures as the courses are taught by a teacher who has lived and studied in Québec

### French 12 MFR --12

*Recommended Prerequisites:* French 11

French 12 will make a great impression on university and scholarship applications as well as resumes. This is an advanced course in French which synthesizes and builds on skills acquired in previous years. Although not yet bilingual, at the end of this course you will be able to communicate in French. French 12 satisfies the Language requirement for Arts programs at Post-secondary institutions.

Culture, travel and food are some of the main topics in this course.

### Spanish 10 MSP- -10

A fluent teacher, who studied modern languages at UBC Vancouver teaches Spanish 10. This course uses various resource materials. Written and oral work will help you build your vocabulary and understanding of Spanish grammar and culture. Some topics you will learn about are: Spanish culture, food, sports, past times and traveling.

### Spanish 11 MSP- -11

*Recommended Prerequisites:* Spanish 10

This is an academic course in Spanish. Students continue to build vocabulary while expanding their knowledge of Spanish structure and practicing putting previous and new knowledge together through games, songs and grammar. By the end of Spanish 11, you will have a solid working knowledge of Spanish. Examples of topics covered are: South America, Central and European Spanish culture, sports and food. Spanish 11 satisfies the language requirement for Arts programs, such as teaching, law, and business at Post-secondary institutions including UBC, SFU, UNBC, Alberta, and TRU.



## Spanish 12 MSP- -12

*Recommended Prerequisites:* Spanish 11

Spanish 12 is an accepted language for all universities in Canada, scholarship applications, as well as resumes. Although not yet bilingual, at the end of the course you will be able to communicate in Spanish. Spanish 12 satisfies the language requirement for Arts programs, such as teaching, law, and business at Post-secondary institutions.

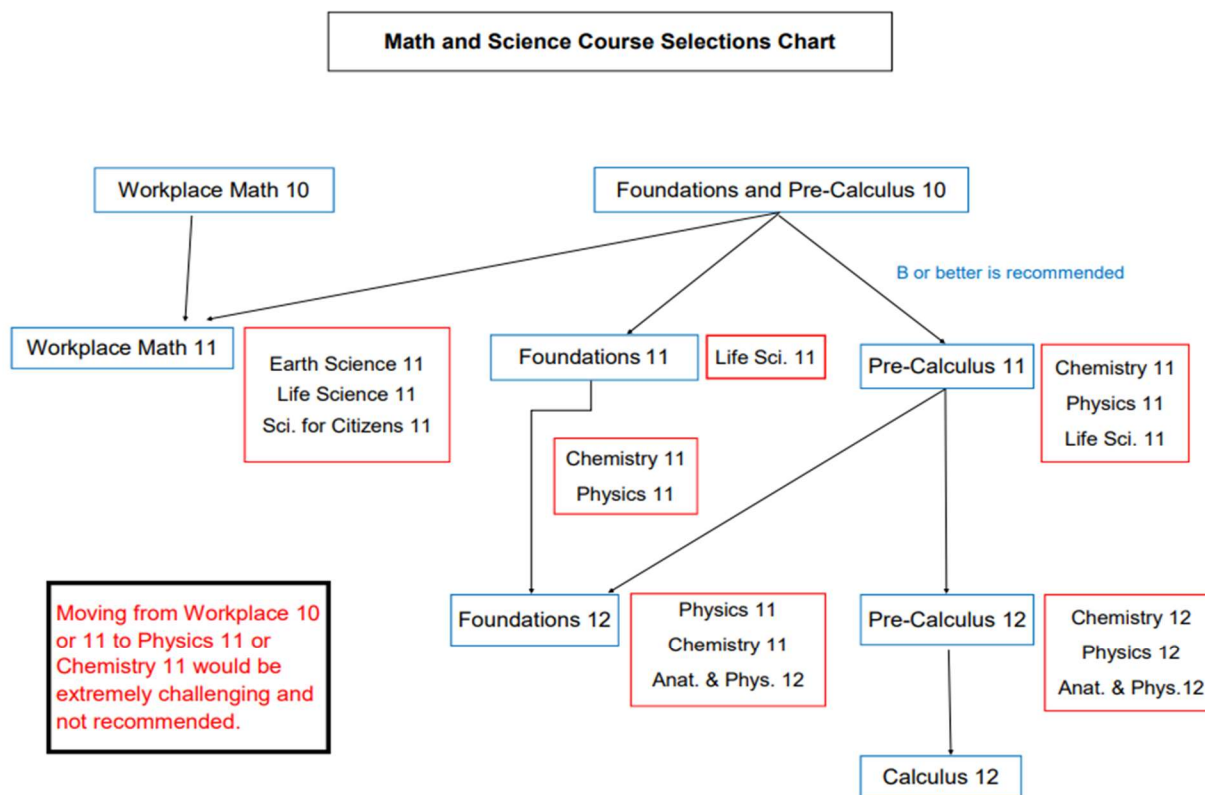
## Russian 10

*Recommended Prerequisites:* None

In Russian 10 the students will:

- learn the Cyrillic alphabet
- acquire basic vocabulary about the self, family, home, school etc
- begin basic sentence structure
- participate in listening and speaking activities
- study Russian through Duo-lingo, various other digital platforms and in class group work and projects





## Workplace Mathematics Pathway for Grades 10 & 11

This pathway is designed to provide students with the mathematical understanding and critical thinking skills identified for direct entry into the work force.

### Workplace Math 10 MWPM-10

*Recommended Prerequisite:* Math 9

Topics in this course include:

- unit pricing and currency exchange
- earning an income – financial literacy
- length, area and volume
- mass, temperature and volume, angles and parallel lines, similarity of figures, trigonometry of right triangles

Problem solving will be integrated throughout. A scientific calculator is required.

### Workplace Math 11 MWPM-11

*Recommended Prerequisite:* Apprenticeship and Workplace Math 10

Topics in this course include:

- slope and rate of change graphical representations
- surface area, volume and capacity
- trigonometry of right triangles
- scale representations
- financial literacy and personal budgets

Problem solving will be integrated throughout. A scientific calculator is required.

### Foundations of Math and Pre-Calculus Pathways for Grades 10, 11 & 12

These pathways are designed to provide students with the mathematical understandings and critical thinking skills identified for post-secondary studies

- foundations math is for entrance into programs that do not require the study of theoretical calculus
- pre-calculus math is for entrance into programs that do require the study of theoretical calculus

### Foundations of Math and Pre-Calculus 10 MFMP-10

This is a common course designed for all students planning to go on into post-secondary education.

*Recommended Prerequisite:* Math 9 (Final Letter Grade C+ or better)

Topics in this course include:

- trigonometry of Right Triangles
- factors and products
- roots and powers
- relations, functions and linear functions
- systems of linear equations
- financial literacy
- arithmetic sequences and series

Problem solving will be integrated throughout. A scientific Calculator is required.

### Foundations of Math 11 MFOM-11

*Recommended Prerequisite:* Foundations and Pre-Calculus 10

Topics in this course include:

- application of rates
- geometrical Proofs and Puzzles
- mathematical reasoning
- systems of linear inequalities
- quadratic functions
- statistics

Problem solving will be integrated throughout. A scientific calculator is required.

### Foundations of Math 12 MFOM-12

*Recommended Prerequisite:* Foundations 11 (Final Letter Grade C+ or better)

Topics in this course include:

- logic and set theory
- personal finances
- combinations and probability
- sinusoidal functions
- logarithmic functions
- exponential functions

Problem solving will be integrated throughout. A scientific calculator is required.

### Pre-Calculus Math 11 MPREC11

*Recommended Prerequisite:* Foundations and Pre-Calculus 10 (C+ or better)

Topics in this course include:

- absolute value
- radicals and radical expressions
- rational equations
- quadratic functions
- systems of equations and in equations
- sine and cosine laws
- Financial Literacy

Problem solving will be integrated throughout. A scientific calculator is required.

### Pre-Calculus Math 12 MPREC12

*Recommended Prerequisites:* Pre-Calculus 11 (C+ or better)

Topics in this course include:

- operations of and composition of functions
- higher degree polynomial functions
- transformations
- logarithms
- trigonometry – functions and graphs
- trigonometry – equations and identities

Problem solving will be integrated throughout. A scientific calculator is required.

### Calculus 12 MCALC12

*Recommended Prerequisite:* Pre-Calculus 12 (Final letter grade of C+ or better).

May take PC12 concurrently upon recommendation of the Mathematics Department.

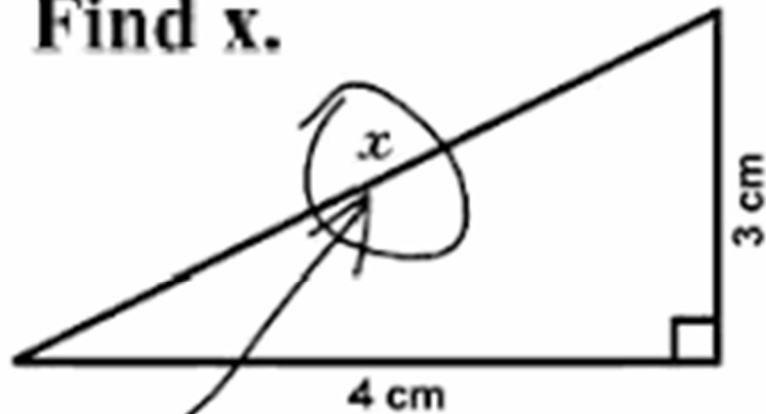
This course is an introduction to the concepts of Calculus.

The topics to be studied include:

- limits
- differentiation, including implicit differentiation and higher order derivatives
- applications of derivatives, including rate of change problems
- differential Equations,
- areas under and between curves
- an introduction to integrals, the substitution rule and the fundamental theorem of calculus.

The course is meant to be a thorough preparation for first year university calculus. Research shows that students that have taken high school Calculus have a much higher success rate in first year university Calculus courses. Any students planning on taking science or business courses as part of their post-secondary education are strongly advised to take this course. A scientific calculator is required, graphing calculators are permitted.

**Find  $x$ .**



*Here it is*

## Music

The Music Department provides students with leadership and musicianship development in instrumental and vocal areas of study.

For Band courses students will be involved in choosing which instrument(s) they would like to play in consultation with the music teacher.

### Instrumental Music 10: Concert Band 10    MMUCB10

*Recommended Prerequisites:* Band 9 or teacher approval:

This course is an opportunity to develop musically in a project based, team centered Concert Band ensemble. Students will:

- learn techniques specific to individual instruments, brass, woodwinds, percussion, etc.
- use creative processes combined with teamwork skills to problem solve
- discover cross-cultural perspectives, as communicated through music
- explore music history through performing a variety of songs – from modern movie themes to classic
- use technology to create musical compositions
- create community connections through public performances

### Instrumental Music 11: Concert Band 11    MIMCB11

*Recommended Prerequisites:* Band 10 or teacher approval:

- Band 11 is an extension of the skills developed in Band 10 with a focus on more advanced music and techniques.

### Instrumental Music 12: Concert Band 12    MIMCB12

*Recommended Prerequisites:* Band 11 or teacher approval:

- Band 12 is a further extension of the skills developed in Band 11 with a focus on more advanced music
- opportunities for directing the ensemble

### Jazz Band 10    MMUJB10    -    *X BLOCK*

*Recommended Co-requisite:* Band course of same grade level or instructor's approval

This year-long course runs two days after school to offer music students an enriched performance program introducing the Jazz Band genre to its members in the "Big Band" setting. This course is a team centered process that:

- focuses on music in the jazz, funk, rock, and swing styles
- includes a variety of performance opportunities
- encourages improvisation and taking creative risks
- unlocks the mysteries of Jazz theory and chord/scale relationships
- explores vocal and instrumental jazz style, interpretation, and stagecraft
- includes roles for vocalists, guitarists and keyboards

**Note:** This course will be offered outside the regular timetable as an X -block.

**Jazz Band 11**    MIMJB11    -    *X BLOCK*

*Recommended Co-requisite:* Band course of same grade level or instructor's approval

- Jazz Band 11 is an extension of the skills developed in Jazz Band 10.

**Note:** This course will be offered outside the regular timetable.

**Jazz Band 12**    MIMJB12    -    *X BLOCK*

*Recommended Co-requisite:* Band course of same grade level or instructor's approval

- Jazz Band 12 is a further extension of the skills developed in Jazz Band 11 with a greater focus on improvisation and arranging.

**Note:** This course will be offered outside the regular timetable.

**Instrumental Music 10: Guitar 10**    MMUGT10

*Recommended Prerequisites:* None

This course is an introduction and exploration of various guitar techniques, styles and songs.

Through independent and project work students will develop skills in:

- chording, flatpicking and fingerpicking techniques
- a variety of song styles including pop, rock, blues, country and classical
- barre chords and altered tunings
- building confidence with other musicians in a group setting
- guitar technology and maintenance
- knowledge of scales and guitar soloing technique
- TABs, practical music theory and note reading
- how to arrange music and song writing
- exploring traditional and contemporary First Peoples worldviews, stories, and history as expressed through music

Other stringed instruments are also welcome (ie. Bass guitar, ukulele, etc.)

**Instrumental Music 11: Guitar 11**    MIMG-11

*Recommended Prerequisites:* None

- This is further development of skills learned in Instrumental Music: Guitar 10

**Instrumental Music 12: Guitar 12**    MIMG-12

*Recommended Prerequisites:* None

- This is an extension of skills learned in Instrumental Music: Guitar 11, with a focus on more advanced techniques and song choices.



### Choral Music : Concert Choir 10 MMUCC10

*Recommended Prerequisites:* None

Do you love to sing? Choir 10 is an introduction to the joy of singing in a group setting. Choir will be open to all students and previous singing experience is not necessary. In Choir 10 students will:

- learn healthy vocal techniques to build your voice and strengthen your confidence
- learn to hear and sing harmonies within an ensemble
- explore many musical styles – pop, traditional, folk, classical and jazz
- have opportunities to present their work in large ensemble, small ensemble, and solo contexts
- build knowledge of musical elements – pitch, rhythm and harmony
- exploring traditional and contemporary First Peoples worldviews, stories, and history as expressed through song

### Choral Music: Concert Choir 11 MCMCC11

Choir 11 is a continuation of Choir 10. Students will further develop their vocal techniques and study of more advanced repertoire.

### Choral Music: Concert Choir 12 MCMCC12

Choir 12 is a continuation of Choir 11. Students will further develop their vocal techniques and study of more advanced repertoire. There are opportunities for directing the choir.

### Musical Theatre 10, 11 & 12 MMUTH10, MMUTH11, MMUTH12 – X BLOCK

*Recommended Prerequisites:* Open to all students. This course is for the student that is interested in Musical Theatre – both on stage and “behind the scenes”.

- Students will have the opportunity to rehearse, perform, direct, and choreograph through the active participation in the production of a Broadway style musical
- Develop performance techniques specific to the musical theatre disciplines of drama, music, and dance
- experience the interplay of movement, sound, and emotion in role interpretation
- explore and create musical theatre collaboratively, using imagination, observation, and inquiry
- opportunities to learn and develop stage management, light/sound tech or props management
- **Note:** This course will be offered outside the regular timetable as an X - block



## Physical Education

All Grade 10 students must take a regular physical and health education 10 class. Grade 11 and 12 students may choose as an elective Active Living 11 or 12, and/or sport specific classes. Basketball and Volleyball will only be offered to Grade 11 and 12 students and select Grade 10 students based on department approval and program availability.

**Note:** Every student must have 150 minutes of physical activity per week during Grades 11 and 12. Taking a Physical Education course will contribute towards satisfying this requirement.

### Physical and Health Education MCLE-10 & MPHED10

Activities may include: Basketball, Soccer, Football, Fitness, Lacrosse/Ultimate, Tennis, Volleyball, Badminton, Minor Games and Softball. This course will also include material related to healthy and active living with a focus on the relationships between physical activities, mental well-being, and overall health. Gym strip is required.

**This course meets the requirements for graduation.**

### Active Living 11 & 12 MACLV11 & MACLV12

*Recommended Prerequisites:* None

The course concentrates on movement categories which encompass lifetime fitness including cardiovascular fitness, strength training, and sports with a focus on leadership and community involvement. Activities will be determined by the skill of students, availability of resources and facilities, and discretion of instructor. Gym Strip is required.

### Active Living 11 & 12: Basketball MACLV11BB & MACLV12BB

*Recommended Prerequisites:* This course may only be taken twice.

The Basketball Program is designed to develop fundamental skills such as shooting, passing, defense, and team offense. The primary goal is to offer students the opportunity to focus on their personal development and learn more about basketball theory. Gym strip, and court shoes are required.

### Active Living 11 & 12: Volleyball MACLV11VB & MACLV12VB

*Recommended Prerequisites:* This course may only be taken twice. During Term 1 students will focus on fitness and jump training. During Term 2, students will focus on fundamental team and individual skill development. This course is typically offered in the first semester to coincide with the volleyball season. Basic athletic skills will also be introduced. Gym strip and court shoes are required.

### Outdoor Education 11&12 MODED11 & MODED12 - X BLOCK

*Recommended Prerequisites:* Instructor's Approval (See Instructor for an Application Form)

A full year course taught outside of the timetable (before and after school, and some weekends)

The course content may include:

Snowshoeing; Cross-country skiing; General Camping skills; Backpacking; Canoeing; Sport climbing; Belay certification; Challenge run; Multi-day trip preparation; Wilderness survival; Avalanche awareness; Leave no trace; Clothing selection; Food selection; First-aid; Map, compass and GPS use; Animal awareness and Safety; Environmental appreciation; and the Interpersonal skills associated with a course of this nature. Due to the nature of this course, student enrollment is based on:

- suitable level of health and fitness
- the ability to work cooperatively and dependably within a group in a responsible and mature manner
- the ability to follow specific directions to ensure the safety of yourself and the group
- an excellent record of attendance in all classes and adequate academic success to allow for missed class time
- no use of Drugs, Alcohol, or Tobacco products

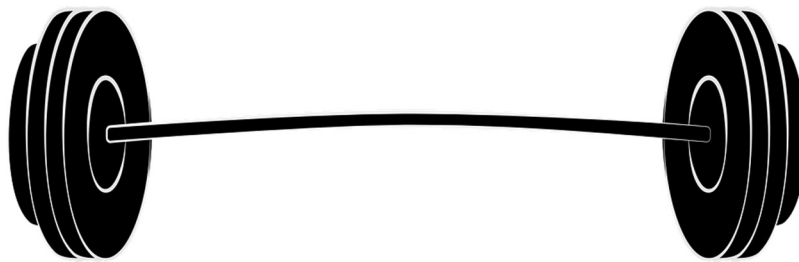
**Note:** A student may be asked to leave the course, if at any time they are unable to satisfy any of these requirements

The instructor has a list of recommended equipment.

**Note:** Outdoor Education 12 fulfills the Applied Skills requirement for Graduation. This course is considered an "X" Block course and will be taught outside of regular timetable.

### Fitness and Conditioning 11 & 12 MFTCD11 & MFTCD12

This course is designed to help students maintain or enhance their fitness level through a variety of activities at different intensity levels. It may include developing a personalized fitness program and participating in physical activities designed to increase confidence and encourage lifelong participation. By following proper training guidelines and techniques and making healthy choices this course can help students reach their individual health and fitness goals.



## Science

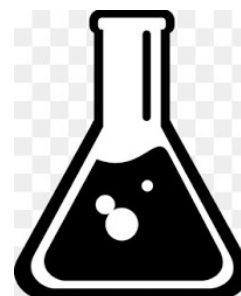
All students will take Science 10 and one Grade 11 science course as part of their graduation requirements. Senior science courses offered are Science for Citizens 11, Earth Science 11, Life Sciences 11, Anatomy & Physiology 12, Chemistry 11, Chemistry 12, Physics 11, and Physics 12. Many students will take 2 or more Grade 11 and 12 science courses depending on their interests and requirements for post-secondary schools.

### Science 10 MSC--10

*Recommended Prerequisites: Science 9*

The big ideas of Science 10 are:

- DNA is the basis for the diversity of living things.
- Energy change is required as atoms rearrange in chemical processes.
- Energy is conserved, and its transformation can affect living things and the environment.
- The formation of the universe can be explained by the big bang theory.



### Earth Science 11 MESC-11

The big ideas of Earth Science 11 are:

- earth materials are changed as they cycle through the geosphere and are used as resources, with economic and environmental implications.
- plate tectonic theory explains the consequences of tectonic plate interactions.
- the transfer of energy through the atmosphere creates weather, and this transfer is affected by climate change.
- the distribution of water has a major influence on weather and climate.
- astronomy seeks to explain the origin and interactions of Earth and its solar system.

### Life Sciences 11 MLFSC11

*Recommended Prerequisites: Recommended C+ or better in Science 10.*

The big ideas of Life Sciences 11 are:

- life is a result of interactions at the molecular and cellular levels
- evolution occurs at the population level
- organisms are grouped based on common characteristics

### Science For Citizens 11 MSCCT11

Science for Citizens 11 prepares students for science in the work place and focuses on real-world, practical applications of science. Science for Citizens is a new course that **meets** the Science 11 graduation requirement, it **may not be** recognized by post-secondary schools as a science credit. The big ideas of Science for Citizens 11 are:

- Scientific processes and knowledge inform our decisions and impact our daily lives (*possible topics include: personal and public health practices, science technologies, forensics*).
- Scientific knowledge can be used to develop procedures, techniques, and technologies that have implications for places of employment (*possible topics include: personal safety at home and at work, applications of materials science*)
- Scientific understanding enables humans to respond and adapt to changes locally and globally (*possible topics include: weather and climate, sustainability*).

### Anatomy & Physiology 12 MATPH12

*Recommended Prerequisites: A C+ or higher grade in Biology 11 and Chemistry 11.*

The big ideas of Anatomy & Physiology 11 are:

- homeostasis is maintained through physiological processes
- gene expression, through protein synthesis, is an interaction between genes and the environment
- organ systems have complex interrelationships to maintain homeostasis

### Chemistry 11 MCH--11

*Recommended Prerequisites: A C+ or higher grade in both Science 10 and Foundations of Mathematics & Precalculus 10.*

The big ideas of Chemistry 11 are:

- atoms and molecules are building blocks of matter
- organic chemistry and its applications have significant implications for human health, society, and the environment
- the mole is a quantity used to make atoms and molecules measureable
- matter and energy are conserved in chemical reactions
- solubility within a solution is determined by the nature of the solute and the solvent

### Chemistry 12 MCH--12

*Recommended Prerequisites: A C+ or higher grade in both Chemistry 11 and Precalculus 11.*

The big ideas of Chemistry 12 are:

- reactants must collide to react, and reaction rate is depends on the surrounding conditions
- dynamic equilibrium can be shifted by changes to the surrounding conditions
- saturated solutions are systems in equilibrium
- acid or base strength depends on the degree of ion dissociation
- oxidation and reduction are complementary processes that involve the gain or loss of electrons

### Physics 11 MPH- -11

*Recommended Prerequisites: A C+ or higher grade in both Science 10 and Foundations of Mathematics & Pre-calculus 10.*

The big ideas of Physics 11 are:

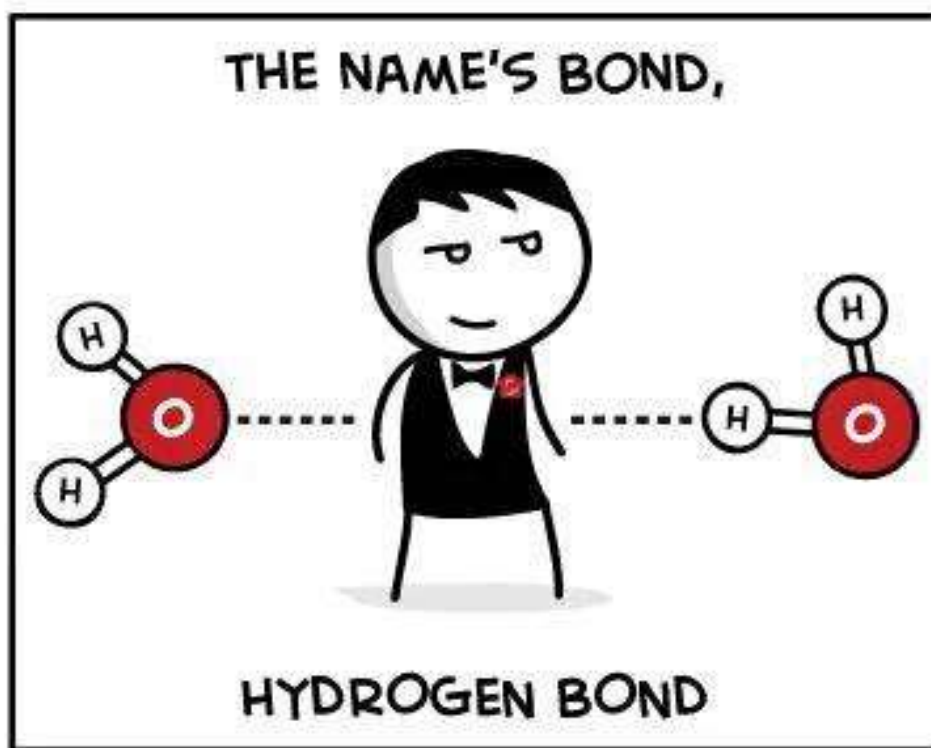
- an object's motion can be predicted, analyzed, and described
- forces influence the motion of an object
- energy is found in different forms, is conserved, and has the ability to do work
- mechanical waves transfer energy but not matter

### Physics 12 MPH--12

*Recommended Prerequisites: A C+ or higher grade in both Physics 11 and Precalculus 11. Precalculus 12 is recommended as a co-requisite.*

The big ideas of Physics 12 are:

- measurement of motion depends on our frame of reference
- forces can cause linear and circular motion
- forces and energy interactions occur within fields
- momentum is conserved within a closed and isolated system





## Social Science

### Psychology 11 YPSYC1A

*Recommended Prerequisites:* None

*Does not count as an upper level Social Studies credit but does count for 4 credits*

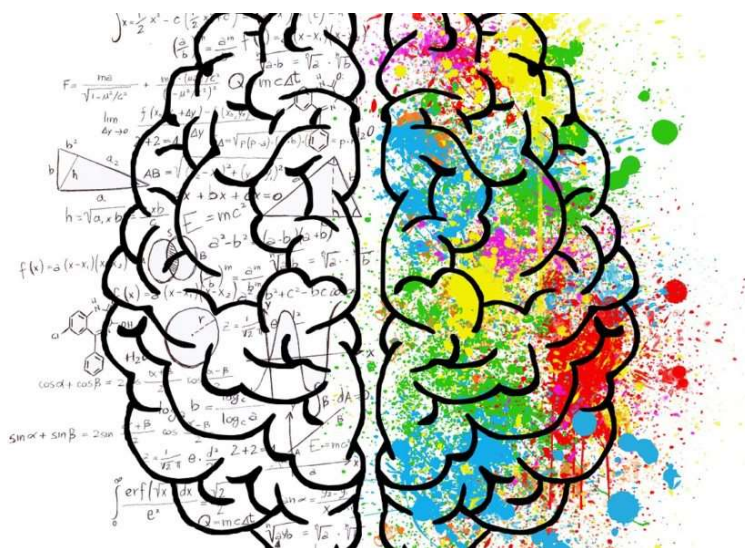
Psychology is the study of human behaviour.

Careers in Psychology: medicine and health, nursing, social work, teaching, counseling, police work, law, or business.

There will be some project work, field trips and guest speakers.

Topics include:

- history of psychology
- careers in psychology
- learning and research methods
- memory
- brain physiology and Function
- sensation & perception personality
- sleep & dreams
- conflict & stress
- intelligence
- abnormal psychology
- disorders and diseases
- sexuality
- developmental psychology
- elder care
- famous psychologists and their theories
- first people's health approaches





## Social Studies

### Social Studies 10 MSS--10

*Recommended Prerequisites:* Social Studies 9

**Note: This course is required for Graduation.**

This course examines:

- Development, structure, and function of Canadian and other political institutions, including First Peoples governance
- Political and economic ideologies and the development of public policy
- changing conceptions of identity in Canada
- Canadian autonomy
- Domestic conflict and co-operation
- Discriminatory policies and injustices in Canada and the world, such as the Head Tax, the Komagata Maru incident, residential schools, and internments
- International conflicts and co-operation
- Human–environment interaction
- Economic development and Canada’s role in a global economy
- Truth and reconciliation in Canada

### Explorations in Social Studies 11 MEPSS11

*Recommended Prerequisites:* Social Studies 10 **Note: This course meets the requirements for Graduation.**

This class includes a variety of themes and issues from all fields in Social Studies.

Content includes:

- social, cultural, or technological innovations in the 20th: **history**
- issues for indigenous people in Canada and around the world: **indigenous studies**
- Current issues: **political studies**
- natural resource use: **human geography**
- global cultures: **comparative cultures**
- rights in Canada: **law**
- methods in social justice: **Social Justice**
- sacred texts, traditions, and narratives of cultures: **World Religions**
- responses to genocide: **Genocide Studies**
- issues in urbanization: **Urban Studies**

### Explorations En Sciences Humaines Et Sociales 11 FEPSS11

*Recommended Prerequisites:* Social Studies 10 Immersion :

This course covers the same learning outcomes as Social Studies 11 but **is taught in French**.

- third World Studies, (Geography)
- human Geography
- Canada's government, Canada and world war 1
- the inter-war years
- Canada and world war 2
- Post War Canada
- current events

### BC First Peoples 12 MBCFP12

*Recommended Prerequisites:* SS10

The study of the history, culture and literature/art of the native people in Canada in 4 units.

**Careers in Indigenous Studies: law, band chief, archeology, anthropology, teacher, police, social work**

- carrier history, language and culture
- metis history & culture, overview of North American tribal areas
- impact of residential schooling and missionary activity
- art/literature - traditional art (totems, petroglyphs, masks), media portrayal (older movies vs. current ones)
- first nations Literature including folk tales and modern stories

### Comparative Cultures 12 MCMCL12

*Recommended Prerequisites:* SS10

**Note: This course meets the requirements for Graduation.**

This course is a study of the inter-relationships among art, culture and civilization. It will examine key beliefs and values of cultures over time through hands on approach.

**Careers in Cultural Studies: Arts, Social Work, Language Studies, Film, Theatre, Music, Public Service, Teaching**

**Note: This course meets the requirements for Graduation.**

Areas of study:

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>• art</li><li>• origins of Civilization</li><li>• myth and early religion</li><li>• monuments of Civilization</li><li>• fashion</li><li>• culture</li><li>• technology</li></ul> | <ul style="list-style-type: none"><li>• philosophy</li><li>• food</li><li>• music</li></ul> |
|--|---|

Cultures examined include:

- early Humans
- India
- China
- Mayan
- Aztecs
- Greek
- Roman
- modern Society- pop culture/satire

## [Geography 12](#) MPGEO12

*Recommended Prerequisites: SS10*

**Note:** This course meets the requirements for Graduation.

This course is **University Transferable** and introduces students to a range of Geography with emphasis on physical and human approaches. Geography is ideal for students interested in Environmental studies, forestry, Humanities and Global Issues. This thought provoking course not only helps students understand their world better but is a stepping stone to dozens of careers.

**Careers in Geography:** Forestry, Urban Planning, Education, Business, Environmental Consultant, Ecologist, Health Services, Meteorologist, Oil/Gas Industry, Real-estate

This course is split into 2 parts.

The world around you:

- atmosphere: climate, weather
- earth's surface :Geomorphology, glaciers, river systems, plate tectonics
- biosphere: Biomes, energy, environment
- topographic Maps

Humans Impact on the Environment:

- climate change
- acid precipitation
- ozone depletion
- over population
- sewage treatments
- problems with landfills, mining, forestry, and fishing.



## History 12 MWH--12

*Prerequisites:* SS 10

**Note: This course meets the requirements for Graduation.**

This is an in-depth study of the world of the 20th century with particular emphasis on Europe and Asia.

A variety of strategies are used in this course including: Role play, Debates, Small group discussions, Oral presentations.

We will be exploring and employing the Big Six Historical concepts.

**Career options in History: teaching, political science, law, journalism, curator, international studies, commerce, diplomacy, CSIS**

Particular emphasis in the course includes:

- the Paris Peace Conference of 1919
- failure of the League of Nations
- the Russian Revolution
- the rise of the dictators: Mussolini, Stalin and Hitler
- causes of World War II
- Europe and Asia theatres of war
- Europe / Pacific
- nuclear war and weapons
- the Cold War Conflicts (Berlin, Korea, Cuba, Vietnam, the Middle East)
- the United Nations
- the Middle East (creation of Israel and wars with Palestine, Iran-Iraq war, Gulf War, 9/11 and Al Qaeda, USA led invasions, Syria, and ISIS)
- end of the Cold War
- towards a United Europe
- post Cold War: New World Order 1989-2018 (NATO and the new Russia under Putin)
- Present and future conflicts and issues (Trump's USA and its implications)



**Law 12 MLST-12***Recommended Prerequisites: SS10***Note: This course meets the requirements for Graduation.**

This is a survey course of law in Canada. This academic course is suited to students interested in pursuing a career in law and for general knowledge about the Canadian legal system, including the Charter of Rights and Freedoms and the treatment of and laws surrounding First Peoples.

**Careers in Law:** policing, corrections, probation and parole officer, sheriff, legal secretary, lawyer, judge, court clerk, band Chief, private detective, security, forensic scientist, insurance sales, professor

- Canadian legal system (history and development)
- the Charter of Rights and Freedoms (development and issues)
- criminal law (mock trial and court processes)
- youth Justice Act
- civil Law (Family Law, Wills and Inheritance , Contract Law, Consumer Law, Real Property Law - Landlord and Tenant)
- current events

We will be exploring and employing the Big Six Historical concepts.

The emphasis is this course is on research, class presentations and careers in law. There will be several guest speakers and one or more field trips to court in Quesnel and Prince George and/or the RCMP building.

**Social Justice 12 MSJ --12***Recommended Prerequisites: SS10***Note: This course meets the requirements for Graduation.**

The aim of this course is to raise your awareness of social injustice, to enable you to analyze situations from a social justice perspective, and to provide you with the knowledge, skills, and an ethical framework to advocate for a socially just world. Emphasis of the course will be on research, presentations, and careers.

**Careers in Social Justice:** Counseling, Social Work, teaching, political science, law, Non-Government agencies, Indigenous studies

Social Justice 12 topics:

- women's rights in Canada and around the world
- LGTB rights (development and world situation)
- poverty
- racism
- the causes of injustice
- critical thinking and ethical reasoning skills to a variety of social justice issues
- acting in a socially just manner
- being a responsible agent of change, making positive contributions toward a socially just world

## Quesnel Distributed Learning – QDL

### Quesnel Distributed Learning XAT—11QDL

- do you want to take greater control of your learning?
- do you want to learn to become a more independent learner?
- students in grades 10-12 can take courses online
- the QDL program uses ministry approved online courses to allow the student to set the time, place and pace of their studies
- students can take as few or as many online courses as they want  
(*Ex: Student A selects Athletic Training 12 because it can create some space in their timetable to allow them to train for a particular sport or activity. Student B has selected 3 courses because they will be missing many days of school due to travel, and working online allows them to keep up to date.*)
- we offer a wide range of courses from Athletic Training to Biology to English and Math
- you can check out [QDLonline.com](http://QDLonline.com) for some more information or contact Tod Anderson
- don't be afraid to ask questions!

*Tod Anderson*

*Quesnel Distributed Learning Coordinator*

250-983-6929

*email:* [todanderson@sd28.bc.ca](mailto:todanderson@sd28.bc.ca)

*website:* [qdlonline.com](http://qdlonline.com)



# QDL

## Quesnel Distributed Learning

## Resource Courses

### Personal and Career Training (PACT) Program

This is a three year program designed to provide personal and career training opportunities for students who are on an Evergreen graduation path.

**Program Rationale** - To provide learning opportunities for students who are unable to participate successfully in the Dogwood graduation program. This program will assist these students in transitioning to adult community living by providing modules designed specifically for their developmental abilities.

**Program Goals** - To assist students in:

- furthering their basic academic skills while developing career skills
- developing good work habits, punctuality and attendance
- completing work experience and/or community service projects
- working towards increased independence as they transition to adulthood

**Student Profile** - Students are considered appropriate for placement in this program when they:

- meet the Ministry criteria for Autism, Chronic Health, Moderate to Profound Developmental Disability, Mild Intellectual Disability or Learning Disabilities
- require adapted or modified course work and are motivated to complete a Grade 12 Evergreen school completion program
- understand and commit to the career development nature of the program which includes work experience and/or community service

**Exit Criteria** - Students are reviewed on a regular basis and, if a change in placement is recommended, a referral is submitted to the School Based Team. Successful completion of the PACT program includes completion of the Evergreen Graduation Transitions Requirement (EGTR) and Evergreen Portfolio Presentation.

**Organizational Structure** - Our program is comprised of term long modules. Students will earn 2 credits per completed module. Students are expected to complete all modules in order to graduate from the program. In addition, students will be expected to complete the EGTR and Graduation Capstone expectations.

Within the following modules, a focus will be on selecting course objectives that reflect individual learning needs as determined through IEP planning sessions. It is not anticipated that all students will be able to complete all objectives for each module within the three year program due to individual developmental levels.

### **Program Modules Framework**

Grade 10	Grade 11	Grade 12
Self-Reflection & Self-Regulation Personal Care & Organization Career Exploration Health and Nutrition	Career Planning Home & Community Safety Community Involvement Workplace & Media Literacy	Transition to Independent Living Job Preparation & Workplace Safety School/Work Experience & Community Service Portfolio Planning & Presentation
Math and English Fundamentals 10-12		