

# Victoria High School

## COURSE SELECTION 2021 / 2022



Victoria High School  
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[www.vichigh.sd61.bc.ca](http://www.vichigh.sd61.bc.ca)

Fernwood Campus: 1260 Grant Street Victoria, BC V8T 1C2  
Topaz Campus: 923 Topaz Avenue, Victoria, BC V8T 2M2

***Victoria High School wishes to recognize and acknowledge the Esquimalt and Songhees Nations, on whose traditional territories, we live, we learn, and we do our work.***

## **A SHORT HISTORY OF VICTORIA HIGH SCHOOL**

Victoria High is a wonderful school. For over 145 years Vic High has provided interesting and challenging opportunities for its students. Vic High continues to offer a wide range of academic choices and an extensive range of electives including Technology, Fine Arts, Home Economics, Career Preparation and Apprenticeship opportunities, as well as English Language Learner courses and Physical Education. Our iconic building is being renovated over the 2020 and 2021 school years. During this time, Vic High will operate out of two campuses. The majority of our programs will run out of the topaz campus located at 923 Topaz Ave. Our trades and technology programs will continue to run out of the Fairey tech wing at the Fernwood campus, located at 1260 Grant Street. We anticipate being able to offer the full complement of unique and reputable course offerings for which our school is known.

Many thousands of Victorians have passed through this school and great traditions and accomplishments are a source of local pride. Our graduates have achieved distinction in every field of human endeavour. Perhaps, no other institution in the city is more broadly representative of our community. Victoria High School is a school that celebrates diversity, welcoming generations of new Canadians and supporting our vibrant International Student Program. Victoria High School presently enrolls about 700 students in grades 9 to 12.

**Victoria High School's motto:  
"Palma Non Sine Pulvere" ("No Reward Without Effort")**



# Resources and Other Opportunities

## COUNSELLING SERVICES

Vic High has a range of counselling services. We are here to help you have a successful year and stay on track for graduation.

**School Counsellors** provide academic and personal counselling and support for students and families. Support services include:

- Course planning, credit checks, post-secondary prerequisites.
- Academic advising (timetabling, course scheduling)
- Graduation checks and advising
- Career explorations, goal-setting
- Post-secondary planning, applications and transition
- Scholarship searches and resumes
- uStart Program at the University of Victoria
- personal counselling

Students should consult with their school counsellor about course changes.

**Youth & Family Counsellors** provide counselling and support for students and their families.

Support services include:

- Individual and Family Counselling
- Transitional support for new students from middle/alternative, private and out of Victoria District schools
- Advocacy for students and their families
- Parent support and education
- Student/family referrals to appropriate community services
- Facilitate wellness interventions (health promotion, mental health strategies, addiction education/counselling, positive peer connections)

## SERVICES FOR STUDENTS WITH INDIGENOUS ANCESTRY

Indigenous Education (IED) of the Greater Victoria School District provides culturally supportive services to students with Indigenous Ancestry. These services are supplementary to services available to all students. Students with Indigenous ancestry include those who are defined as status and non-status First Nations, Metis and Inuit. Vic High services include such things as counselling, academic support, student luncheons, scholarship information, post-secondary application support and referral to community agencies. Vic High offers a selection of Indigenous focused courses. IED staff at Vic High include an Indigenous Academic Support Teacher and an Indigenous Counsellor.

Please take advantage of our services.

## CAREER CENTRE

The Vic High Career Centre is attached to the school's counselling area. The Career Centre provides a quiet environment where students can work at the study tables provided or use a Chromebook with internet access.

The Centre is open Monday to Friday, and the Career Centre Coordinator is available to assist students with all aspects of job search including resumes, cover letters, and interview preparation.

The Career Centre hosts a variety of information sessions and provides print materials about career options, post-secondary education, skilled trades, volunteer and study exchanges, as well as scholarships. Each school year, the Career Centre involves students in a number of activities - Food Safe Training, Take Our Kids to Work Day, visits from Canadian post-secondary recruiters, education and career fairs, trades and technology tours, and career exploration springboards.

Grade 11 and 12 students are encouraged to come to the Centre early in the school year to get a jump on post-secondary planning and to check-in periodically for follow-up help.

If you are new to Vic High or you just haven't had a chance to visit the Career Centre yet, please stop by and introduce yourself. Everyone is welcome!

## **LIBRARY**

Vic High Library offers a diverse and current collection of fiction and non-fiction – print and audio book format – for recreational reading and research. There is a collection of English-language learner (ELL) titles and audio books to support emerging readers of English – as well as a collection of enriched and challenging adult-level reads for students seeking challenging literature and preparatory reading for post-secondary education.

Vic High Library supports a strong reading culture through a well-curated collection, a process for acquiring student requests, the Top Shelf Student Book Club, and the annual Vic High Reads initiative.

The library web site provides access to a wide range of high-quality online resources through the Digital Resource Hub, including databases, encyclopedias and e-books as well as access to a full-time teacher-librarian who provides instructional supports for research skills including question development, database search strategies, source evaluation, note-taking, and citation.

The library is open before school, during lunch, and after school for students to read, complete assignments, or to get help with research from the teacher-librarian. Please visit <https://vichighlibrary.sd61.bc.ca/> for more information.

## **STUDENT SUPPORT**

Enrollment in these courses requires a discussion with the Inclusive Learning Department, the ELL teacher and Administration.

## **LEARNING STRATEGIES**

The Learning Strategies classroom provides a supportive environment for students to work on and get help with their course work. Students will learn mindfulness strategies, self-advocacy, goal setting, test preparation, organization skills and get technical support with core academics. This is a credited course that students can select as an elective. The learning support teaching team recommends taking this class during the heavier academic semesters. Learning Strategies teachers track the progress of their students by working with parents/guardians, classroom teachers, counsellors and administrators to stay informed of peaks and valleys in student performance.

## FOCUS BLOCK

The Inclusive Education department advocates for the inclusion of all students in the general education setting. In circumstances where the general education setting is not appropriate, we offer a 'Focus' block. This course allows students to work collaboratively with teachers, EAs and peers on specific IEP goals. Areas of focus are individually tailored to meet the needs of the student. Examples of these focus areas are communication, independence, literacy, numeracy, social skills, self-regulation skills, community engagement and self-care.

## HONOURS COURSES

Honours classes are offered in English, Mathematics and Science to provide an additional challenge to students who achieve a minimum of a 'B' grade. Honours classes are offered subject to enrolment. Please read the write-ups in each subject area.

## EXTERNAL CREDITS

Credit at the Grade 10, 11 and/or 12 level may be granted to students who have attained a high level of competency in a course of study or area of expertise outside the regular school system. Credits are granted to those who fulfill specific requirements in such areas as athletics, coaching, languages, music, cadets, Outward Bound, driver education, first aid, Scouts and Guides, life-saving, computer certification, dance, drama, and speech. Specific documentation is required. See a counsellor for details, or check the website [www.bced.gov.bc.ca](http://www.bced.gov.bc.ca)

## SCHOLARSHIPS / BURSARIES / AWARDS

A Scholarship Preparation 12 course is available for grade 12 students. Students will develop a scholarship portfolio and engage in a series of topics related to transitioning from high school to post-secondary. This is a 4 credit, linear course that takes place outside the timetable.

### Victoria High School and Alumni Awards

Vic High is proud to award over \$50,000 in scholarships and bursaries every year directly to Vic High grads. All of the information about these scholarships and the application process can be found on the Grad Google Classroom. Students can also speak to Mr. Wallace if they have any questions.

### Provincial and National Awards Program

In addition to Vic High and Alumni Awards, Vic High provides support to students who wish to apply for provincial and national scholarships, which offer financial support to students in a diverse range of criteria including academic achievement, excellence in athletics/arts/applied skills, community/volunteer service, overcoming adversity, and financial need.

## VICTORIA HIGH INTERNATIONAL PROGRAM

Vic High welcomes students from around the world in our International Student Program. We offer a full range of academic and elective course offerings, including specialized English Language Learning courses. International students may participate in our extensive athletic, extracurricular clubs and leadership opportunities.

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# Course Selections

## Applied Design, Skills and Technologies

### Business Education

#### **Entrepreneurship 12**

All businesses begin with the ideas of entrepreneurs. Entrepreneurs identify and explore opportunities, research the resulting ideas, locate and organize resources, and begin to turn the ideas into reality. In the course, you will develop a working foundation of what it takes to start and run a successful business. Entrepreneurship 12 helps students to gain an understanding of how business works and the entrepreneurial spirit in the context of starting a small business. Within a secure and supportive environment, students plan, research, and develop a business knowledge base, employability skills, and positive attitudes towards lifelong learning. Students complete the course by designing a business plan for a business of their choosing.

### Home Economics

#### **Food Studies 10**

Explore a wide variety of culinary, nutritional, and consumer education topics in an inclusive and creative environment. The opportunity to earn the Food Safe Level 1 certificate will be offered during class time in FS10. Students will practice planning, prototyping and improving recipes by applying basic and intermediate techniques to a wide range of staple foods for self and others. Develop valuable skills deliciously and explore food studies topics from the farm to the fork. FS10 is an Applied Skills 10 class, your choice for one AS10 class is required for graduation.

#### **Food Studies 11**

You do not have to complete Foods 10 before taking this course, but it helps! Explore the culinary landscape by creating both savoury and sweet foods that relate to the history, present trends and future sustainability of our food system. Featured recipes can be different depending on the term as we will focus on local and seasonal ingredients. Share culture and expand valuable skills as we create nourishing and impressive recipes and connect with the local food system.

#### **Food Studies 12**

Food Studies 12 runs every second year alternating with Food Studies 12 –Specialization. You do not have to complete Foods 11 before taking this course, but it helps! Create Instagram worthy dishes. Practice advanced, multi-step culinary techniques. Research, plan and create multi course menus. Explore local food solutions for global food challenges. Culinary adventure and food system opportunities guide the journey in FS12.

#### **Food Studies 12 – Specialization (Formerly known as Baked Products & Decoration 11)**

Food Studies 12 – Specialization runs every second year at Vic High alternating with Food Studies 12. Explore the art of pastry and the craft of yeast bread in this class for students who love to bake! Challenge yourself to create beautiful products that could sell in a top bakery or

hotel. Learning valuable skills never smelled or looked so amazing! Students must complete Foods 10, 11 and/or 12 before taking this course. Open to students from grades 10-12.

### **Textiles 10**

Interested in learning to sew? This textiles course is designed for the BEGINNING sewing student who has little or no previous experience. Develop your sewing skills while learning about fabrics, patterns and design. Learn about natural and manufactured fibers. Learn the uses and care of the various types of fibers including in First Peoples cultures. Explore your creative side. Uncover an appreciation for 'slow fashion.' Make various free choice craft and garment projects. Explore the factors that influence textile choices. Apply the elements and principles of design to your projects. Learn hand and machine construction techniques. Alter clothing patterns prior to construction, repair and upcycle of textile items. A wide range of materials will be available for use. This course is open to all students grade 9 through 12. If you want to learn how to sew in a fun and creative environment then this is the class for you.

### **Textiles 11**

Do you love to sew? Do you love handmade objects? Do you want to save textile items from the landfill and give it new life? Take your basic sewing skills to the next level with Textiles 11. This textiles course is for the INTERMEDIATE sewer and is open to the student who has previously taken a textiles course. Students should be able to sew somewhat independently. Students should be familiar with commercial pattern use and have some basic sewing skills. Uncover an appreciation for 'slow fashion.' Learn about the properties of fabrics, pattern alterations and the repurposing of textile items. Explore the elements and principles of design as you complete several projects. Apply fabric knowledge and construction techniques to create garments that are uniquely yours. A wide range of materials will be available for use. Projects completed in this course are suitable to add to a portfolio when applying to a post-secondary design program.

### **Textiles 12**

Think it. Test it. Make it. Share it. Using the fundamental skills learned in Textiles 10 and/or Textiles 11 and challenge yourself to sew better than ever before. Create beautiful and functional textile items that inspire you. A wide range of materials will be available for use. This textiles course is an ADVANCED textiles course and open to students who have demonstrated an above average ability in sewing. Garments will be constructed using sewing techniques at an advanced level. Students will examine historical, social and cultural influences on contemporary clothing and textile design. Make textile items that fit your unique style and needs. In this intermediate/advanced course students work with more challenging fabrics and sewing techniques. Other topics of exploration will include elements and principles of design, the influence of advertising and marketing on clothing choice and consumption and advanced techniques for repurposing/upcycling. Open to students who have successfully passed Textile 10 and or 11 and or in grade 12 and have a lot of previous experience sewing. Projects completed in this course are suitable to add to a portfolio when applying to a post-secondary design program.

### **Fashion Industry 12**

Do you have a passion for fashion? Is a career in fashion in your future? Fashion Industry 12 is an introduction to the knowledge and development of skills necessary to work in the fashion industry. The main objective of the course will be the creation of a Fashion Design Portfolio –

an entrance requirement to many post-secondary schools. In completing this Portfolio, students will become familiar with current fashion trends, local designers, the principles of design and complete fashion illustrations. This is not a sewing course. Students will practice fashion illustration, pattern drafting skills and construction processes skills. This course explores past and present fashion trends and examines how your own designs reflect those influences. All aspects of the fashion industry from elements and principles of design, fashion illustration, textile science, technology and design, ready to wear industry, haute couture, eco-fashion movement, merchandising and retailing will be explored. Post-secondary, entrepreneurial and career opportunities in the exciting field of fashion will be explored. Complex social issues in the fashion and textiles industry: 'fast fashion', cultural appropriation, ethical consumerism and labour practices are covered. Once again, little to no sewing experience is required. This course is open to students from grade 10-12. Projects completed in this course are suitable when applying to a post-secondary design program.

## **Information & Communications Technology**

### **Computer Studies 9**

Computer Studies 9 is a survey course that is suitable for grade 9 students at all skill levels, from novice computer users to experts, and anyone in between. Many of the skills learned in IT9 are directly applicable to your other classes, improving assignments and projects, making them stronger and more engaging. You will understand basic web page design and create animations and images for the web or for computer applications. You will be introduced to basic computer programming and prepare some fun simple video games. You will also be introduced to computer hardware, and understand how computers work.

### **Computer Studies 10**

Video games are not just fun to play but fun to create. The video game industry is a booming area and is quickly becoming one of the largest markets of the entertainment industry. Students will learn to develop sprites (character animations) and apply these animations to have characters interact with keyboard and joystick controls. Programming skills using software called "GameMaker" will be developed and students will complete the course with an arcade style game. Students will also get a chance to explore industry standard animation and drawing software to further develop their multimedia abilities. Although this is an introductory course, a wide range of abilities will be accommodated due to the project style nature of the course.

### **Computer Programming 11**

Computer Programming 11 has been designed to introduce students to computer programming using the Python programming language and covers the most common concepts present in nearly every programming language. Students will develop skills in problem solving, and debugging, and further their logical thinking. We will look at simple artificial intelligence (AI) and learn to create a game where the computer "thinks". This course is useful for students who will be working at jobs that demand computer skills and is also useful for students who want to understand more about coding and may be taking computer courses in college or university. As well students will look at game programming where they will apply higher level skills to their games. This is a fast paced course and it is recommended that students have a strong interest in computers.

## **Computer Programming 12**

Computer Programming 12 will further develop students' skills in computer programming. Students will also continue to develop their web programming skills in HTML, CSS, PHP, and Python. Students will develop more advanced computer programming skills and web development skills. Students will write computer applications that can potentially run on web servers. This course will also help students manage more complex computer code and look at a variety of advanced programming structures. It is recommended that students have taken Computer Programming 11 previously.

## **Technology Education**

### **Power Mechanics 10**

This course is open to students in the Grade 9 and 10 and introduces you to the world of mechanics - bike, small engine, and automotive. You will learn about the maintenance and repair of bicycles through learning to tear down and rebuild a bike. Then on to small engines, where you will use a single cylinder Briggs and Stratton engine to learn all about how engines run and how all the parts work together to bring the engine alive with power. Finally, you will be introduced to the maintenance of automobiles.

### **Automotive Technology 11**

You can increase your knowledge and confidence about automobiles by taking this course. You will learn about purchasing and owning an automobile, auto shop safety, automotive tools and equipment use. This course will introduce you to automotive maintenance and what you should be doing regularly to keep your car running well and safely. You will learn about most of the automotive systems - electrical, engine, drive & drive train and braking. You will also learn the fundamentals of engine operation, its parts, and its function. You will also learn about repair and replacement of automotive parts such as brakes, tires, lights, bulbs, fluids and other serviceable items found through the automobile.

### **Automotive Technology 12**

Students in Automotive Technology 12 can continue to develop their knowledge and skills in the automotive shop and classroom. You will develop a more comprehensive understanding about the maintenance and repair of vehicle systems. This level is more intricate and challenging than Automotive Technology 11 and requires students to be more independent and accountable in their learning. Students in this course may be interested in applying the Youth Trades in Training Autotech district program that is partnered with Camosun College's Automotive Service Technician program.

### **Automotive 12 - Engine and Drive Train**

Students in this course will continue their development of vehicle engines and drive trains. Students will be required to do a full engine tear down and rebuild including measurement and testing. Students will also learn about a variety of engines, plus transmissions, transaxles and other drive train components. Students who take this course should have successfully completed Automotive Technology 11 and 12 and have demonstrated an ability to work independently and be self-directed in parts of their learning. Students in this course may be interested in applying the Youth Trades in Training Autotech district program that is partnered with Camosun College's Automotive Service Technician program.

## **Electronics and Electrical 10**

This course is open to students in the Grade 9 and 10. You will learn about electronics and electrical in a fun and creative way. Besides learning about electrical safety and components (resistors, LED's, capacitors, SCR's) as well as building electronic prototypes and projects, you will learn to use tools and equipment to install electrical components (switches, receptacles, smoke alarms and lamps) as found in a home. This course will give you the experience and knowledge on how electronic and electrical things work in the preparation for taking further courses in Vic High's electrical apprentice program.

## **Electrical Trades Apprenticeship 11**

As an apprentice, you are introduced to the career of electrical trades through theory and practical applications. You will gain valuable core knowledge required for the electrical trade industry. Then you will be able to put your knowledge to practice by doing hands-on applications, such as plan reading, layout, house wiring, and testing your own work.

## **Electrical Trades Apprenticeship 12A**

This course builds on Electrical Apprenticeship 11, taking your knowledge and skills to the next level. By the end of this course you will have covered the four Electrical Apprenticeship Program Modules introduced in Electrical Apprenticeship 11.

## **Electrical Trades Apprenticeship 12B**

This course builds on Electrical Apprenticeship 12A, taking your knowledge and skills to the next level. By the end of this course you will have covered the six Electrical Apprenticeship Program Modules introduced in Electrical Apprenticeship 12A.

## **Woodwork 10**

This course is open to students in the Grade 9 and 10. In this course you will make a variety of projects from wood. These include a display table, a box of your choice, a wood turned bowl and, if time permits, another project of your choice. Students will learn the safe operation of tools and equipment, as well as wood characteristics, processes and finishing.

Woodwork 10 supplies – All materials will be supplied by provided for the course except the following wood material. You may already have the material, you may wish to purchase it from local vendors, or purchase it from the woodwork department for \$15. The material needs to be clean and dry to be used in the woodshop.

1 piece -1 ¼" x 8" x 48" hardwood (maple, alder or a similar hardwood)

1 piece - 1" x 6" x 48" hardwood (maple, alder or a similar hardwood)

## **Woodwork 11**

In this course you will continue to develop your woodworking skills and knowledge through the construction of a Shaker table with a drawer, a dovetail box, and an advanced woodturning. You will also be challenged with a sustainable wood project and learn about wood species and characteristics

Woodwork 11 supplies – All materials will be supplied by provided for the course except the following wood material. You may already have the material, you may wish to purchase it from local vendors, or purchase it from the woodwork department for \$20. The material needs to be clean and dry to be used in the woodshop.

1 piece -1 ½" x 4" x 54 hardwood or softwood; 2 pieces - 1" x 6" x 96" hardwood or softwood

1 piece – ¼" plywood – 24" x 24"

## **Woodwork 12**

In this course you will build on their woodworking 10 and 11 skills and knowledge. You will learn about various types of woodworking techniques and artifacts. Students will be able to choose their own project based on their level of skills, knowledge, and time available. Either students can purchase and bring in their own materials, which must be clean, dry and with no defects or hardware, or purchase the material from the school. The cost of the project depends on the size and type of wood and other materials used. Students will be provided an optional project – “Tall clock” if needed.

**Woodwork 12 Tall Clock supplies** – All materials will be supplied by provided for the course except the following wood material. You may already have the material, you may wish to purchase it from local vendors, or purchase it from the woodwork department for \$20. The material needs to be clean and dry to be used in the woodshop.

1 pieces - 1” x 6” x 96” hardwood or softwood

1 pieces - 1” x 8” x 96” hardwood or softwood

1 piece – ¼” plywood – 48” x 48”

## **Skills Exploration 10A**

This is a project based course that introduces grade 9 and 10 students to the variety of trade program options available at Victoria High School. You will have fun while you explore the areas of electrical, carpentry, metal fabrication, welding, joinery and automotive repair. You will start to develop the knowledge and skills required to obtain and maintain a job in a trade. This course also provides an awareness of career and apprenticeship opportunities. Students who successfully complete this course will have the opportunity to take Victoria High’s Career and apprenticeship courses.

**Auto Body program supplies** – All materials will be supplied by provided for the course except the following safety and personal use supplies. You may already have the supplies, you may wish to purchase it from local vendors, or purchase it from the auto body department.  
3M Half Face respirator 7502 – \$35.00 (one can be borrowed from the school for the duration of the course)

3M P100 organic vapour filter – package of 2 – 16.00

3M 501 filter retainer – 2 for \$5.00

3M 6001 organic vapour cartidge – 2 for \$18.00

3M 5p71 particulate filter p95 – 2 for \$6.00

3 piece spreader set - \$5.00 (for Auto Body 11 and 12 students)

Ear protection – Banded set - \$5.00

## **Auto Body 10**

This course is open to students in Grade 9 and 10. This exploration course gives students the opportunity to participate in hands-on learning of automotive body repair. Students will be introduced to dent repair, surface preparation, painting and welding. This is a great opportunity to learn some new skills in a fun environment. Safety supplies are provided, however students can purchase their own to keep for a cost of \$35. This includes a respirator with all necessary filters.

## **Auto Body 11A**

**Note: Auto Body 10 is not a prerequisite.**

This course is for students wanting to take a single block of Auto Body or continue on into a career in auto body repair or take the Youth trades in Training apprenticeship program. This course will cover the following topics: minor body repair, surface preparation, detailing, welding, sheet metal work and painting. Due to the nature of work being performed, students will need to purchase safety equipment. This can be purchased through the school at a subsidized price of \$45. This includes: Respirator and all necessary filters, ear protection, and spreaders. Please note that no student will be denied an opportunity to take this course if they cannot afford the safety equipment.

## **Auto Body 11B**

This is the second course in the Career Prep Auto Body Program. Students will further develop their skills and increase their knowledge of Auto Body repair on more challenging projects.

## **Auto Body 12A**

This course will expand student skills and knowledge that were introduced in the Auto Body 11A and Auto Body 11B courses. They will repair body panels on vehicles and prepare them for the final paint stage. Oxyacetylene and MIG welding are covered as well as minor damage analysis.

## **Auto Body 12B**

This course is a continuation of Auto Body 12A. Previous skills and knowledge are further developed in preparation for the transition to the auto body repair industry. By this time, student who are doing the Youth Trades in Training program should be ready to successfully complete their Work Experience Placements in commercial establishments.

## **Metalwork 10**

This course is open to students in Grade 9 and 10, and is designed for students to learn metalwork techniques on the fabrication of projects such as: sheet metal box, 'balancing man' brazing and gas welding project, MIG and SMA (stick) welding projects, aluminum casting, and CNC plasma cutting projects. Emphasis will be on the creativity and design prior to building. Students will learn to use metal lathes, milling machines, grinders, drill presses and welding equipment, along with sheet metal machines and hand tools.

Metalwork 10 supplies – All materials will be supplied by provided for the course except the following metal material. You may already have the material, you may wish to purchase it from local vendors, or purchase it from the metalwork department for \$15.

12" x 12" 22 gauge galvanized sheet stock - \$5.00

96" 1/2" x 1/2" square tube – \$4.00

48" – 1/8" x 1" Flat bar - \$3.50

48" – 1/4" round cold rolled steel - \$2.50

## **Metalwork 11**

Metalwork 11 introduces a wide range of metalworking skills which allow students to create and fabricate projects such as: Folded seam and hemmed sheet metal tool box, collapsible shovel, CNC plasma cutting projects, as well as personal projects which can include forge work and aluminum casting. Skills developed include machining (drill press, lathe, and milling machine), forging, casting, welding (gas, SMAW [stick], MIG).



Metalwork 11 supplies – All materials will be supplied by provided for the course except the following metal material. You may already have the material, you may wish to purchase it from local vendors, or purchase it from the metalwork department for \$20.

18" x 24" 22 gauge galvanized sheet stock - \$10.00

6" x 9" 16 gauge hot rolled sheet stock \$2.50

6" – 1" threaded rod - \$5.00

2" – 1 ½" round aluminum extrusion - \$2.50

### **Metalwork 12**

Metalwork 12 allows you to build on the previously learned skills from Metalwork 11. Time will allow you to create larger self-designed projects. The topics covered are similar to those in Metal 11, but are covered in more detail. Students are encouraged to engage in more challenging and complex project work. NOTE: Due to the nature of the project work in this course, students will pay for the cost of material used.

### **Art Metal and Jewelry 10**

This course is open to students in Grade 9 and 10. Students will create jewelry and unique personal projects for themselves and their homes. Techniques include enamel bead making, rings, silver soldering, chain making, two- and three-dimensional wirework, and much more! Art metal and Jewelry 10 supplies – All materials will be supplied by provided for the course except the following metal material. You may already have the material, you may wish to purchase it from local vendors, or purchase it from the metalwork department for \$14.

1" x 10" Copper sheet .040" thick - \$6.00

1" x 4" nickel silver plate .040" thick – \$2.00

24" – 3/8" hot rolled round stock - \$4.00

48" – Aluminum MIG wire for chains - \$2.00

### **Art Metal and Jewelry 11/12**

This course is open to students in Grades 11 and 12. Students will focus on building or honing basic skills such as metal forming and silver soldering for jewelry; welding, brazing, metal forming, blacksmithing and foundry work for art metal; and design. Students with no prior experience will create basic projects while experienced students will build skills and more elaborate projects. Students are welcome to provide the following listed items, or may purchase them from the school for a \$15 fee. Students creating unique projects may be required to provide further materials.

1" x 10" Copper sheet .040" thick - \$6.00

1" x 4" nickel silver plate .040" thick – \$2.00

Steel – various lengths and sizes for forge work - \$6.00

## Hair Design

The Hairdressing Program not only enables you to get your Grade 12 graduation but also sets you on your way towards becoming a licensed hairdresser. With careful and early planning of course programs, students will have the opportunity to complete requirements for both university entrance and career preparation. Students receive their training in a state of the art, well-equipped salon.

Suggested prerequisite: Grade 10 students who have a serious interest in working with people, have a service oriented personality and are interested in the fashion industry.

### **Introduction to Hair Design 11**

Welcome to Hair Design!

This course introduces students to the dynamic and ever changing world of hair design. During class, students use professional tools to achieve the latest hair styling techniques. Students receive their training in a modern fully equipped hair salon where they learn how to operate as a professional hairstylist.

### **Hairstylist 12**

Hairstylist 12 consists of three blocks:

- **Hairstylist 12A: Introductory Theory Part 1**
- **Hairstylist 12B: Introductory Basic Practical Skills**
- **Hairstylist 12C: Building Practical Skills**

Students will learn the following: Professional Development, Salon Ecology, Anatomy, Trichology, Design Decisions, Chemistry, Career Portfolio, Salon Business Level 1, Haircutting Level 1, Hairstyling Level 1, Permanent Waving Level 1, Long Hair Styling Level 1, Hair Colouring Level 1.

Prerequisites: Grade 11, creative, good work ethic, an interest in working with people and the fashion industry.

### **Hairstylist 12 Continued**

Hairdressing 12 consists of four blocks:

- **Hairstylist 12D: Theory Part 2**
- **Hairstylist 12E: Practical Skills Level 2**
- **Hairstylist 12F: Practical Skills Level 3**
- **Hairstylist 12G: General Trade Practice Skills**

Students will learn the following: Professional Development, Salon Business Level 2, Career Portfolio, Chemistry, Advanced Haircutting, Advanced Hair Styling, Advanced Design Decisions, Permanent Waving Level 2, Hair Colouring Level 2, Advanced Long Hair Styling, Hair Additions.

Prerequisites: Completed Hair Stylist 12A, 12B, 12C, creative, good work ethic, an interest in working with people and the fashion industry.

Students registered in the ITA Hairstylist program are also required to register in the following two work experience courses to be completed outside of the timetable during their grade 11 and 12 year.

- **ITA Hairstylist 12H: Work Experience 150 hours**
- **ITA Hairstylist 12I: Work Experience 150 hours**

# Arts Education

## Dance

### **Beginner Dance Foundations 9/10/11/12**

An introductory course to the foundations and techniques of Hip-Hop, Jazz, Lyrical, Modern Stage, Contemporary, Ballet-Jazz and Tap; Body Alignment and Conditioning, Injury Prevention and Body-Spatial Awareness specific to the elements of the dance to be included. Beginner Dance is designed to develop and support self-confidence through the movement-dance experience.

### **Intermediate Dance Foundations 9/10/11/12**

Prerequisite: Beginner Dance or Equivalent Dance Training

A continuum of Beginner Dance with the expectation of a higher skill set. For example, pirouettes, concept of spotting, and an understanding of placement & posture for the different dance genres. Intermediate Dance is designed to challenge the dancer through a wide range of choreographic experiences.

### **Advance Dance Foundations 9/10/11/12**

Prerequisite: By permission of Faculty

A fast-paced and technically challenging course that includes a comprehensive and intensive study of genres best suited to the interests of the Advance dancers as individuals and as a class. Technical refinement and expression in movement-dance for the stage and camera will be explored with the potential to produce formal and informal works for both stage and camera.

Advance dancers seeking acceptance to a post-secondary training school will be prepared for their auditions as outlined by specific criteria of selected universities and Professional Training Programs.

### **Dance Company 9/10/11/12**

Prerequisite: By Audition

A performance-based linear course scheduled outside the timetable – September to June. The VHS Dance Troupe is known as “Platform 61” est. 2005. Dancers and choreographers focus on building a diverse repertory that reflects the skill set of dancers. Each year Guest Choreographers are invited to set new works on the dancers and work with the dancers in a pre-professional setting.

### **Dance Choreography 11/12**

An introductory course to choreographic forms, structures and devices. Students will use composition skills to create, rehearse, refine and perform choreographed works. Production elements for both stage and film to be explored: music, costume, props, lights, set design.

### **Dance Technique Performance – DTP aka Dance for Camera 10/11/12**

A course which explores a wide range of styles of dance compositions and the interplay of movement, sound, image and form in response to a variety of stimuli. Curriculum includes: choreography for the camera, issues in creative and conceptual thinking, camera techniques, storyboarding, pre & post production, editing and viewing of seminal as well as experimental video dance works.

## Drama

### **Drama 9/10**

Junior drama focuses on ensemble building and developing the foundational skills required to find success in senior drama. Emphasis is placed on self-reflection and individual growth through participation based activities and assignments. Students study voice, movement, improvisation, characterization, and play building. Junior drama can be taken twice, with new curriculum and skills taught in each course. Students are encouraged to take junior drama before taking senior drama.

### **Drama 11 / Drama 12**

Senior drama focuses on ensemble building and further developing and honing the foundational skills covered in junior drama. Senior students will study script analysis, character development, and advanced theories of acting technique and process. Students will both learn and analyze the differences in film vs. theatre acting, and will conduct self-exploration theatre inquiry in advanced areas of performance and production. Students are encouraged to take junior drama prior to taking a senior drama class.

### **Theatre Production 11**

Theatre Production 11 covers all aspects of backstage crew and design. This covers a wide range of theatre and film production elements, such as lighting, sound, set design, backstage crew, stage management, costume design, makeup design, and marketing a mainstage production. The course will involve a series of evening and weekend workshops and students are expected to attend out of time table workshops to support the needs of mainstage school productions.

### **Theatre Production 12**

Theatre Production 12 will provide an in-depth knowledge of backstage theatre work and will dive deeper into the material covered in Theatre Production 11. The course requires out-of-timetable commitments and support of all mainstage productions. Students will be expected to help mentor theatre production 11 students and team lead in all aspects of design, such as lighting, set, sound, costume, and make up.

### **Musical Theatre 10/11/12**

This is an out-of-timetable, by-audition course and gives credits to students who perform in the annual school musical. Students are expected to attend each rehearsal and will learn the intricacies of live performance. Students will develop skills in ensemble building, dance, stage blocking, vocals, and acting. Students are expected to help support all elements of the production, including fundraising and advertising. Students are given the opportunity to help select the annual musical. Casting is based on availability, years of musical experience, and an audition that includes a song and monologue. Please be prepared for evening and weekend rehearsals, as needed.

## Music

### **Music 9: Intro to Concert Band**

This class is open to any grade 9-12 student who wants to learn to play a woodwind, brass, or percussion instrument in a large group setting. This is a great way for students to join the music program if they have had a little, or even no previous musical training. This course provides students with the foundational skills in order to pursue Instrumental Music 10 and beyond.

Students will be evaluated on participation/effort, attitude, behaviour, attendance and the development and improvement of technical skills and musicianship. Topics of study include ear training, music theory, development of listening skills, sight-reading and instrumental performance techniques.

### **Instrumental Music 10: Concert Band**

This class is open to any student who; completed Intro to Concert Band, studied a woodwind, brass, or percussion instrument for all three years of middle school, or by permission from Mr. Rawson.

Students will be evaluated on participation/effort, attitude, behaviour, attendance and the development and improvement of technical skills and musicianship. Topics of study include ear training, music theory, development of listening skills, sight-reading and instrumental of performance techniques.

### **Instrumental Music 11: Concert Band**

Concert Band 11 is a continuation of the program and is designed to build upon the musical and performance skills students have acquired. Students will further develop their knowledge, skills and attitudes that are required to rehearse and perform a variety of musical arrangements. The focus of this course is on performance techniques and music literacy. This is a yearlong course and credit is achieved in June.

### **Instrumental Music 12: Concert Band**

Concert Band 12 is a continuation of the program and is designed to build upon the musical and performance skills students have acquired. Students will further develop their knowledge, skills and attitudes that are required to rehearse and perform a variety of musical arrangements. The focus of this course is on performance techniques and music literacy. This is a yearlong course and credit is achieved in June.

### **Choral Music 10: Concert Choir**

Concert Choir is open to any grade 9 or 10 student. No experience is necessary. This is an opportunity to experience a variety of styles of music from many periods, including madrigal, folk, popular and gospel/spiritual. Units in musicology, music history, theory, sight-reading and rudiments are taught and tested. This course is designed to enhance the choral skills of all participants.

### **Choral Music 11: Concert Choir**

Choral Music 11: Concert Choir is open to any student. It is not necessary to have extensive musical training as instruction will be given in good voice production, breathing, phrasing, sight-singing, and other skills. Emphasis will be placed on soprano, alto, tenor, or bass (SATB)

grouping. Students will be exposed to music of all periods including: plain song, madrigals, classical, romantic, ecclesiastical, musical shows, from the 10th century to the present day. Most music will be performed in the original language. School and public performances are an integral part of this course.

### **Choral Music 12: Concert Choir**

Choral 12: Concert Choir is a continuation of Choral Music 11 with emphasis on soprano, alto, tenor, or bass (SATB) grouping. Students will be exposed to music of all periods including: plain song, madrigals, classical, romantic, ecclesiastical, musical shows, etc. from the 10th century to the present day. Most music will be performed in the original language. School and public performances are an integral part of this course.

### **Contemporary Music 10: Instrumental**

This class will combine with Vocal Jazz 10 to form a performing ensemble. This group will provide students with an opportunity to perform funk, rock, pop and a variety of other genres. Members of this band must also be members of either Concert Band 10 or Jazz Band 10. Please see Mr. Rawson if you have any questions.

### **Contemporary Music 11: Instrumental**

This class will combine with Vocal Jazz 11 to form a performing ensemble. This group will provide students with an opportunity to perform funk, rock, pop and a variety of other genres. Members of this band must also be members of either Concert Band 11 or Jazz Band 11. Please see Mr. Rawson if you have any questions.

### **Contemporary Music 12: Instrumental**

This class will combine with Vocal Jazz 11 to form a performing ensemble. This group will provide students with an opportunity to perform funk, rock, pop and a variety of other genres. Members of this band must also be members of either Concert Band 12 or Jazz Band 12. Please see Mr. Rawson if you have any questions.

### **Choral Music: Vocal Jazz 10**

This class will combine with Instrumental Contemporary Music 10 to form a performing ensemble. This group will provide students with an opportunity to perform funk, rock, pop and a variety of other genres. Members of this band must also be members of Concert Choir 10. Please see Mr. Rawson if you have any questions.

### **Choral Music: Vocal Jazz 11**

This class will combine with Instrumental Contemporary Music 11 to form a performing ensemble. This group will provide students with an opportunity to perform funk, rock, pop and a variety of other genres. Members of this band must also be members of Concert Choir 11. Please see Mr. Rawson if you have any question.

### **Choral Music: Vocal Jazz 12**

This class will combine with Instrumental Contemporary Music 11 to form a performing ensemble. This group will provide students with an opportunity to perform funk, rock, pop and a variety of other genres. Members of this band must also be members of Concert Choir 12. Please see Mr. Rawson if you have any questions.

**Instrumental Music: Jazz Band 10**

Students should have previous instrumental experience for this course. Saxophone, trumpet, trombone, as well as piano, bass, electric guitar, electric or acoustic bass and drums/percussion players are required. Students will learn to interpret music in a variety of styles including swing, funk, rock and Latin. Performance is a major focus of this group; attendance at concerts and festivals is a requirement of the course. Space is limited for guitarists, bassists and drummers and the ability to read basic jazz chords and notation is essential. Members of this band must also be members of either Concert Band 10 or Instrumental Contemporary Music 10. Please see Mr. Rawson if you have any questions.

**Instrumental Music: Jazz Band 11**

This is a continuation of the program. Students who play saxophone, trumpet, trombone, as well as piano, bass, electric guitar, electric or acoustic bass and drums/percussion are required. Students will learn to interpret music in a variety of styles including swing, funk, rock and Latin. Performance is a major focus of this group; attendance at concerts and festivals is a requirement of the course. Space is limited for guitarist, bassists and drummers and the ability to read basic jazz chords and notation is essential. Members of this band must also be members of either Concert Band 11 or Instrumental Contemporary Music 11. Please see Mr. Rawson if you have any questions.

**Instrumental Music: Jazz Band 12**

This is a continuation of the program. Students who play saxophone, trumpet, trombone, as well as piano, bass, electric guitar, electric or acoustic bass and drums/percussion are required. Students will learn to interpret music in a variety of styles including swing, funk, rock and Latin. Performance is a major focus of this group; attendance at concerts and festivals is a requirement of the course. Space is limited for guitarists, bassists and drummers and the ability to read basic jazz chords and notation is essential. Members of this band must also be members of either Concert Band 12 or Instrumental Contemporary Music 12. Please see Mr. Rawson if you have any questions.

**Instrumental Music: Orchestra 10 (Strings)**

Students should have previous instrumental experience for this course. Violin, Viola, Cello, or Double Bass are the only string instruments accepted. Students will learn to interpret music in a variety of eras and styles including Baroque, Classical, Romantic, and Programmatic. Performance is a major focus of this group; attendance at concerts and festivals is a requirement of this course.

**Instrumental Music: Orchestra 11 (Strings)**

Students should have previous instrumental experience for this course. Violin, Viola, Cello, or Double Bass are the only string instruments accepted. Students will learn to interpret music in a variety of eras and styles including Baroque, Classical, Romantic, and Programmatic. Performance is a major focus of this group; attendance at concerts and festivals is a requirement of the course.

**Instrumental Music: Orchestra 12 (Strings)**

Students should have previous instrumental experience for this course. Violin, Viola, Cello, or Double Bass are the only string instruments accepted. Students will learn to interpret music in a variety of eras and styles including Baroque, Classical, Romantic, and Programmatic.

Performance is a major focus of this group; attendance at concerts and festivals is a requirement of the course.

## Visual Arts

### Project Costs

**Visual Art Supplies** - All materials will be provided for your Visual Arts course except the following items which are yours to keep. You may already have these supplies, you may wish to purchase from local vendors or as a convenience to you, purchase from the Art Department. If the purchase presents financial difficulty please see your teacher for alternate arrangements.

Drawing Pencil	\$2.00
White Eraser	\$1.50
Sketchbook (hard cover)	\$10.00
OR	
Sketchbook (soft cover)	\$5.00
#2 Paintbrush	\$4.00
18 x 24 canvas	\$10.00

**Photography Supplies** - General art and classroom supplies, darkroom and film processing equipment and chemicals are provided, however you are required to pay for your own film and photo paper. You will need 4 rolls of 24 exposure black and white film (\$10.00/roll retail) and 24 pieces of black and white photo paper (\$35.00 retail) to successfully complete this course with wonderful photographs. Since we can purchase film and paper in bulk at cheaper prices we can offer you the necessary materials for \$40.00. If the purchase presents financial difficulty please see your teacher for alternate arrangements.

## **Visual Arts 9**

Discover your hidden talents. A foundation course for students with little formal art experience who wish to explore art concepts and build skills in drawing, painting, printmaking, pottery and sculpture. Material might include graphite, coloured pencil, charcoal, pastel, watercolour, acrylic, styrofoam, lino, clay... You will discover many approaches to expressing yourself visually. Students with extensive art experience should register in Visual Arts 10.

## **Visual Art: Art Studio 10**

Stimulate your creative powers. Art Studio 10 is a foundation course for students who wish to build on the art concepts and skills development in Art 9. This course includes drawing, painting, printmaking, pottery and sculpture with an emphasis on new materials and more complex techniques. You will discover a multitude of art styles, and begin to develop a style of your own.

## **Art Studio 11**

Art Studio 11 can follow two general paths. For students with no previous art experience, the emphasis is on art foundations: basic topics and skills are introduced. For more experienced students, this course provides an opportunity to continue to work in a variety of areas. The course content includes drawing, painting, printmaking, sculpture, and ceramics, with an emphasis on personal imagery development and technical skills.



## **Art Studio 12**

Art Studio 12 is an advanced course designed to enhance students' knowledge and experiences in a variety of visual expression areas. The content includes drawing, painting, printmaking, sculpture and ceramics.

## **Studio Arts 2D 11**

The Studio Arts 2D 11 course explores the basic elements, principles and structures used in two-dimensional art. All students are encouraged to experience a wide range of media to gain both a wider appreciation of art and to develop a personal artistic style. This course will also give students an understanding and appreciation of the historical and philosophical aspects of two-dimensional art forms.

## **Studio Arts 2D 12**

Studio Arts 2D 12 students are required to consolidate previous knowledge and experience in visual arts. Specific assignments will guide and refine students' abilities in a variety of media. Students will be encouraged to develop their own themes and portfolios.

## **Studio Arts 3D 10/11/12**

This course introduces specialized instruction in 3 dimensional artwork. A large focus of the course will be ceramic production including wheel and hand built ceramics including extensive exploration of surface treatments. Sculpture using diverse materials such as plaster, found objects and wire will also be studied.

## **Photography 11 (Black & White Film)**

Photography 11 is an art course that provides a foundation in black and white photography. Effective photographs begin in the camera: students practice technical aspects and apply design principles to create effective images. Students learn how to process film and make their own prints in the darkroom. Professional photographers' work and careers in photography are explored. Work time in addition to class time is essential for success.

## **Photography 12 (Black & White Film)**

Photography 12 is an art course that is designed to enhance the design and technical foundation of Photography 11. Specific assignments guide and refine students' understanding of aesthetic (artistic) and technical aspects of photography. Professional photographers' work and careers in photography are researched. Students make photographs related to their personal theme to prepare a body of work to be professionally presented in portfolio or book form. Work time in addition to class time is essential for success.

## **Digital Imaging 11/12**

If your DSLR camera is set to Auto this is the course for you. Learn how to use the functions of a camera to photograph effective and creative images and using Adobe CC develop a portfolio of still and video work. Post production programs used include Photoshop and Premiere Pro.

## **Yearbook 11/12**

This course will encourage creativity while learning specific digital imaging techniques. Adobe Creative Suite and Photoshop may be used to help the student create a portfolio of work and document the year events for our Yearbook. If you have an interest in photography, design and publishing, then this is a course for you.

# Personal Development

## **Career Life Education 10**

This course is required for graduation. Students are recommended to take Career Life Education in grade 11 in preparation for post-secondary education and employment opportunities. This course explores topics of personal development, global and economic opportunities and career/life planning. Students who have completed Planning 10 are not required to complete Career Life Education.

## **Career Life Connections /Capstone**

This course is required for graduation and is typically completed in your graduating year. The course is delivered through Google Classroom and outside of the timetable. It is made up of 4 assignments: Planning and Researching for your future; Connecting and interviewing a mentor; 30 hours of experiential learning (work, volunteer, passion project, etc); and a Capstone project presented in April or May. The Capstone project connects you as a student to the core competencies and offers an opportunity to reflect on your school experience. French Immersion students will complete this course in French with the support of a FRIM teacher. Students must complete all 4 assignments in order to complete the course and be eligible for graduation.

**Youth Teacher Assistant 11 & 12** Becoming a Vic High Teacher Assistant is a dynamic way to enhance your knowledge and gain valuable work experience as well as earning 4 credits towards graduation. The program connects TAs with peers who may require extra encouragement, homework support or enhanced study skills in a classroom. Students may become Teacher Assistants for specific subjects based on a review of their grades and the support of a teacher in that subject. TAs in Vic High will receive ongoing training and support through their teacher sponsor. The program encourages students to develop a higher level of understanding and helps them to develop leadership skills. Students are responsible for recording their activities and reflections.

Grade 11 and 12 students may apply through an administrator. Applications available in September. This request is not to be included on your course selection form.

## **Yoga for Mindfulness 9/10/11/12**

Yoga for mindfulness is a holistic pursuit of wellness. In this course, students will experience the health benefits of yoga and develop their well-being and personal management skills - skills which will help them to balance school, work and other life priorities. Students will use yoga, meditation, breathing techniques and mindfulness to learn more about themselves. They will learn to identify the precursors of stress and learn how to release them more easily. The course will also include an introduction to the history of yoga, yogic philosophy, human anatomy and physiology.

This is an inclusive class that is open to all grades, genders and ability levels. No yoga experience is required.

## **Leadership 9, Community Leadership 10, 11, 12**

If you want to get out and get involved in your school and community, this is the class for you. Students will have the opportunity to participate in planning activities such as school-wide breakfasts, special assemblies, a talent show, school dance and large school spirit events. Students can expect to be involved in fundraising and volunteering for various charities and

social causes at both the school level and the community level. Students will have the opportunity to join tens of thousands of like-minded students who are seeking to “Be the change they want to see in the world” at WE Day in Vancouver. Along the way we will also have a lot of fun and develop meaningful and lasting friendships!

This course is designed to give students the opportunity to develop their individual and collective sense of social responsibility through the acquisition and application of leadership skills and theory. Students will develop lifelong skills in the areas of self-image, goal setting, time management, communication, marketing, school and community service, public relations, decision making, team building, collaboration and an increased understanding of various leadership styles.

Evaluation for all sections is largely based on attendance, participation, attitude and effort. All sections are available to students who have not previously enrolled in Leadership classes.

### **Scholarship Preparation 12**

This course is designed for all grade 12 students who plan to attend post-secondary and are interested in applying for scholarships. You do not need to be a ‘straight A’ student to qualify for scholarships. Scholarships recognize students based on a wide range of criteria including academic achievement, excellence in athletics/arts/applied skills, community/volunteer service, overcoming adversity, and financial need. There are hundreds of scholarships available – many of which are not paid out because no one applied.

This course will help you develop a scholarship portfolio, guide you towards scholarship opportunities, and support you in the application process. Anyone looking for financial assistance for their post-secondary education should join.

This is a 4 credit course that meets outside the timetable.

### **Peer Tutoring & Support 10/11/12**

Peer Tutoring & Support occurs outside of the timetable and provides mature and motivated students an opportunity to academically and socially support students within the VHS learning community. Peer tutors work one-on-one, or in small group settings to help students complete homework and assignments, review course content, prepare for test, and reach their full potential. In addition to supporting students academically there are also opportunities to act as support in social environments to help peers develop personal skills such as communication, social responsibility and school community engagement.

Peer tutors will be connected with clients according to their own personal strengths and areas of interests. Tutoring can take place during drop-in sessions before school, at lunch, or after school, or during pre-arranged meeting times at the discretion of the tutor and client.

At the beginning of the year, all peer tutors will be provided with formal training to develop communication skills, motivational techniques, teaching strategies, and effective study habits. Additionally, students will develop and employ any number of transferable skills (organization, record keeping, leadership) that can be applied to future endeavours as well as job, university, and scholarship applications.

### **Psychology 11**

This is an introductory course to the study of psychology. Some of the topics to be covered include the following.

- psychological disorders
- human development

- intelligence, memory, learning & creativity
- types of therapies
- different psych theories (e.g. Freud)
- psych tests and inventories

One of the most fascinating things about psychology is that it is about you. By learning about your own ideas, feelings and behaviours it is easier to understand other people.

## English Language Arts

### **English Language Arts 9**

Working individually and collaboratively, students will explore a variety of oral, visual, digital and written texts, including First Peoples and Canadian perspectives, and reflect on their different purposes, audiences and messages. Students will synthesize an understanding of the social, cultural and personal connections of the texts by extending their critical thinking skills through inquiry and other creative avenues. The writing process and conventions of language in a multi-paragraph format, and other presentation techniques, will be applied by students to explain their understanding of the various texts.

**All students should complete English classes in the recommended pre-requisite order.**

### **English Language Arts 9 Honours**

In English 9 Honours, students are exposed to a wider variety of more advanced thematically based literature, in addition to some of the regular curriculum texts. The craft of academic paragraph and essay writing is emphasized as well as some creative writing. The course affords students the opportunity to develop inquiry based thinking skills and extended critical thinking skills. This course is appropriate for students who have an ability to read fluently, a willingness to participate in discussion using critical thinking skills, and enjoy a challenge in English.

**Placement in English Honours is based upon student choice and recommendation from teachers.**

### **English 10**

English 10 explores text and story through composition, reading, viewing, and language. The course is a combination of two - 2 credit courses. All students will develop as writers through the composition core of the course (2 credits) in the first term. Composition 10 is designed to support students in their development of written communication through a critical process of questioning and exploring. Students will have the opportunity to work individually and collaboratively to explore and create coherent and purposeful compositions in a variety of styles, genres, and formats.

### **English 10 Honours**

In English 10 Honours, students study more advanced literature and participate in more in-depth discussions involving more critical and creative thinking skills, and engage in the writing of more complex pieces. The same outcomes for English 10 are addressed by the exploration of text and story through composition, reading, viewing, and language. The course is a combination of two - 2 credit courses. All students will develop as writers through the composition core of the course (2 credits) in the first term. Composition 10 is designed to support students in their development of written communication through a critical process of questioning and exploring.

Students will have the opportunity to work individually and collaboratively to explore and create coherent and purposeful compositions in a variety of styles, genres, and formats.

Students will be given the opportunity to discover aspects of one of the other strands in the second term by selecting for themselves one of the other areas of focus - Spoken Language or Literary Studies or New Media (2 credits). Students will explore these topics and focus areas as a class, learning more about the way we communicate and engage with text.

### **Composition 11**

Composition 11 is designed to support students wanting to strengthen their writing skills in preparation for post-secondary institutions as they refine, clarify, and adjust their written communication through practice and revision. Students will read and study compositions by other writers, including a variety of genres, and be exposed to a variety of styles as models for the development of their writing. The course provides opportunities for students to, with increasing independence, study, create, and write original and authentic pieces for a range of purposes and real-world audiences. They will expand their competencies through processes of drafting, reflecting, and revising to build a body of work that demonstrates expanding breadth, depth, and evidence of writing for a range of situations. They will develop confidence in their abilities as they consolidate their writing craft.

### **Literary Studies 11**

Literary Studies 11 allows students to delve deeply into literature. Students can explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) in a variety of media. Giving students a range of literary topics allows them to follow their passion and at the same time: increase their literacy skills through close reading of appropriately challenging texts; enhance their development of the English Language Arts curricular competencies, both expressive and receptive; expand their development as educated global citizens; develop balance and broaden their understanding of themselves and the world; and further develop higher-level thinking and learning skills.

### **Literary Studies 11 Honours**

In Literary Studies 11 Honours, students study more advanced literature and participate in more in-depth discussions involving more critical and creative thinking skills, and engage in the writing of more complex pieces. The fundamental writing skills developed in Composition 10 form the foundations of writing in this course. The same outcomes for Literary Studies 11 are addressed. Students can explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) in a variety of media. Giving students a range of literary topics allows them to follow their passion and at the same time: increase their literacy skills through close reading of appropriately challenging texts; enhance their development of the English Language Arts curricular competencies, both expressive and receptive; expand their development as educated global citizens; develop balance and broaden their understanding of themselves and the world; and further develop higher-level thinking and learning skills.

### **Spoken Language 11**

Spoken Language 11 is designed to support students as they refine, clarify, and adjust their spoken communication through practice and revision. The fundamental writing skills developed in Composition 10 form the foundation of writing in this course. The course provides opportunities for students to, with increasing independence, study, create, write, and present

original and authentic pieces in a variety of formats for a range of purposes and real-world audiences. They will expand their competencies through processes of drafting, reflecting, and revising to build a body of work that demonstrates expanding breadth, depth, and evidence of spoken language genres (storytelling, spoken word, journalism, editorial, debate, and public speaking) for a range of situations, including live and recorded delivery. They will develop confidence in their abilities as they consolidate their spoken language skills.

### **English Studies 12**

The required English Studies 12 course builds on and extends students' previous learning experiences in ELA and EFP 10 and 11 courses. It is designed for all students and provides them with opportunities to: refine their ability to communicate effectively in a variety of contexts and to achieve their personal and career goals; think critically and creatively about the uses of language; explore texts from a variety of sources, in multiple modes, and that reflect diverse worldviews; deepen their understanding of themselves and others in a changing world; gain insight into the diverse factors that shape identity; appreciate the importance of self-representation through text; and contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples to expand their understanding of what it means to be an educated Canadian and global citizen.

### **English Studies 12 Honours**

Students who enjoy and appreciate literature, participate in in-depth discussions involving critical and creative thinking, engage in a variety of writing forms to demonstrate sophisticated writing techniques, and desire to challenge should take this course. In English Studies 12 Honours the same outcomes for English Studies 12 are addressed. It provides students with opportunities to: refine their ability to communicate effectively in a variety of contexts and to achieve their personal and career goals; think critically and creatively about the uses of language; explore texts from a variety of sources, in multiple modes, and that reflect diverse worldviews; deepen their understanding of themselves and others in a changing world; gain insight into the diverse factors that shape identity; appreciate the importance of self-representation through text; and contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples to expand their understanding of what it means to be an educated Canadian and global citizen.

### **Creative Writing 10**

Writing 10 is for students who love to write. It is also open to Grade 9 students who have a flair for writing. They will explore, and experiment with several forms of creative writing in order to improve their own style. Professional writers will be brought in to give workshops to the students. At the end of the course, each student will create a magazine about their particular passion.

### **Creative Writing 12**

Writing 12 is for students who are enthusiastic about creative writing. The students will explore, experiment, and improve their range of writing styles. Professional writers will be brought in to give workshops to the students. At the end of the course, each student will have completed a writing portfolio, and will also have provided pieces for the Writing 12 magazine.

## English First Peoples

### **EFP Literary Studies + Spoken Language 11**

EFP Literary Studies + Spoken Language 11 is designed for students who are interested in studying First Peoples' literature and oral tradition and in strengthening their oral language proficiencies. The course emphasizes oral self-expression and communication in a variety of contexts. Students delve deeply into First Peoples' oral and written literature in a range of media to explore various themes, authors, and topics. This provides a foundation for them to think critically and creatively as they continue to explore, extend, and strengthen their own repertoire of oral language expressions. Within a supportive community, students work individually and collaboratively to explore oral and written literature and create powerful, purposeful oral and written compositions.

### **ENGLISH FIRST PEOPLES 12**

EFP 12 builds upon and extends students' previous learning experiences in ELA and EFP 10 and 11 courses. The course is grounded in the First Peoples' Principles of Learning. It is designed for all students – Aboriginal and non-Aboriginal – who are interested in delving deeply into First Peoples' oral and written literature and visual texts in a range of media. The course focuses on the experiences, values, beliefs, and lived realities of First Peoples as evidenced in various forms of text – including oral story, poetry, song, performance, film, and prose. A key feature of the course is its focus on authentic First Peoples voices (i.e., historical or contemporary texts created by or with First Peoples).

In EFP 12, all students

- examine texts grounded in a diversity of First Peoples' cultures, including local First Nations or Métis communities
- extend their capacity to communicate effectively in a variety of contexts
- think critically and creatively about the uses of language
- deepen their understanding of themselves and others in a changing world
- gain insight into the diverse factors that have shaped and continue to shape their own identities
- appreciate the importance of self-representation through authentic First Peoples' text
- contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples
- expand their understandings of what it means to be educated Canadian and global citizens

## ELL 10 and 11 Combined Courses

### **Beginner ELL 10**

This course will enhance the English Language learners' skill in reading, writing, listening and speaking through exposure to appropriately challenging texts. In depth study of these texts further develops higher-level thinking and skills and helps students gain a deeper understanding and appreciation of the power and beauty of literature. Students will engage with and analyze renowned classic and/or modern texts. The course will enhance students written and oral expression abilities.

### **Intercultural Studies 11**

Intercultural Studies 11 has been developed to support and encourage ELL students to explore and compare their native country to the richness and diversity of Canada. Students will become more aware of Canadian culture and better understand why Canada is a multicultural nation. Using a variety of resources, documents, media, etc. students will compare the historical, geographical, political and cultural aspects of their native country to that of Canada and its society. Through these comparative analyses, ELL students will focus on building an advanced level of reading comprehension, composition skills, and listening and speaking skills.

### **Intermediate ELL 11**

Intermediate ELL 11 is designed for beginner to upper beginner level ELL students, and will extend the exploration of the four main English language skills introduced in English Language Development 10. Using a variety of fiction and non-fiction materials, and through building vocabulary and more complex sentence forms, students will be able to interact with greater confidence in English.

### **ELL Academic Literacy 11**

Academic Literacy 11 is a course intended for ELL students who want to focus on the development of their English writing skills. Particular attention will be given to composing and presenting information as will be expected in subsequent academic writing courses at the secondary level.

### **ELL Learning Strategies 10**

ELL students will receive support specific to their individual learning needs including the availability of adapted resources, studying techniques, language support, time and organization management skills, as well as assistance and extra support with other coursework.

## **Français langue seconde - immersion**

### **Sciences Humaines 9**

Socials 9 will allow students to gain an understanding of how local, regional and global issues and events have shaped the world in which they live. Students will study the period between 1750 and 1919, as well as the physiographic regions of Canada.

### **Sciences Humaines 10**

Social Studies 10 considers a wide-range of topics that explain Canada's development as a nation from 1815 to 1914. Issues studied include:

- The impact of immigration
- Aboriginal-European interactions
- Evolution of responsible government
- Economic and resource development of BC

There are many opportunities for discussion of relevant Canadian political and social issues.

### **Langue et Culture de la Francophone 11**

This social studies course offers our French Immersion students the opportunity to explore in-depth the following big ideas in human geography, social justice and contemporary Indigenous Studies:



- Physical features and natural resources influence demographic patterns and population distribution.
- Indigenous peoples are reclaiming mental, emotional, physical, and spiritual well-being despite the continuing effects of colonialism.
- Social justice initiatives can transform individuals and systems.

Students have the opportunity to explore their interests and strengths in an inquiry and project-based learning environment. This course is a part of our French Immersion program and is a requirement for the successful completion of this program.

### **Éducation au Choix de Carrière et de Vie (Career Life 10)**

This course is required for graduation. Students are recommended to take Éducation au Choix de Carrière et de Vie in grade 11 in preparation for post-secondary education and employment opportunities. This course explores topics of personal development, global and economic opportunities and career/life planning. Students who have completed Planning 10 are not required to complete Éducation au Choix de Carrière et de Vie.

### **Carrières et Capstone 12**

This is a grade 12, 4 credit requirement of the French Immersion graduation program. The course will be offered outside of the timetable for our grade 12 French Immersion students and will cumulate with a final portfolio presentation to a mentor teacher in French. The outcomes of this course will be:

- Careers, education and life opportunity change over time.
- Building the skills of lifelong learning can help us adapt and thrive.
- Career and education paths require ongoing exploration, planning, evaluation and adaptation.
- Well-being requires finding a balance of personal health, relationships, work, learning, community engagement, and committed leadership.
- Demonstrate personal learning and achievement, growth in the core competencies, and a reflection on the post-graduation plan.

### **Français Langue Seconde Immersion 9**

This is a course that is required for the completion of the French Immersion program in British Columbia. This course helps students to refine their French language skills and encourages the use of French in everyday activities. Students will continue their study of French language and culture with a focus on:

- Improving communication skills in French to define and affirm ideas.
- Understanding the cultural implications of language.
- Studying a variety of texts at different levels and bringing different meanings to light.
- Improving writing skills to enrich text
- Understanding the use of past tenses and pronouns.
- Examining narrative structure and descriptive sequences.

### **Français Langue 10, 11, 12**

These three courses are required for the completion of the French Immersion program in British Columbia. The courses will allow French Immersion students to further develop their French language skills by reading, writing and speaking French. The outcomes of these courses are:

- The understanding and appreciation of different francophone cultures around the world.

- The analysis and interpretation of a variety of texts and illustrations in French.
- Understanding the role of media on the values of society.
- The development of a rich and developed writing style in French.
- The advantages of bilingualism in personal, professional and social life.
- The review and practice of French verb conjugations and grammar.

### **Éducation Physique et Santé 9/10**

The goal of this course is to encourage students to engage in daily physical and health education in a French-speaking environment. Students will develop their physical literacy, healthy living, and mental well-being skills while exploring:

- The benefits of lifelong physical activity on the development of a healthy lifestyle.
- How healthy choices influence physical, emotional and mental well-being.
- How healthy relationships can contribute to rewarding and fulfilling lives.
- How advocating for the health and well-being of others connects us to our community.
- Understanding the factors that influence health and how to affect healthy changes in lifestyle choices.

## **Mathematics**

### **Mathematics 9**

This course completes the grade 7 to 9 module of the Western Canada Protocol Mathematics Curriculum. Course content includes operations with rational numbers, integers, exponents, polynomials, equations and inequalities, linear functions, and statistics. Upon completion of this course students must choose which Mathematics stream to continue on with: Workplace Mathematics 10 or Foundations of Mathematics and Pre-calculus 10. In order to ensure success in mathematics, the mathematics department recommends that students wishing to proceed to Foundations of Mathematics and Pre-calculus 10 achieve at least 73% in Mathematics 9. For more information, see the Math Pathways chart on page 27, or please see your math teacher for a recommendation if you are not sure.

### **Workplace Mathematics 10**

Prerequisite: Workplace 9 or Math 9

This course offers students an opportunity to solve “real life” problems involving: SI and imperial units of measurement, including decimal and fractional measurements to solve problems involving composite and irregular 2D shapes and 3D objects, perimeter and area, analyzing puzzles and games involving spatial reasoning, Pythagorean Theorem, trigonometry, polygons, angles, angles and lines, unit pricing, currency, exchange and income.

### **Workplace Mathematics 11**

Prerequisite: Workplace Math 10 or Foundations of Mathematics and Pre-calculus 10

This course provides a further exploration of “real life”: problems covered in Apprenticeship and Workplace Mathematics 10. Topics include owning and operating a vehicle, personal income tax, business planning, income and debt, application of probability, relations and formulas, measurement technology, and data analysis and interpretation.

Note: This course satisfies the Grade 11 Mathematics requirement for graduation, but does not satisfy the university entrance mathematics requirement.

## **Foundations of Mathematics & Pre-Calculus 10**

Prerequisite: Math 9/Math 9 Honours (73% or higher is recommended)

This is an academic course for students continuing on in the Foundations of Mathematics pathway or entering the Pre- Calculus pathway.

Topics covered include: linear measurement, conversions between SI and imperial units of measure, surface area and volume of 3D objects, trigonometry, irrational numbers, extending the exponent laws to rational exponents, operations with polynomials, factoring, relations and functions, linear functions, line segments, the equation of a line and systems of linear equations.

## **Foundations of Mathematics 11**

Prerequisite: Foundations and Pre-Calculus 10 or Workplace 11 (73% or higher is recommended) Students selecting this course will be expected to apply mathematics and problem solving skills to a variety of disciplines including science and business. A significant emphasis is placed on the use of technology. Topics covered include: exponential functions, nonlinear equations, linear programming, optimization problems, personal income tax, compound interest, and measurement and uncertainty. Foundations of Mathematics 11 meet current graduation requirements.

## **Pre-Calculus 11**

Prerequisite: Foundations of Mathematics and Pre-calculus 10 (73% or higher is recommended) This course satisfies Grade 11 Mathematics requirements and university entrance mathematics requirements. Students wishing to study the sciences or engineering will be required to complete Pre-calculus 12. The topics in Pre-calculus 11 include: linear equations, relations and functions, quadratic equations, geometry, and trigonometry. Algebra will be extended to solve problems with rational exponents, complex fractions, and radical expressions. Manual graphing and problem solving are major components of the course.

## **Pre-Calculus 12**

Required prerequisite: Pre-calculus 11 (73% or higher)

This course is designed for students who plan to pursue studies in advanced mathematics and/or science at a post-secondary institution. It is recommended that all students should have completed Pre-calculus 11 with a mark of 80% or more. Admission to the course will be subject to teacher recommendation and to needs of the student for particular universities. Since the course will cover topics found in the first term of a university calculus course, students must be prepared to set aside additional time for assignments and study. Students earning above average marks in this course may choose to write the Advanced Placement Exam in May.

**\*A fee is required for writing the AP Exam.**

## **Calculus 12**

Required prerequisite: Pre-calculus 12 (73% or higher)

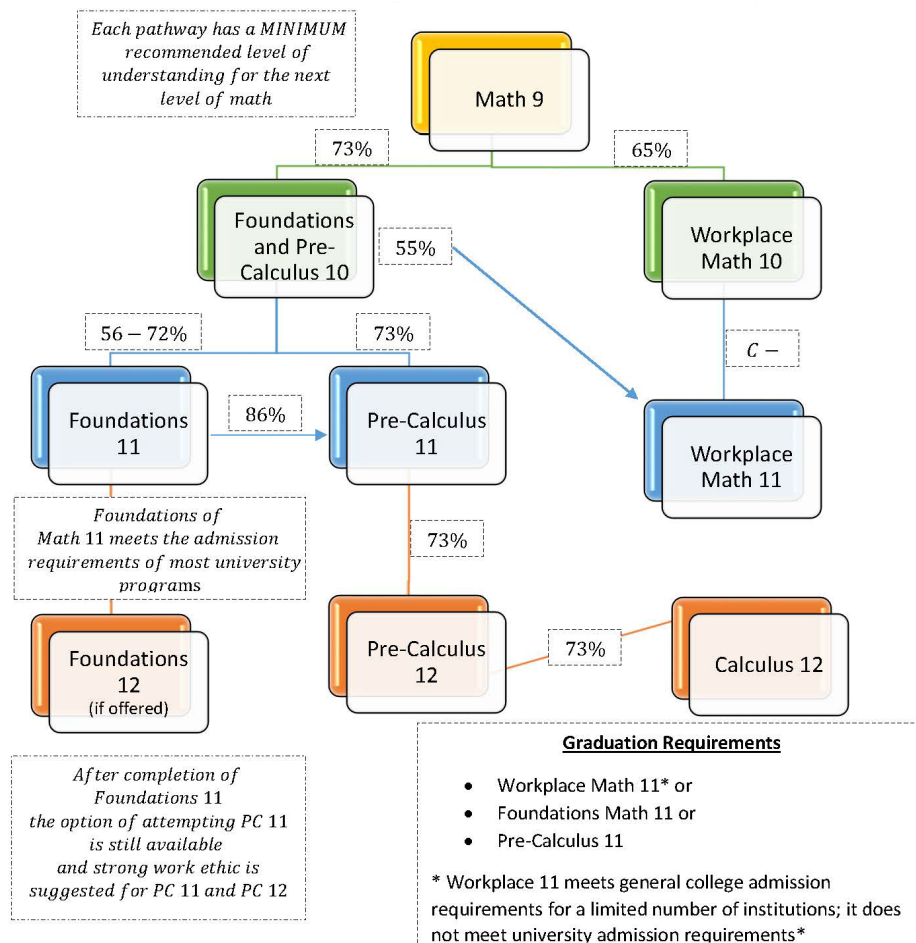
This course is designed for students who plan to pursue studies in advanced mathematics and/or science at a post-secondary institution. To enroll, a student must be taking Pre-calculus 12 and Calculus concurrently or have completed Pre-calculus 12.

It is recommended that all students should have completed Pre-calculus 11 with a mark of 80% or more. Admission to the course will be subject to teacher recommendation and to needs of the student for particular universities. Since the course will cover topics found in the first term of a university calculus course, students must be prepared to set aside additional time for

assignments and study. Students earning above average marks in this course may choose to write the Advanced Placement Exam in May.

**\*A fee is required for writing the AP Exam.**

## MATH PATHWAYS



- ❖ The Pre-Requisite courses listed above require only a passing grade to enroll in the next level
- ❖ However it is strongly encourage that students demonstrate a strong level of **understanding** in their previous years courses in order to facilitate and promote success in the later years.
- ❖ Attempting a course multiple times is not a sign of 'failure' but is the resilience and persistence required to learn complex and abstract concepts

## Physical and Health Education

### Physical and Health Education 9/10

PHE 9 and 10 are required to be taken by all students for graduation completion. This course presents all students with a wide variety of activities in individual, competitive and team sports. Students will also explore strategies and ways of maintaining their own mental health and well-being. This includes decision making related to health of self and others, healthy sexual decision making and online safety. Physical Education is an activity-based course where regular physical participation is a basic requirement. Physical activities will be enjoyed at

recreational and some competitive levels. Students will learn rules of different sports, strategies, techniques, and movement principles as they relate to various games and activities. Students will improve various social skills such as cooperation, teamwork, good sportsmanship, leadership, and respect for individual differences. Students will develop an understanding of the terms fitness and health and will know how to apply this knowledge to everyday living.

### **Fitness and Conditioning 11/12**

This course will provide an opportunity for students to experience a variety of personal fitness activities in a group setting including circuits, strength and conditioning, cross fit, walking/running, and community experiences decided on by the class. Through FUN class sessions students will gain an understanding of active health, how to create a personal fitness plan and how to get started on it. The goal of this activity course is to give students the knowledge and practical understanding of how to live a healthy lifestyle while improving fitness at school! This course is perfect for those students who want to have a break from the classroom and participate in heart-pumping, fun personalized activities.

### **Active Living 11/12**

Active Living 11/12 focuses on the development of a personalized approach to healthy, active living. This course requires students to participate in a variety of sport and recreational activities that have the potential to engage students' interest throughout their lives. Students will experience activities that include: team games, individual sports, and minor games that all emphasize recreational participation. Regular fitness activities will also be included. Students are given a choice of activities in order to give them a stake in their learning. This allows for a differentiated program that is tailored to student interest and skills. It will also provide students with opportunities to refine previously learned athletic skills and reinforce the attitudes/strategies learned in PH 9/10 such as cooperation, teamwork, good sportsmanship, leadership, respect for individual differences, interpersonal relationships.

### **Physical & Health Education 10 Fit For Life, Active Living 11/12 Fit for Life**

This course is geared to the interests of the students and designed to foster a positive attitude towards physical activity throughout one's life. In addition to various games and dance, this course will expose students to a variety of activities such as yoga, skating, weight training, Zumba, water aerobics, rock climbing, golf, curling, gymnastics and hiking. Other topics we may explore are nutrition, and first aid. The goal of this course is to encourage students to develop a personal life long plan for a balanced healthy lifestyle including nutrition, exercise, work and rest.

### **Outdoor Education 10/11/12**

We go outside! Students have the opportunity to safely experience our amazing natural environment. This is a full credit class that meets outside the timetable throughout the school year and is offered to all students, whether you are beginning your outdoor experiences or want to build on your confidence. This course aims to develop outdoor knowledge, survival skills, leadership, collaboration, team-work, self-reflection, and the importance we have with our natural environment. Examples of activities include fire building, shelter building, bush-craft, trip planning, camp setup, wilderness navigation, kite flying, slacklining, hiking, geocaching, and New Year polar bear swims. Outdoor Education has the option of full student participation throughout the year, as well as some optional fee paying activities such as overnight hiking and camping.

# Science

## **Science 9**

This course functions as an introduction to science at the secondary level and is necessary for scientific literacy, developing critical thinking skills, and engaging with scientific concepts and topics that are essential for citizenship. Major topics include lab safety, the chemical nature of elements and matter, electricity and electric current, sexual and asexual reproduction, ecology, sustainability, and energy cycles. Students will also have the opportunity to explore the scientific method and experimental design.

## **Science 9 Honours**

A Science 9 Honours class will be offered to highly motivated student with an A or a high B in Science 8 and Mathematics 8.

## **Science 10**

Science 10 builds off of the concepts covered in Science 9. This course is intended to further student engagement with key scientific concepts and continue to build critical thinking skills. Topics covered in Science 10 include lab safety and the scientific method, DNA and genetics, chemicals and chemical reactions, energy, radioactivity and astronomy.

## **Science 10 Honours**

A Science 10 Honours class will be offered to highly motivated students with an A or B in Science 9 and Principles of Mathematics 9.

## **Chemistry 11**

Chemistry 11 includes the study of properties and classification of matter, chemical reactions, stoichiometry, mole concept, atomic structure, organization of the periodic table, chemical bonding, gases, solution chemistry, and organic chemistry. Lab safety is also covered. A minimum “B” standing in Foundations of Math and Pre-Calculus 10 is suggested for this course.

## **Chemistry 12**

Chemistry 12 includes physical and chemical equilibria systems involving energy related changes, oxidation-reduction, and acid-based theories. To complete this course, extensive mathematical problem-solving skills are required.

## **Earth Science 11**

Earth Science 11 is designed to develop a broad understanding and greater appreciation of the Earth, its origins, processes and resources. Course content focuses on astronomy: the origin of earth and interaction of earth and the solar system; geology: rocks and minerals, plate tectonics, earthquakes, volcanism, and fossils; oceanography: physical geography of the ocean; atmospheric science: weather, climate, and prediction; and resources: renewable and non-renewable resources.

## **Physics 11**

It is strongly recommended that students take Pre-Calculus 11 before or concurrently with Physics 11. If you are seriously considering Physics 12, it is recommended that you take Physics 11 and Physics 12 in your Grade 12 year.

Physics 11 is the branch of science that deals with the various forms of energy and the laws governing the relations between these forms. Physics 11 is an introductory course that focuses on one-dimensional motion. Units of study include: measurement, calculation and data analysis; kinematics; dynamics: heat, mechanical; relativity, geometric optics, electromagnetic spectrum and wave theory; electric circuits and nuclear physics.

### **Physics 12**

It is strongly recommended that if you are seriously considering Physics 12, that you take Physics 11 and Physics 12 in your Grade 12 year.

Physics 12 reviews the study of motion from Physics 11 with the problems increased in difficulty and done in two dimensions. The new topics are universal gravitation, satellite motion, circular motion, centripetal force, electrical fields, magnetic fields, and electrostatics and electromagnetic forces.

### **Life Sciences 11**

Life Sciences 11 is a study of the living world. The curriculum includes: taxonomy, evolution and ecological relationships; microbiology (unicellular organisms); botany (including mosses, ferns, and the seed plants); and animal biology (both invertebrates and vertebrates).

### **Anatomy and Physiology 12**

Anatomy and Physiology 12 focuses on human biology. The units covered in this course include: biochemistry, cell biology and cell processes (cellular chemistry, organelle function, and cancer); and human anatomy and physiology. Organ systems investigated include the digestive, circulatory, respiratory, urinary, nervous, and reproductive systems.

### **Astronomy 11**

This course is an elective and cannot be used to satisfy the Science 11 requirement for graduation.

This course is an introduction to astronomical processes, theories and features of the universe. Topics covered include the history of astronomy, techniques for astronomical observations, solar system components, stellar and planetary formation, evolution and classification of stars, nebulae and star clusters, galaxy structure and formation, structure and origin of the universe, extrasolar planets, extraterrestrial life, and astronomical concepts in science fiction. Field work includes observations with telescopes, astrophotography, trips to the University of Victoria astronomy department and observations with their 0.8 m telescope, and tours of the 1.2 m and 1.8 m telescopes at the Dominion Astrophysical Observatory.

### **Marine Biology 12**

This course is an elective and cannot be used to satisfy the Science 11 requirement for graduation.

This course will give students an opportunity to learn about the diversity of life found in the ocean surrounding Victoria. Using our cold-water Seaquaria and touch table students will observe local marine life while learning about their general taxonomy, life history, and behaviour. Students will independently research local organisms or marine topics and generate content, including photos, video and artwork to be uploaded to our web site at [www.vichighmarine.ca](http://www.vichighmarine.ca). Topics covered in the course are Oceanography, Marine Life and Ecology, Human Impact on Marine Ecosystems, and Aquaculture.

## Second Languages

### **French 9**

Build your knowledge of the French language and culture. This is a course for those with little experience with French. It will continue the introduction to spoken and written work. Students will learn basic vocabulary, pronunciation, sentence structure, reading and writing. Theme-based projects on food, music, sports, travel and film will be included.

### **French 10**

In French 10 students will continue their study of French through reading, writing, conversation and vocabulary building. Skill development will be through activities such as asking and answering questions, interviewing, and describing and talking about past and future events. Theme-based projects on leisure activities, media, employment, consumerism, friendship and environment will be included.

### **French 11**

French 11 is a continuation of French studies designed to develop a higher level of competence in listening, speaking, reading, and writing abilities. A greater emphasis will be placed on composition skills. This course satisfies the university entrance language requirement.

### **French 12**

French 12 is a continuation and expansion of French 11. The complexity of the grammar and the volume of vocabulary will increase and a greater variety of reading materials will be introduced. Written and spoken projects will make up an important part of the course. Emphasis is placed on the ability to write French at a higher level of competency.

### **Japanese 10**

Japanese 10 is open to students in Grade 9 and 10, and is an introductory level course which covers speaking, listening, reading and writing. Students will be learning hiragana, katakana and approximately 50 kanji (Chinese characters). Students will also look at cultural topics such as sumo, anime, karaoke and traditional arts. No prior knowledge of Japanese language is required.

### **Introductory Japanese 11**

Open to students in Gr. 10 or higher.

Introductory Japanese 11 starts from the very beginning of learning the Japanese language. Students' progress to a basic level of competency in reading, writing, speaking and listening skills. While learning the language, students are also exposed to various aspects of Japanese culture, such as sumo, calligraphy, and cooking. A well-rounded, communicative and grammar-based approach is used to give students a solid grounding in the language. No prior knowledge of Japanese language is required. This course does not fulfill university entrance requirements for a second language 11, unless followed by Japanese 11.



### **Japanese 11**

Japanese 11 starts with the assumption that students have knowledge of the *hiragana* and *katakana* writing systems, as well as some knowledge of basic grammar and vocabulary. More emphasis is placed on learning *kanji*, in preparation for Japanese 12. As well, there is continued exposure to Japanese culture, such as festivals, pop culture, and etiquette.

This course satisfies the university entrance language requirement.

### **Japanese 12**

Japanese 12 continues from Japanese 11 to cover the four modes of reading, writing, speaking and listening of the language. Focus on grammar and kanji is more in-depth. Students are expected to learn approximately 200 kanji at this level. Cultural topics such as literature and the arts are introduced for study as well as continued focus on other traditional and contemporary topics.

### **Spanish 9**

Did you know that almost half the population of the Western Hemisphere speaks Spanish? Why not prepare yourself for future travel? In Spanish 9, students embark on their journey to Spanish fluency through storytelling. TPRS (Teaching Proficiency through Reading and Storytelling) is a teaching method that creates a fun immersion-like environment through stories, songs and videos. This course is for beginner Spanish students.

### **Spanish 10**

The storytelling continues! Students will continue to acquire Spanish through reading stories and listening to comprehensible Spanish. Students increase their appreciation of Hispanic music, art and culture through stories, videos, novels and discussions.

### **Introductory Spanish 11**

A beginner Spanish course for students in grade 10, 11 or 12. Prepare yourself for world travel! Students will acquire the necessary language skills to communicate in Spanish through TPRS (Teaching Proficiency through Reading and Storytelling). TPRS is a teaching method that creates a fun immersion-like environment through stories, songs and videos. This course can be used as a prerequisite to Spanish 11. This course does not fulfill university entrance requirements for a second language unless followed by Spanish 11.

### **Spanish 11**

Through stories, videos, novels, pictures and class discussions, students will build on the foundation set in Spanish 9 and 10 and develop a higher level of proficiency in reading, writing, speaking and understanding Spanish. Cultural elements surface throughout the course. This course satisfies the university entrance language requirement.

### **Spanish 12**

A continuation of Spanish 11. Students will continue to learn through storytelling and will be required to spend time outside of class reading or listening to Spanish. Student writing should demonstrate competence in more advanced grammatical structures.

# Social Studies

**Grade 9 and 10:** All grade 9 and 10 students are required to complete **both Social Studies 9 and 10**, or Science Humaine 9 and 10.

## **Social Studies 9**

Social Studies 9 considers a wide range of topics that not only explain Canada's development as a nation from 1750 to 1919, but also provides a foundation for deeper exploration of places, people and history beyond our borders. Thematic topics of study include: revolutions, imperialism and colonialism, patterns of migration, nationalism, local, regional and global conflicts, and discriminatory policies, attitudes, and historical wrongdoings. As well as discussion of current Canadian political and social issues.

## **Social Studies 10**

Social Studies 10 is a course that centers around Canada in the 20th century. Students will learn about the structure of the Canadian government as well as major political and economic ideologies. Students will also learn about Canada's role in the world, including the World Wars, the Cold War, and peacekeeping. Finally, the focus shifts to the story of Canada over the last century. Social Studies 10 is an important course for students to gain a deeper understanding and appreciation of the events and people who shaped Canada.

### **Upper Level:**

**Students are required to complete one (1) of the following courses to meet their graduation requirements**. The following nine (9) courses are **ministry approved and are typically accepted at post-secondary institutions** as approved academic electives. However, it is the responsibility of the student to ensure these courses are accepted by the specific institution they hope to attend.

**Students taking 2 or more of the upper level courses below are eligible for 1 of 3 Cameron Scholarships** ranging from \$1,200 to \$600. Applicants will be adjudicated by the Humanities Department and presented at the June Awards Evening.

## **BC First Peoples 12**

BC First Peoples 12 examines BC history from an Indigenous perspective. This course is available to all students. Students will learn about the diverse and complex First Nations societies that existed in BC before the arrival of fur traders and settlers. We will also examine how colonization, including the creation of the Indian Act, reserves, and residential schools, forever changed the traditional First Nations way of life.

## **Comparative Cultures 12: Ancient History & World Religions**

This course looks back to the Ancient world in order to help us understand our modern world. A major goal will be to look for answers to the following questions:

- Did sexism, racism, + homophobia always exist?
- What is human nature?
- When did class inequality arise?
- Did humans always exploit the environment?

To answer these questions, we will look back to the times of early humans through to the beginnings of the first civilizations and onto the age of the great empires of Rome, China, Egypt, India, and South America. We will also learn about major world religions and participate in field trips to a variety of religious institutions. There will be an opportunity for an independent study on a historical topic or inquiry question.

## **Social Justice 12**

In Social Justice 12 you will explore historical and contemporary acts of oppression and injustice in both Canadian and Global contexts, focusing on race, class, gender, sexuality, and ability. You will reflect on your own identity and how it intersects with the world, asking questions such as “who has power and who doesn’t, and what creates this imbalance?” You will explore ethical ways in which you and your classmates can affect positive social change on a local or even global scale.

This course will challenge you through guest speakers, documentaries, field trips, social action projects, and inquiry. It is an active academic elective.

## **Law Studies 12**

Canadian laws affect just about every aspect of our lives. They guarantee our rights and freedoms, restrict certain behaviours, provide safety and security, and offer a framework for determining guilt and innocence. This course examines legal concepts relevant to your lives as students and emerging adults. Becoming legally literate will assist you in making choices that will benefit you both personally and professionally. There is also an emphasis on current events and the practical application of the law. Relevant local and national crime stories will be followed and discussed, and there will be multiple opportunities to visit the Victoria Law Courts where we will have a front row seat to actual criminal trials.

Law 12 is an excellent companion course to Criminology 12, but enrolment in both is not required.

## **Law 12 & Criminology 154: Post-Secondary Dual Credit**

This is a dual credit course in which students will receive both high school credits and transferable post-secondary credits. It is an excellent opportunity to try a post-secondary class while at Vic High with the added benefit of academic support from your teacher and classmates. This course will introduce students to the structure and functions of Canada’s criminal justice system. It will consider aspects such as police authority and protocol, criminal trial procedures, sentencing, incarceration, and parole. Other topics that may be addressed include the Youth Criminal Justice Act, aboriginal justice, and emerging forms of conflict resolution.

Students who enroll in this course understand they will be held to a post-secondary academic standard and will be expected to complete course readings outside of class. A Camosun College registration fee of approximately \$40 is required, and you may be asked to purchase a textbook. See Mr. Wallace for more information.

**\*You must be entering grade 12 in order to register\***

## **Political Studies 12**

The main goal of this course is to examine the need to bring about political, social, and economic change in Canada and the World and how we can make this change happen. The politics section of the course will focus on government and elections. We will learn about government in Canada—the different levels, responsibilities, and how it functions. We will also learn about how our electoral system works and the various political parties. A main focus will be on comparing different political systems in order to help us identify what parts of Canadian government and elections need to be changed and reformed.

The social movements section will focus on the various methods people and groups use to bring about change in society. We will learn about various methods of action such as demonstrations, civil disobedience, social media activism, among others. We will also look at past social movements in order to help us to create the movements needed to address current issues like climate change and inequality.

## **Human Geography 12**

Human Geography is an exploration of the human relationship to the physical planet. In this course we will learn about: demographic patterns and population distribution, living standards and global poverty, how human activities have altered landscapes, and the current and future

impact of our relationship with the planet. All of this will connect to the overall topics of climate change and sustainability and include connections to indigenous land practices and traditions. Finally, students will learn to make reasoned ethical judgments about controversial actions in the past or present and determine whether we have a responsibility to respond.

## **20<sup>th</sup> Century World History 12**

Have you heard of people such as Adolf Hitler, Joseph Stalin, John F. Kennedy, and Martin Luther King, but aren't really sure what they did? Heard of events like the Great Depression, World War II, and the Cold War, but don't really know what happened? Want to learn more about China, Russia, and the Middle East?

The goal of this course is to help you understand the key events and figures of the 20th century with the aim of giving you insights and tools to understand the 21<sup>st</sup> century world you live in today. There will be an opportunity for an independent study on a historical or current topic.

**Electives:** In addition to the ministry approved courses offered, Vic High also offers two (2) high-interest academic electives that can be taken. Not only do these courses provide you with grade 12 credit required for graduation, they will also engage you with their course content and help build the skills needed to be successful in any discipline.

## **Gender & Sexuality 12**

Family and Gender Studies is gender inclusive meaning, everyone with an open mind is welcome, regardless of their gender identification.

Are you interested how culture and time have affected our understandings of gender? Here you will reflect on the circumstances and experiences that have shaped your family and influenced the person you are today. You will learn about the evolution of gendered roles across cultures, and will examine the gender binary system. In this participatory course, you will discuss controversial topics and will reflect on your own attitudes and beliefs, and will be encouraged to examine how they might change when confronted with new information.

This course is especially relevant for anyone considering careers in social work, counselling, medicine, child and youth care, and teaching.

## **Criminology 12**

Criminology examines a wide range of topics related to crime including:

- how criminal behaviour is defined in Canada and how criminal acts are classified.
- the root causes of crimes and how society attempts to deter crime from occurring
- evaluating the effectiveness of crime deterrent measures.
- the portrayal of crime and criminals in media and this affects our perceptions of crime.
- forensic science techniques and technologies used in criminal investigations.

This course employs a wide range of multimedia including documentaries, docu-dramas, local and national newscasts, as well as television and film, to enhance student understanding and engagement. Criminology 12 is an excellent companion course to Law 12, but enrolment in both is not required.

# Pathways & Partnerships District Programs

Contact the Career Centre for more information and an application package.

## **Level 1 Automotive Technician Program**

This program is offered second semester at Esquimalt Secondary for students in grade 11 or 12. It is a program leading to college level course which offers the opportunity to complete the technical training for the Auto Service Technician Red Seal designation as well as work experience in an actual automotive service shop. This is a great opportunity to kick start a career as a mechanic.

## **Aviation Program**

Grade 11 & 12 students interested in any aspect of the aviation industry are encouraged to consider this dynamic program that is offered second semester at Mt. Douglas Secondary. The program offers an introduction aviation technical theory, manufacturing, a chance to fly from Victoria to Comox and a work experience placement at local aviation businesses such as Viking Air.

## **Trades, Awareness, Skills & Knowledge (TASK)**

If you are a student interested in getting into the construction trades or are interested in what the construction industry has to offer, you should consider this program offered second semester at Lambrick Park Secondary for grade 10, 11 & 12 students. Students get exposure and experience in the following trades; Carpentry, Electrical, Plumbing, Sheet Metal and Welding

## **Tourism and Leadership Exploration (TALE)**

SD61 and West Coast Adventure College have partnered together to offer an amazing 8-week summer program for students interested in exploring the Adventure Tourism Industry. The TALE Program provides students with a foundational knowledge in wilderness first aid, navigation, leadership and communication skills, risk management, trip planning and survival skills. Upon completion of the program, students will acquire 8 high school credits and an invaluable connection with local tourism companies through a 4-week work experience placement. This program is for grade 10, 11 & 12 students.

## **Graphic Design**

SD61 and **Pacific Design Academy** are partnering together to offer an amazing **8 week program** for students interested in exploring the **graphic design industry**. If you are interested in a career or lifestyle involving outdoor recreation, this could be a program for you. This program is for grade 10, 11 & 12 students. This program will provide students with a foundation of graphic design knowledge, connection to a number of local companies leading in their field, and the opportunity to advance their **soft skills, life experience** and **passion** for the industry.

## TEAC 105

This dual credit course at Camosun College provides an introduction to Engineering career pathways and basic skills in Computer Science, Electronic and Computer Engineering Technology, Civil Engineering Technology, and Mechanical Engineering Technology. Students will complete a project in each of the 4 areas.

### **Youth TRAIN in Trades** (*formerly known as ACE IT*)

Youth Train in Trades programs provide students with an opportunity to receive their first year of trades technical training before they graduate and provides students with the opportunity to explore and attain technical training skills in the trades. Students in Youth TRAIN in Trades have the opportunity to start post-secondary course work while still in high school. They may also earn both high school and college credits during the program. All students are registered with the Industry Training Authority (ITA).

This program is for students who are keenly interested in acquiring industry recognized skills. Students can take a *Level 1 or Foundation trades program* at one of our partnering post-secondary institutions (Camosun or Vancouver Community College).

### **Youth WORK in Trades** (*formerly known as SSA*)

Are you working in a trade? Are you working with a qualified tradesperson? You could be eligible for 16 high school credits. The Youth Work in Trades Program (formerly known as Secondary School Apprenticeship) allows students to receive high school credits for paid workplace-based training. Four credits are earned for every 120 hours for a total of 16 credits (480 hours).

Students participating in the Youth Work in Trades program are registered with the Industry Training Authority (ITA) as apprentices and obtain “time in trade” hours that count towards the completion of the on-the-job portion of an Industry Training Program.

Youth Work in Trades students who carry on working in the trades can also qualify for a \$1000 award.

Registered Youth Work in Trades students who have completed a minimum of 480 work-based training hours may be able to enroll in Camosun College Level 1 technical training through Youth Train in Trades. Camosun College offers technical training for the following trades: Automotive Service Technician, Carpentry, Cook, Electrical, Joinery, Heavy Mechanical Trades, Refrigeration & Air Conditioning Mechanic, Plumbing & Piping, Metal Fabrication, Sheet Metal and Welding.

## **Pathways and Partnerships**

Check out the SD61 Pathways and Partnerships website for all available options:

<https://careers.sd61.bc.ca/>. Click on the *Secondary Schools* or *Summer Programs* tabs for offerings specific to high school students. An overview of all District programs can be watched here: <https://careers.sd61.bc.ca/videos/>.