



SPECTRUM
COMMUNITY SCHOOL

COURSE SELECTION HANDBOOK

2024-2025

***“Promoting respect, responsibility and readiness
for the lifelong learner.”***

Welcome to Spectrum

The staff and administration would like to welcome you to Spectrum Community School. We hope that you will be successful and that you reach your goals through our “Spectrum” of opportunities.

The school website is **www.spectrum.sd61.bc.ca** and the telephone number is **(250) 479-8271**. If you have specific questions about the school, courses or programs, please contact any of the administration or counsellors:

Bruce Bidney	Principal
Phil Ohl	Vice-Principal
Christina Pelletier	Vice-Principal
Michelle Newman-Bennett	Counsellor
Vanessa Quast	Counsellor
Liane Wolhberg	Counsellor

IMPORTANT DATES

Wednesday, February 7, 2024

Course Fair for students

Thursday, February 8, 2024

Course selection grade level assemblies

Thursday, February 15, 2024

Last day for course selection forms to be handed in to office

Friday, March 8, 2024

New Grade 9 course selection forms due to office

Thursday, May 16, 2024

District Orientation Day -- Grade 8 students visit Spectrum.

End of August

Newsletter is e-mailed home to all parents with information about school start-up.

COURSE PLANNING

Plan ahead. While you are still in Grade 9, you should be planning the courses you will take for the next three years to fulfill your 80 credits (minimum) for graduation, or completion of BC's Dogwood Graduation Certificate.

Most employers, and all colleges, technical schools, and universities, require you to have more than just a graduation certificate. In preparation, as a part of your graduation program, you may have to include specific courses. At all post-secondary institutions, every program has its own specific requirements. Deciding now, in which general direction you are going, may open doors in the future. Discuss your educational plans with a counsellor and visit the Career Resource Centre (CRC) for information about careers.

As of 2023-2024, students graduating in BC need to have taken at least one Indigenous-focused course. Spectrum will offer courses in each of grade 10, 11 and 12 for students to select from.

Note: Courses will run when there is sufficient enrollment. If a course is cancelled, students will be assigned to their alternate course choice(s).

GRADUATION REQUIREMENTS

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

REQUIRED COURSES (52 Credits)	<ul style="list-style-type: none"> • a Language Arts 10 (4 credits); includes a Literacy Assessment Composition 10 (2 credits) AND one of the following: Literary Studies 10 (2 credits); New Media 10 (2 credits); Creative Writing 10 (2 credits); Spoken Language 10; OR English First Peoples • a Language Arts 11 (4 credits); Choose from the following: Composition 11; Literary Studies 11; Creative Writing 11; New Media 11; Spoken Language 11 OR English First People (EFP) Lit Studies and Writing 11; EFP Lit Studies and Spoken Word 11; EFP Lit Studies and New Media 11 • a Language Arts 12 (4 credits); includes a Literacy Assessment English Studies 12 OR English First Peoples 12 • Social Studies 10 (4 credits) • Social Studies 11 or 12 or BC First Peoples 12 (4 credits) • a Grade 10 Mathematics course (4 credits): includes a numeracy assessment • a Grade 11 or 12 Mathematics course (4 credits) • Science 10 (4 credits) • a Grade 11 or 12 Science course (4 credits) • Physical Education 10 (4 credits) • Career Life Education 10 (4 credits) • Fine Arts and/or Applied Skills 10, 11 or 12 courses (4 credits) • Career Life Connections (CLC) includes community and career networking and a Capstone Portfolio (4 credits) • Indigenous-focused course (4 credits) - English First Peoples or BC First Peoples Social Studies courses meet this requirement.
ELECTIVE COURSES (28 Credits minimum)	See an extensive list of the Elective Courses throughout this Course Handbook. A minimum of 16 credits from either Ministry or Board Authority Authorized or post-secondary courses are required at the Grade 12 level (not including the CLC).

Contents

Student Services	6
Indigenous Education	6
Counselling Services	6
English Language Learners (ELL).....	6
Inclusive Learning	7
Career Resource Centre (CRC)	8
Program of Choice	13
Other opportunities.....	13
Assessments	14
Business Education	15
Digital Media & Video Game Design	16
Home Economics & Culinary Arts.....	20
Mathematics.....	23
English Language Arts.....	26
Modern Languages	31
Physical and Health Education	34
Science.....	37
Social Studies	40
Applied Design, Skills and Technologies.....	45
Visual & Performing Arts	49
Film, Media, Photography & Television.....	51
Performing Arts: Music.....	52
Performing Arts: Dance	54
Performing Arts: Drama.....	55
Performing Arts: Musical Theatre	55

Student Services

Indigenous Education

All Spectrum students with Indigenous ancestry (First Nations, Metis, and Inuit) are encouraged to access the services offered to them through the Indigenous Education Department. Students do NOT need to have status to access these supports. The Indigenous Education staff acts as an important link between the school, families, and the local Indigenous communities. We offer weekly lunchtime gatherings that provide students with the opportunity to connect and learn about upcoming Indigenous events and opportunities. We organize and plan ongoing multi-grade activities like Lahal and drumming. We can offer support in various areas including culture, academics, wellness, and post-secondary planning. Please contact the school for more information or to talk to an IED staff member.

Note: Spectrum Community School offers First Peoples English 10, 11 & 12 and BC First Peoples 12

Counselling Services

School counsellors are available to students for academic and post-secondary advising, brief solution-focused counselling support, and can provide information regarding community counselling services if ongoing mental wellness support is appropriate.

Students are encouraged to request an appointment with their counsellor through the counselling request form found on the school website under the counselling drop-down menu or the link below. Students are assigned to counsellors alphabetically based on their last name; this information is found on the counselling request form using the QR code below.



Youth and Family Counsellors provide longer term counselling around a variety of issues which include family situations that represent a safety risk for the student, mental health issues including anxiety, depression and suicidal ideation, student conflict, crisis assistance and support around alcohol and drug misuse. Youth and family counsellors are also able to refer to agencies outside of the school which can provide more, in-depth assistance around specific issues. Access to Youth and Family Counsellor is through an in-house referral process.

English Language Learners (ELL)

Only ELL students may register for ELL. This is an individualized program designed to emphasize improvement in a student's reading, writing and speaking skills. Considerable time is devoted to content development in all areas of study. All English Language Learners are assigned a case manager responsible for monitoring and supporting their English language development.

Inclusive Learning

We prioritize an inclusive learning environment where students' diverse learning needs are supported. Students with Individual Education Plans (IEPs) have case managers who ensure students receive the appropriate accommodations or modifications to support their learning, behavioural or social-emotional goals. Plans are individualized to meet the needs of learners, and may include supported self-paced work, classroom adaptations, a learning strategies block, etc. All students, with or without a designation, have access to supports needed for their academic success and well-being.

Students who are working on a School Leaving Certificate have opportunities to build the skills necessary to have greater independence and actively participate in the community, while working to improve basic social, numeracy and literacy skills.

Families are encouraged to contact our Inclusive Education Department to further discuss their youth's IEP or learning needs.

Learning Strategies

If you are having difficulties with your courses, you may request a block of Learning Strategies. This is an elective course that can earn you 4 credits. The course may also be recommended by a teacher, administrator or counsellor. Students will be given help with course content and supported in core subjects with remediation in basic skills, study skills, exam preparation, etc. Students who have an Individualized Educational Plan (IEP) will be given priority placement in Learning Strategies classes. See a counsellor an administrator, or the Learning Strategies teachers if you need a support block or extra help with your classes.

Career Resource Centre (CRC)

Spectrum's Career Resource Centre is conveniently located near the main entrance of the school. The CRC team consists of Ms. Condie, Career Resource teacher, Ms. Cielen, Career Centre Coordinator, as well as Career Life Connection and Scholarship teachers. The CRC team assists students with apprenticeships, dual credit courses, post-secondary options, volunteer opportunities, employment in the workplace, career life education and connections and scholarships.

Career Education

Career Life Education 10 (*Graduation Requirement)

(MCLE-10---)

This is a required course for graduation focussing on personal development, connections to the community and career life plans. Topics include the following: goal setting, workplace etiquette, global trends, and employability skills, just to name a few. This course is a graduation requirement for all students and is offered in person.

Career Life Connections 12 A/B (*Graduation Requirement)

(MCLCA12--L / MCLCB12--L)

To graduate in British Columbia, students are required to complete Career Life Connections (CLC). Grade 11, and 12 students will explore options for future paths while connecting and networking with various members of our surrounding communities.

Spectrum offers CLC 12A to grade 11 students and CLC 12B to grade 12 students. Completion of each of these courses earns two-credits for a total of four-credits at the grade 12 level. Each of these courses are offered online by Spectrum staff meaning they are offered "outside the timetable" with some in-person sessions on Tuesdays from 2:00-3:00pm during our Connections block.

Work Experience 12A and 12B

(MWEX-2A---) (MWEX-2B---)

These courses are offered to students in Grade 11 and 12 and provide 4 to 8 credits depending on the number of volunteer, paid and/or career exploration hours completed. A minimum of 120 hours of work experience, in school-approved work placements are required for each course. Hours also may be used from your current job after registering for the course and completing the Work Experience Placement Agreement, Safety Checklist, and a Training Plan. As well as the hours spent within the work force, students must complete assignments on self-assessment and a journal reflection. Work Experience 12A and 12B are a great opportunity for students to develop employability skills. Work Experience is scheduled outside the timetable. See Ms. Condie in the Career Resource Centre for more information.

Scholarship Preparation 12

Scholarship Preparation 12

(YED-2FX---)

Scholarship Preparation 12 is designed to familiarize Grade 12 students with post-secondary opportunities. Students will research post-secondary institutions and current scholarships and bursaries and will be coached to select and then apply for the post-secondary opportunities and scholarships/bursaries most suited to their interests and talents. Students will

create a professional application package, with support from a teacher, and receive four credits for this course. Scholarship preparation is scheduled outside of the timetable.

Important Websites:

www.scholarshipscanada.com

www.studentscholarships.org

www.educationplannerbc.ca

Dual Credit

Opportunity to attend Camosun College while in High School

Camosun College offers some “Dual Credit” courses. Dual Credit courses provide credits towards high school graduation as well as at Camosun. For more information, see specific course outlines and the career resource teacher in the CRC. Offered during our course selection phase are:

- Art Studio (Art Foundations) 12 / Art 102
- 20th Century History/ History 106
- Psychology 12 / Psychology 130
- Physics 12 / Physics 104
- Strength & Conditioning 12/ Kinesiology 120

Opportunity to attend Camosun College or UVic while in High School

An exciting opportunity exists at Camosun College and the University of Victoria for next year’s students registered in Grade 12. Students can enrol in one or more courses while attending high school. Credits obtained at college/university can be used towards high school graduation, as well as a college/university – these are called “Dual Credit” courses. If accepted, tuition is paid for by the Greater Victoria School District. Spectrum’s Career Resource Centre team in collaboration with the counselling department are here to help.

Post-Secondary Information

Planning for College or University

If you are planning to attend a college or university, you need to plan your courses so that you fulfill the admission requirements for the post-secondary institution in British Columbia. For students hoping to attend a college or university outside British Columbia, please consult the specific institution for admission requirements. In all cases, please see a member of the CRC team or your School Counsellor early in your Grade 11 or 12 year.

EducationPlannerBC helps learners make well informed decisions about their education and career options. It is a centralized online resource that helps learners explore post-secondary programs and apply to public post-secondary institutions in BC.

Pathways & Partnerships District Programs

The SD61 Pathways & Partnerships team supports K – 12 students in becoming successful and resilient educated citizens. We are passionate about offering Career Education opportunities that help students make connections and transitions between classroom learning, post-secondary training, and the world of work.

AutoTech

Do you love cars and enjoy working with your hands?

Want to be a Camosun student before you graduate?

The AutoTech program runs every second semester and consists of:

- 13 weeks of instruction at Esquimalt High
- 7 weeks at Camosun College for the Automotive Service Technician Apprenticeship Program
- 100 hours of Work Experience to be completed before Camosun portion
- Graduate with a Dogwood, your Level 1 AST, and 28 high school credits

Aviation

Are you ready to explore the aviation and aerospace industry?

Mt. Doug is hosting a district-wide, semester-long aviation and design program beginning in September 2024.

In this program students will:

- Earn credit for five high school and post-secondary courses:
 - Tech Ed 12 – Industrial Design
 - Tech Ed 12 – Metal Fabrication/Machining
 - Work Experience 12A
 - TEAC 105 (a Camosun Engineering Sampler course) *see course details below.*
 - Introduction to Aviation 12 (Transport Canada's Ground School Certification)
- Work with local aviation employers through work experience placements
- Visit local technical training facilities for TEAC 105 and Aviation-related projects
- Co-pilot three flights!

TASK- Trades Awareness

Curious about trades?

In the TASK program, students will have the opportunity to explore five different trades:

- Carpentry
- Electrical
- Plumbing
- Sheet Metal
- Welding

They will also earn three different certifications:

- WHMIS
- Confined Space Entry
- Fall Protection

The TASK program allows students to experience hands-on, project-based learning within a high school, college and job site setting. Through classroom and shop instruction, and work experience placements, students can earn 24 credits.

The TASK programs run every second semester at Lambrick Park Secondary.

TEAC 105 Explorations in Technology

Do you want to explore Mechanical Engineering, Electronics, Civil Engineering, Computer Science? TEAC 105 explores these four technologies through hands-on activities and remote learning! Classes are for 13 weeks each September and February, Friday afternoons at Camosun College.

- **Civil Engineering** Identify various civil engineering projects and the role that civil engineering plays in each. Apply civil engineering methods and calculations to a simple design and civil engineering project
- **Mechanical Engineering** Demonstrate simple 3D CAD modelling skills, basic shop skills and safety techniques, and identify the design elements associated with the completion of a small mechanical engineering project.

- **Electronics** Create a simple electronics circuit, describe simple microcontroller programming concepts, and list the elements of and build a small electronics project.
- **Computer Science** Use a programming language to examine the fundamentals of software design and development.

Graphic Design

Love art, design and communications?

SD61 and Pacific Design Academy are partnering together to offer an amazing 4-week program for students interested in exploring the graphic design industry.

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.

The program runs in July (exact dates TBD), Monday – Friday, 8:30am – 3:30pm with the following schedule: July: Pacific Design Academy instruction. Upon completion of the program, students will acquire 4 high school credits.

For more information on any of these programs, drop by your school Career Resource Centre and discuss your options with Ms. Condie or Ms. Cielen.

Pathways for Life Learning & Work

Pathways for Life Learning & Work is designed specifically for students with diverse learning needs to prepare for entry level employment in food service, customer service and gardening. The six-week program offers high school students who have barriers to education and employment a non-academic, hands-on learning experience.

Sample our employment training programs in the following areas:

• Food and Customer Service • Customer Service • E.A.R.T.H. Gardening • Workplace Literacy & Numeracy

This course is for you if:

• you're a student in grade 12/12+ • you like to have fun! • you want to explore Camosun education offerings
 gain entry-level employment • learn more about local community supports • gain problem-solving skills to assist in
 making decisions about future plans, goals, and work and educational options • know the rights and responsibilities of
 workers, adult learners, and global citizens • feel confident in an educational or work setting

Youth Work in Trades

Are you currently 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 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 Skilled Trades BC as apprentices and obtain “time in trade” hours that count towards the completion of the on-the-job portion of a Skilled Trades Program.

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. See [SkilledTradesBC](#) website for more details.

Please see Ms. Condie or Ms. Cielen in the Career Resource Centre for more information and an application package.

Youth Train in Trades

Youth Train in Trades programs provide students with an opportunity to receive their first year of trades technical training before they graduate and are tuition-free!

Students can take a Level 1 or Foundation trades program at one of our partnering post-secondary institutions.

Youth Train in Trades programs is dual credit, meaning that the student receives credit for the program at the post-secondary institution and their high school. In addition, the tuition for any dual credit course or program is covered by the school district. The student, however, is still responsible for a registration fee, textbooks, and equipment costs.

Youth Train in Trades Programs:

- Automotive Technology
- Carpentry
- Fine Furniture
- Joinery
- Professional Cook
- Electrical
- Heavy Duty Mechanics
- Refrigeration & Air Conditioning Mechanic
- Horticulture
- Plumbing & Piping
- Sheet Metal
- Welding

Please see Ms. Condie or Ms. Cielen in the Career Resource Centre for more information and an application package.

Program of Choice

Hockey Skills Academy

(MPHE-09H-- / MPHED10HOC)

This is a program open to students from the lower Vancouver Island regions that are presently enrolled in a Minor Hockey Association. Academy students receive academic support combined with hockey skills development including classes instructed by nationally trained staff, leadership and character development opportunities, instruction in fitness, nutrition, sport psychology, and physiology in relation to hockey all while receiving high school credit for on-ice instruction. Hockey Academy students are on ice on Monday, Wednesday, and Friday, throughout the year, while Tuesday and Thursday students are in the gymnasium or classroom. These two courses run all year and count as credit towards PE and toward the hockey elective. Students who demonstrate a strong commitment to the sport combined, with academic demands, will be considered. Applications can be found on the website at www.spectrumhockey.com.

Principle of Sport 10 (Hockey)

(YLRA-0BH--)

This course is offered as part of the Spectrum Hockey Skills Academy. This course has been designed to enhance the level of knowledge and understanding about the science of sport and training. Learning basic principles of anatomy and physiology, nutrition, human performance, biomechanics, motor learning and skill development are desired outcomes for this course. Students will also be exposed to the psychological and physiological factors that affect athletic performance. Students must be enrolled in the Spectrum Hockey Academy to take this course.

Other opportunities

Leadership

(YCPA-0AX-L)

Leadership 9, 10, 11 and 12 is held outside the regular schedule. Students are responsible for organizing a variety of school projects including dances, guest speakers and school and community events. Students will also receive many aspects of leadership and communication training. Students meet weekly at lunch on Wednesdays in the theatre.

Library Science

(YSEVC1A--)

This course is open to Grade 10, 11 and 12 students. It focuses on the development of research skills, including students' ability to access, use, evaluate and present information in many forms. Students will explore the organization, promotion and evaluation of library resources. In addition, Library Science students will become skilled users of digital information sources and learn advanced internet and database search skills. Career opportunities in the field of library and information studies will also be discussed. Please note that permission of the teacher-librarian is required before registering in this course.

Peer Tutoring

(YED--1EX--)

Peer Tutoring 11 or 12 is a four-credit course that allows students to work with junior students in their classes by helping them to complete assignments and prepare for tests. This course is perfect for reliable and organized people who enjoy helping others. Peer tutors receive a letter of reference for their work in addition to four credits. Interested? See your counsellor for more information.

Assessments

Literacy Assessments/Numeracy Assessment

There are three Provincial Graduation Assessments required to be completed prior to Graduation; they are the Graduation Numeracy Assessment in Grade 10 and the Graduation Literacy Assessments in Grade 10 and in Grade 12.

The Provincial Graduation Assessments measure the application of numeracy and literacy skills to realistic situations, learned across the course of the students' education, requiring them to employ the knowledge and skills considered to be essential for future success. The assessments look at students' ability to apply their knowledge and skills and to analyze, reason, and communicate effectively as they examine, interpret, and solve problems.

There will be an opportunity for students to re-write the Provincial Graduation Assessments to improve their achievement level.

The assessments will be scored on the following proficiency scale: Provincial Graduation Assessments:

Emerging	Developing	Proficient	Extending
The student demonstrates an initial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a partial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a complete understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a sophisticated understanding of the concepts and competencies relevant to the expected learning

Ministry of Education Websites

On the Ministry of Education websites, information is provided on topics such as: Provincial Graduation Assessment schedules, Sample Numeracy and Literacy Assessments, Individual Assessment Results, Assessment Rewrites and Rereads, and Frequently Asked Questions. Please visit: www.bced.gov.bc.ca/exams

Business Education

Entrepreneurship and Marketing 9 & 10

(MADEM09---) (MADEM10---)

Learn what it takes to start a business and create value in your life and the world around you. Experience 21st century business skills that challenge the way you see the world and spark your curiosity while cultivating your creative and collaborative capabilities in learning sustainability, lean startup, business modeling, design thinking, systems thinking, Agile, UN Sustainable Development Goals, and more! Come learn about the innovative process of business and where it can take you.

Marketing & Promotion 11

(MMAP-11---)

Learn all about what motivates people to make purchasing decisions and how marketers influence cultural change by creating value for specific customer segments through empathetic experiential market research, analytical skills, and creative focused storytelling. You'll also dive into the exciting realm of branding and rebranding, where you'll explore how companies shape their identities to reflect their commitment to the environment, society, and the marketplace while you expand your design skills in the process. This culminates with hands-on projects and real-world scenarios with community organizational challenges preparing you for a future where business meets sustainability.

Entrepreneurship 12

(MENT-12---)

Business is exciting, dynamic, and offers you the chance to learn what it takes to build a successful sustainable start-up within a team format. You will expand your knowledge of the 21st century business skills that you learned from Entrepreneurship and Marketing 9 & 10 and apply it towards solving real sustainable business challenges for local entrepreneurs while making a positive impact on the community as you learn by doing.

Financial Accounting 12

(MAC--12---)

Accounting is at the heart of every person's life. This class will teach everything from basic personal finances to introductory corporate accounting. Having a good grasp of financial concepts and cash responsibility will give you a great foundation for financial success. Advanced skills such as financial reporting, sustainability impact (ESG) reporting, business valuation, inventory systems, systems thinking, systems dynamics, interpersonal and presentation skills are some examples of concepts explored.

Economics 12

(MEC--12---)

Do you want to understand how the world economy works and how you can improve it? This course provides the opportunity to explore sustainable practices, critical thinking, and collaborative project-based learning by preparing you to be a 21st century economist through regenerative and doughnut economics principles. Central themes include understanding economic systems through simulations, fostering agile teamwork, and balancing human needs with ecological limits. The course is all about interactive learning with a focus on community engagement and global perspectives while tackling real-world challenges. Ethical and social responsibility are integral, preparing you for informed and responsible long-term decision-making in a sustainable economy.

Digital Media & Video Game Design

There are many different courses offered in Spectrum's Digital Media and Game Design program. However, all courses share the idea that learning should be active, so the emphasis is on hands-on activities. Skills are learned and honed through tutorials and activities that students work on under the guidance of their instructor. Mastered skills are demonstrated through larger, creative projects.

Learning is a mix of teacher lectures and one-on-one guidance with students, heavily influenced by the course. Students are also encouraged to collaborate with one another, as well as search online, to find solutions to challenges.

All course activities are available through a course web server to allow students access to the most information and resources possible. Students can easily go back to review something they did not understand or move quickly through something they already know to apply more complex ideas to their projects.

All the learning activities are available online and can be accessed from home for those students who wish to put some extra time into their projects. Although the materials are online, digital media classes meet face-to-face and are no larger than any other class at Spectrum. All courses are held in our modern digital media computer labs with access to up-to-date, industry-standard software. There is more information and a gallery of past student work online at <https://digitalmedia.sd61.bc.ca/>.

Computer BASICS (Grades 9 – 12)

Information & Communication Technologies 9 (MADIT09---) Computer Studies 10 (MCSTU10---) / Computer Explorations 11(MCINF11---) / Computer Explorations 12 (MCINF12---)

More and more of our lives are heavily connected to the digital world around us. This course is designed to provide a strong understanding of the fundamentals related to using computers in a broad range of settings, as well as provide a basic understanding for various forms of technology that are prevalent in our society.

This course is a great starting point for those who have little to no knowledge of computers and computer science, want to refresh their basic knowledge, or are interested in ensuring they have all the foundational knowledge required for later DMGD courses.

While this course is the only DMGD computer course available to Grade 9 students, it is open to students of all grades to provide a starting point for anyone looking to learn the basics of computer science. All grades cover the same material, and classes generally contain a mixture of students from multiple grades.

Expect to explore:

- Essentials of computer hardware and software through PC building and program exploration.
- Uses of common office programs (Word, Excel, PowerPoint) through exploring real-world topics.
- Proper desktop typing practices and procedures
- The design and functionality of the Internet and how data is transmitted.
- Digital security topics, including passwords, encryption, and digital threats.
- How to safely navigate and engage in digital environments.

Introduction to Digital Media & Game Design (Grades 10 - 12)

Media Design 10 (MMEDD10---) / Media Design 11 (MMEDD11---) / Media Design 12 (MMEDD12---)

This is the perfect place to start learning and practicing the skills to be creative in the digital world. Students will use their computer workstations to complete tutorials and self-directed projects to explore a wide variety of concepts in creative areas:

- Learn video creation using Premiere; shoot, compile, and edit your first videos
- Learn digital graphics using Photoshop; create posters and web graphics
- Learn vector illustration using Illustrator; create text and graphic elements
- Learn programming concepts using Snap!; produce a game using designed elements
- Learn web design using HTML and CSS; create and complete online web site

This introductory course is open to all students at all grade levels. It's all hands on, all the time. This course covers a lot of material and keeps you busy, but there are no tests or lectures. The course is designed to help build time management skills and self-discipline while providing a fun work environment.

Programming 11 (Grades 11 - 12)

Computer Programming 11 (MCMPR11---)

Programming is a fun and rewarding set of skills that can begin very simply and grow to be very advanced! While many people think about programming as creating video games, the needs and demands of programmers are broader and are growing all the time! In fact, for any students considering a post-secondary program in science, engineering, mathematics, technology or video game design, computer programming is a useful core skill.

The course begins with an introduction to basic linear programming structures, techniques, and conventions, before moving into more complex data structures and program designs. Programming assignments focus on the development of simple projects, but the skills learned are transferable to any programming problem. Students will learn how to properly document their code and are expected to develop good programming habits.

The course is based around the C# coding language, but also draws inspiration and approaches from block-based coding systems, pseudocode, and general computational thinking. Students will be tasked to problem solve solutions to challenges, find and solve errors, and take a logical approach to solving complex problems.

By the end of the course, students will have all the skills necessary to create the underlying code for their own games, explore developing 2D or 3D games using the Unity engine, transfer their skills to a different programming language more closely tied to individual interests, or expand their knowledge into more complex C# programming techniques.

Programming 12 (Grades 11 - 12)

Computer Programming 12 (MCMPR12---)

Programming Extensions

Usually run alongside the Introduction to Programming course, this course provides students with an opportunity to expand on their personal coding skills and programming projects by designing a course-long personalized project. Students will be expected to create a timeline for their project development, highlight the focus of their learning and design goals, and proceed through the planning, prototyping, creating, and testing phases of the development process.

Students will also be expected to work with other students, collaborate on design or testing elements as required, document their planning and implementation, and explain their learning throughout the course.

Previous coding experience is required for this course.

2D Graphic Design 1 (Gr. 10 – 12)

Graphic Arts 11 (MVAGA11---) / Graphic Arts 12 (MVAGA12—)

Take your first step into the world of graphic design! Through hands-on activities, the instructor leads students in learning industry standard software like Adobe Illustrator as students develop current technical skills. This course focuses on learning how to draw in 2D on the computer and illustrate digital graphics for screen and print. Students will develop concept art and produce professional renderings.

Students taking this course have a great opportunity to produce several designs including:

- Book cover design
- Contemporary graphic and typographic logos
- Modern Infographics
- Community poster projects
- Movie and Show posters
- Create a brand's identity

Prior experience with a pen tablet and drawing is recommended.

Graphic Production (Gr. 10 – 12)

Graphic Production 11 (MGRPR11---) / Graphic Production 12 (MGRPR12---)

Explore your interest in all things design. This course expands on 2D drawing with an emphasis on commercial illustration. Learn how to conceptualize and apply your designs to products that we see and purchase in our everyday life. Through hands-on activities, the instructor leads students in learning industry standard software like Adobe Illustrator, Photoshop and Animate.

This is a great place to investigate design concepts further and apply them to a variety of assignments including:

- Product package design
- Bridging your use between Photoshop and Illustrator
- Design stickers and buttons
- Intro to 3D modeling and animation

Prior experience with a pen tablet and drawing is recommended.

Digital Imaging 11-12

Digital Imaging 11 (YVPA-1EX--) / Digital Imaging 12 (YVPA-2EX--)

Digital Photography has become a popular field for those looking to create incredible imagery using cameras and a digital darkroom. After an introductory unit in camera function, composition, and Lightroom CC, students spend the semester exploring the following genres of photography:

- | | |
|----------------|------------|
| • Portraiture | • Sports |
| • Landscape | • Events |
| • Architecture | • Fine Art |

Students will work with studio lighting and learn how to properly pose subjects and move lighting to create desired effects. Monthly photo safaris will allow students to explore photography off campus. Some assignments in this course will need to be photographed outside of class time.

Prior experience in black and white photography is a plus, although not required. Students are welcome and encouraged to bring their own DSLR cameras to class.

Yearbook: Digital Publishing 10 - 12

(YCCT-1CX-L / YCCT-2EX-L)

Students prepare Spectrum's Yearbook for publication and produce other in-house publications. Exhilarating and deadline-driven, this course offers a real-life experience in the world of digital publishing. Through hands-on experience, students will acquire skills in desktop publishing, digital photo editing and graphics creation using the latest industry standard software – InDesign, Photoshop and Illustrator. Expect to experience the satisfaction of producing something real and in demand. Interested in graphic design, layout artistry, photojournalism, newspaper, or magazine publishing? Sign up for Digital Publishing. Note: Publishing deadlines are real! Excellent attendance, solid work habits, teamwork and commitment are required. This is a year-long course. (Students will receive 8 credits).

Home Economics

About the Department

Home Economics is a practical subject area focusing on four main fields of learning:

Family Studies, Foods and Nutrition, Baked Products, Textile Studies, Culinary Arts Career Pathway (CP).

These subjects allow students to enjoy their learning experiences by equipping them with basic skills that can be transferred to general life, be that at home, school or work.

Interpersonal & Family Relationships 11

(MIAFR11---)

“It’s About Me” This course will examine and explore the important and complex issues of relationships. To understand relationships, it is imperative that you know and understand yourself in many ways. The first part of the course will be an in-depth personal exploration of self-esteem issues. There will be an opportunity to improve communication skills, problem solving skills, decision-making skills, conflict resolution, and negotiating skills. To accomplish this, specific skills will be taught in class and practiced on a regular basis. The second part of the course will closely examine issues of friendships, family, gender, dating, love, and intimate relationships.

Child Development & Caregiving 12

(MCDAC12---)

“It’s About Us” Content focuses on marriage, developing and maintaining strong relationships, stressors in relationships families, parenting and child development. The course will also examine community connection and relationships in partnership with Marigold Elementary School. We will join an elementary class once a week for our Buddy Program. This explores child development activities and relationship building. Students will also have an opportunity to take part in the Teen Baby Project where they will be immersed as a caregiver of a newborn doll. This simulation will explore the time commitment of newborns and planning life around a child.

Textiles 9 - 12

DIY: Complete Guide to Crafting (MADT-09-- / MXTX-10--- / MTXT-11--- / MTXT-12---)

Let your creativity take flight in Textiles 9-12! This course is designed to give you an updated, contemporary approach to sewing. The course will develop the creativity and personal expression of each student by utilizing a variety of fiber art, crafts, and fabric medium. Creative arts and crafts can enhance personal and home surroundings and develop talents for leisure time or income production. Students in this course will complete a minimum of 3 projects. Students will determine their projects, jointly with the teacher, based on their skill level and interests. Possible project options could include teddy bears and “stuffedies”, ornaments, quilting, weaving, up-cycling clothing, embroidery, pillows, bags, knitting and many more. The process of sewing can be both a pleasure and very relaxing. If you are interested in doing a course where you can work at your own pace, make crafts, and be social, then this is the course for you!

Textiles: Arts and Crafts 10-12

(YHEC-1AX)

Textiles Arts and Crafts differs from Textiles Studies as the emphasis is not on creating garments, although many of the techniques taught could be used in garments e.g. garments could be dyed or embroidered. Throughout the course we will create a wide variety of projects that utilize techniques such as cross-stitching, embroidery, eco-printing, stuffy making and upcycling fabrics.

Food Studies 9

Foods 9 (MADFS09---)

This course is an introduction to cooking fundamentals, techniques and ingredients. As well as learning kitchen basics, students will be able to prepare food for breakfast, lunch, dinner and, of course, dessert. Students will also have the opportunity to work as a team to create various exciting projects with the culminating project crowning pie champions for the year.

Food Studies 10

Foods 10 (MFOOD10---)

As Canadians, we are a multicultural people, and this course introduces you to the cuisine of many cultures. Take a culinary trip across Canada—practical and theoretical work will cover the heritage and contrasting cuisines of numerous countries. Discover and enjoy the challenge of preparing multicultural foods that are part of a healthy diet.

Food Studies 11

Foods 11 (MFOOD11---)

This course introduces a variety of tastes from around the world. While exploring the food, the people and the land encompassing the planet, we will sample the simplicity of cultural recipes.

Baked Products and Decorating 11

Baked Products and Decorating (YVHE-1AX--)

This class is for students who have a passion for baking. You will be learning, discussing and practicing all the fundamental techniques to become better bakers. You will make a variety of products including breads, quick breads, cakes, cupcakes, cookies, pastries, and so much more. You will have hands-on experience with final touches of decoration and product presentation.

Foods and Nutrition 11 - Hospitality

Foods 11 Hospitality (MFOOD11H--)

This course helps students expand their knowledge and understanding of skills related to the Foodservice and Hospitality Industry. The course provides students with an introduction to management and the operational skills required in the fast-paced Food Service Industry. Students in this course will get experience in catering and working in the environment of a professional working kitchen. Topics of study may include food safety (Level One Food Safe Certification), food service skills, preparing and presenting food, nutrition, menu development, customer service, and inventory management. The course is a blend of hands-on practical skills and academic work. Students enrolled in the course will spend time in kitchen production and as well they will actively develop hands-on industry service skills such as time management, communication and teamwork.

Food Studies 12

World Class Foods (MFOOD12---)

Take a culinary trip through the cuisines of our world. Each student will complete a heritage report and be encouraged to share their culinary past as part of a lesson. This course really brings our school's cultures alive! The multicultural make-up of the class helps personalize the experience of international specialties.

Specialized Studies in Food 12

Baked Products and Decorating (MSPSF12B--)

Have you ever dreamed of going to pastry school? Do you desire the secrets of perfect chewy cookies, decadent, delicious cakes and whimsical cupcakes? Do you wish you were a more confident baker? This is the class for you! You will make challenging baked products, pastries, quick and yeast breads. You will create buttercream, glaze, and ganache and learn piping techniques. You will have hands-on experience designing, creating and decorating beautiful breads, cakes, cupcakes, cookies, pastries and more.

Culinary Arts 10 - 12

(MCUL-10---) (MCUL-11---) (MCUL-12---)

Developed for students in grades 10, 11 or 12, this exploratory course introduces students to the culinary arts profession under the guidance of a Red Seal Chef Instructor. Emphasis is given to the development of basic competencies related to the culinary profession and combines basic culinary theory with hands-on cooking. The goal is to give students the skills and confidence to work in any fast-paced environment. Students' learning is focused on a variety of skills including: hot food, cold food, salads, soups, baking production, basic customer service and kitchen management. Additionally, students will have the option to become Foodsafe Level One Certified.

Culinary Arts 10 – 12 – Outside the Timetable

(MCUL-10T--) (MCUL-11T--) (MCUL-12T--)

This outside of the timetable course is developed for students in grade 10, 11 and 12 who would like the opportunity to work in the industrial kitchen during break and lunch throughout the semester. Students are given the opportunity to gain valuable work experience in all aspects of a production kitchen and have the opportunity to become Food Safe Level One Certified. Students will work together as a team in a fast-paced kitchen environment helping them to gain the experience necessary for employment in the food industry. Students participate in all aspects of managing a production kitchen including menu planning, food prep, cooking, baking, service, cash and customer service. Upon the completion of the food service each day, students will sit and enjoy their team meals together. Please come see Chef or Ms. Darling in the kitchen if you would like more information on becoming a part of the kitchen team!

Culinary Arts Career Pathway (CP)

Program Requirements

This Career Pathway Program consists of a minimum of two courses, focused on a similar area of career development, and WEX 12A course comprised of a minimum of 120 hours of relevant, industry-based work experience during their Grade 11 and/or 12 school years. For admission to this Career Pathway program please drop by your school Career Resource Centre and discuss your options

Mathematics

It is recommended that students consult their previous Math teacher before choosing their Math courses. Students should also check program requirements at their college of choice. Check with a School Counsellor to learn about prerequisites at each post-secondary institution. For more information, please visit the “Programs & Courses” tab of the school website.

Pre-Calculus

Pre-Calculus is for students wishing to enroll in a college or university program that requires calculus (such as science, math, or engineering). This pathway provides students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Topics include: algebra and number, measurement, relations and functions, financial mathematics, and trigonometry.

Foundations of Mathematics

Foundations of Math is for students wishing to enroll in a college or university program that does not require calculus. This pathway provides students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Topics include: financial mathematics, geometry, measurement, number, logical reasoning, relations and functions, statistics and probability.

Workplace Mathematics

Workplace Math is for students wishing to enter the workplace, pursue an apprenticeship, or enroll in certain trades programs at college. This pathway provides students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include: algebra, geometry, measurement, number, finance, statistics and probability.

Grade 9

Mathematics 9

(MMA--09---)

Mathematics 9 is recommended for students who are confident and competent in their Math 8 skills: basic facts (times tables), operations on integers (positive and negative numbers), working with fractions, solving 1- and 2-step equations, following BEDMAS rules.

Mathematics 9 Linear - by approval only

(MMA--09--L) & (XYDCB09LS-)

This is a year-long option for Mathematics 9 (students attend math every day all year). This course is intended for students who would benefit from additional time to both review concepts from Math 8 and to cover the Math 9 curriculum with additional time and support. In order for students to be able to have math all year, the Math 9 course is paired with a math strategies block (please note that this is not the same as a Learning Strategies block, which supports ALL subjects).

Numeracy 9

(XLDCE09NM-)

A recommendation from a teacher and/or Inclusive Education is required to take this course. Students will build their skills and confidence in math.

Grade 10

Foundations of Mathematics and Pre-Calculus 10

(MFMP-10---)

This is the branch of math that most students will register in. This branch of math allows access to all three branches of mathematics 11. Students should successfully complete Mathematics 9 and receive a recommendation from their math teacher to register for Foundations of Mathematics and Pre-Calculus 10.

Foundations of Mathematics and Pre-Calculus 10 Linear - by approval only

(MFMP-10--L & YED-0AX-L-)

This is a year-long option for Foundations of Mathematics and Pre-Calculus 10. This course is intended for students who would benefit from a slower pace to cover this dense curriculum. This class will be paired with a learning strategies period where students will be able to do their math work with support if needed. Students will receive 8 credits (four credits for Foundations of Mathematics and Pre-Calculus 10 and four credits for Learning Strategies 10).

Workplace Mathematics 10

(MWPM-10---)

This course is designed for students who intend to enter the workplace, pursue an apprenticeship, or enroll in certain trades programs at college.

Exploring Engineering 10

(MFMP-10H-L & MSTX-0A-L-)

Exploring Engineering 10 is a cross-curricular course combining “Foundations of Mathematics and Pre-Calculus 10” with “Skills Exploratory 10” into a YEAR LONG program. This course is designed for students with high interest, creativity, and task commitment. Students considering this course should have strong, existing math skills and an interest in engineering and technology. The skills part of this course revolves around hands-on practical projects involving making, creating and problem solving in our school’s shop environment. Students will earn 8 credits (four credits for Foundations of Mathematics and Pre-Calculus 10 and four for Skills Exploratory 10). Prepare to be inspired and get excited to learn with like-minded students.

Grade 11

Pre-Calculus 11

(MPREC11---)

This course is designed for students who wish to enroll specifically in a college or university program that requires calculus (such as science, math or engineering). Students should successfully complete Foundations of Mathematics and Pre-Calculus 10 and be recommended by their math teacher to be eligible for Pre-Calculus 11.

Pre-Calculus 11 Linear - by approval only

(MPREC11--L & YED--1DX-L)

This is a year-long option for Pre-Calculus 11. This course is intended for students who would benefit from a slower pace to cover this dense curriculum. This class will be paired with a learning strategies period where students will be able to do their math work with support if needed. Students will receive 8 credits (four credits for Pre-Calculus 11 and four credits for Learning Strategies 11).

Foundations of Mathematics 11

(MFOM-11---)

This course is designed for students who intend to enroll in a college or university program that does not require calculus. Students should successfully complete Foundations of Mathematics and Pre-Calculus 10 and receive a recommendation from their math teacher to register for Foundations of Math 11.

Workplace Mathematics 11

(MWPM-11---)

This course is designed for students who intend to enter the workplace, pursue an apprenticeship, or enroll in certain trades programs at college. Students should successfully complete Workplace 10 or Foundations of Math 10 in order to register for Workplace 11.

Grade 12

Foundations of Mathematics 12

(MFOM-12---)

This course is designed for students who intend to enroll in a college or university program that does not require calculus. Students should successfully complete Foundations of Math 11 or Pre-Calculus 11 and receive a recommendation from their math teacher to register for Foundations of Math 12.

Pre-Calculus 12

(MPREC12---)

This course is designed for students who wish to enroll specifically in a college or university program that requires calculus (such as science, math or engineering). Students should successfully complete Pre-Calculus 11 and receive a recommendation from their math teacher to register for Pre-Calculus 12.

Pre-Calculus 12 Linear

(MPREC12--L)

This is a year-long option for Pre-Calculus 12. This course is intended for students who would benefit from a slower pace to cover this dense curriculum. Unlike the Year-Long options for other grades, this class is NOT paired with a learning strategies period. Instead, it is paired with a study block. Students would attend math every second day and would have a study block on alternating days. Students will receive 4 credits only (4 for Pre-Calculus 12) and need room in their schedule for a study block. Students would not be able to take both Year-Long Pre-Calculus 12 and Calculus 12 since Pre-Calculus 12 needs to be completed before Calculus 12. This course runs subject to sufficient enrolment.

Calculus 12

(MCALC12---)

Calculus 12 is highly recommended for any student planning on taking a post-secondary course of studies in engineering or the sciences as well as other programs that require first year university/college Calculus. Calculus 12 covers the same material that a student will encounter in Calculus 100, a course which has an extremely high failure/drop-out rate at post-secondary institutions. By previewing this material in Calculus 12, high school students get a head start on their university/college calculus course in a relaxed, less stressful, and slower-paced environment where students have more time to absorb material and benefit from more time for teacher explanation & one-on-one help. Note that students must first complete Pre-Calculus 12 to have the requisite skills to be successful in Calculus 12. For this reason, Calculus 12 runs in the spring so that grade 12 students can first complete Pre-Calculus 12 in the fall.

English Language Arts

The aim of English Language Arts curriculums is to provide students with opportunities for personal and intellectual growth through speaking, listening, reading, viewing and writing. The curriculums, which include Composition 10 as a core component, are designed to assist students to make meaning of the world and to prepare them to participate effectively in all aspects of society.

Grade 9

English Language Arts 9

(MEN--09---)

This course stresses an understanding of literary forms; poems, stories, plays, essays, novels, and non-book media provide the resource material. Integrated with the literature and media study is a basic approach to language that emphasizes writing and editing, sentence structure and mechanics. Written and oral assignments are based on literature and language material.

Grade 10

The Grade 10 English Language Arts curriculum is offered in bundles of two. Each student successfully completing each course will receive two credits for a total of four credits of English 10. There are many options for English 10—a set of options that are Indigenous-focused and satisfy the new graduation requirement and the ELA 10 requirement and a set of options that only satisfy the ELA 10 requirement. All Indigenous-focused options are bundled with English First Peoples Writing and the other set are bundled with Composition 10. Students then select one other flavour: Spoken Language, Creative Writing, New Media, Literature Studies.

EFP Literary Studies 10/ Literary Studies 10

(MEFLS10---) / (MLTST10---)

This is designed to support students in their development of written communication through a critical process of questioning, exploring, and sampling. Its focus is on the exploration of identity through texts, understand the social, cultural, geographical, and historical constructs of text, that self-representation through authentic First Peoples texts is a means to foster justice, the role of First Peoples texts in reconciliation and the insights that First Peoples texts and stories provide into Canada's past, present and future.

Literary Studies 10 is designed for students who are interested in the literature of a particular era, geographical area, or theme; or in the study of literature in general. The course allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media. Introducing students to a range of literary topics allows them to follow their passion and at the same time: increase their literacy skills, enhance their abilities to be both expressive and receptive, become educated global citizens, broaden their understanding of themselves and the world as well as develop higher-level thinking and learning skills. The following are possible areas of focus within Literary Studies 10: poetry, short stories, novels, drama, graphic novels, children's literature, Canadian literature, First Peoples' texts, thematic studies, and specific author studies.

EFP Spoken Language 10

(MEFSL10---)

Spoken Language 10 is designed to support students in their development of spoken communication through processes of questioning, exploring, and sampling. The course builds students' spoken language competencies by introducing them to varied structures, forms, and styles of oral compositions and by providing opportunities for students to individually and

collaboratively study, draft, and use language to create original pieces in a variety of modes. This area of choice will also provide students with opportunities for performance, storytelling, and public speaking on a variety of topics including First People's themes through various mediums: pod casts, radio shows, video reports, book talks, slam poetry, poetry recitation, oral storytelling, readers' theatre and event facilitation.

EFP New Media 10/ New Media 10

(MEFNM10---)/(MNMD-10---)

New Media 10 is a program of studies designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. This course is intended to allow students and educators the flexibility to develop a program of study focusing on students' interests, needs, and abilities, while at the same time allowing for a range of local delivery methods. New Media 10 recognizes that digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills vital for success in an increasingly complex digital world by affording opportunities to demonstrate understanding and communicate ideas through a variety of digital and print media.

EPF Writing 10/Creative Writing 10

(MEFWR10---)/(MCTWR10---)

Creative Writing 10 is designed for students who have an interest in creative expression through language. The course provides students opportunities to build their writing skills through the exploration of identity, memory, and story in a range of genres. Within a supportive community of writers, students will collaborate and develop their skills through writing and design processes. This course is intentionally grounded in the sampling of writing processes, inviting students to express themselves creatively as they experiment with, reflect on and practice their writing. The course is intended to introduce students to diverse styles and creative forms such as slam poetry, oratory, rap, drama, song, graphic novels, creative non-fiction, historical fiction, as well as multimodal creative forms that combine visual, written, and oral texts.

Composition 10

(MCMPS10---)

Composition 10 is incorporated into each of the four English 10 choices. Composition 10 is designed to support students in their development of written communication through a critical process of questioning, exploring, and sampling. Within a supportive community of writers, students will work individually and collaboratively to explore and create coherent, purposeful compositions. Students will read and study compositions by other writers and consider a variety of styles as models for the development of their writing. Students will have opportunities to individually and collaboratively study, create, and write original pieces, exploring audience and purpose. They will also develop their craft through processes of drafting, reflecting and revising.

Grade 11

Creative Writing 11

(MCTWR11---)

The Big Idea: Creative writers take risks and persevere. Creative Writing 11 is designed for students who are interested in developing confidence and refining their writing skills through self-expression for various creative purposes. The course provides students with in-depth opportunities to explore personal and cultural identities, memories, and stories in a wide range of genres. Within a supportive community, students will collaborate and strengthen their skills through writing and design processes. Creative Writing 11 is grounded in the exploration and application of writing processes, inviting students to express themselves creatively as they reflect on, adjust, and extend their writing skills. The following are several of the many possible areas of focus within Creative Writing 11 (short fiction, poetry, graffiti styles, styles of literature, authenticity versus sentimentality, literary devices and techniques, the relationship between form and function, etc.). The course could

also include sections on creative non-fiction, such as online blogs, columns, features, articles, captions, memoirs, interviews, or reviews.

New Media 11

(MNMD-11---)

The Big Idea: Digital citizenship requires both knowledge of digital technology and awareness of its impact on individuals and society. New Media 11 is a program of studies designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. This course is intended to allow students and educators the flexibility to develop an intensive program of study centred on students' interests, needs, and abilities, while at the same time allowing for a range of local delivery methods. New Media 11 recognizes that digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills vital for success in an increasingly complex digital world by affording numerous opportunities to demonstrate understanding and communicate increasingly sophisticated ideas through a wide variety of digital and print media. Compared with New Media 10, New Media 11 features tasks and texts of greater complexity and sophistication.

Spoken Word 11

(MSPLG11---)

The Big Idea: Language shapes ideas and influences others. Spoken Language 11 is designed to support students as they refine, clarify, and adjust their spoken communication through practice and revision. The course provides opportunities for students to, with increasing independence, study, create, write, and present 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 spoken language genres for a range of situations. They will develop confidence in their abilities as they consolidate their spoken language skills.

Literary Studies 11

(MLTST11---)

The Big Idea: Questioning what we hear, read, and view contributes to our ability to be educated and engaged citizens. 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 the choice of a range of literary topics allows them to follow their passion and at the same time increase their literacy skills, expand their development as educated global citizens and further develop higher-level thinking skills.

English First Peoples Literary Studies and Writing 11

(MEFLS11---)

The Big Idea: First Peoples literature plays a role within the process of Reconciliation. EFP Literary Studies and Writing 11 is designed for students who are interested in studying First Peoples literature and using writing for 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 writing. Within a supportive community, students work individually and collaboratively to explore oral and written literature and create powerful, purposeful compositions. Through the study of literature and the processes of experimenting with, reflecting on, extending, and refining their writing, students will extend their capacity to communicate effectively in a variety of contexts, deepen their understanding of themselves and the world, and expand their understanding of what it means to be educated Canadian and global citizen.

English First Peoples Literary Studies and Spoken Word 11

(MELSL11---)

The Big Idea: Oral and other texts are socially, culturally, geographically, and historically constructed. EFP Literary Studies and 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. Through the study of literature and the processes of experimenting with, reflecting on, extending, and refining their oral language, students will extend their capacity to communicate effectively in a variety of contexts, deepen their understanding of themselves and expand their understanding of what it means to be educated Canadian and global citizens.

English First Peoples Literary Studies and New Media 11

(MELNM11---)

The Big Idea: Self-representation through authentic First Peoples text is a means to foster justice. EFP Literary Studies and New Media 11 is designed for students who are interested in studying First Peoples literature and examining the evolving role of technology in today's society, especially the increasing importance of digital media in communicating and exchanging ideas and engaging in social advocacy. Students delve deeply into First Peoples oral and written literature in a range of media to explore various themes, authors, and topics. This provides a foundation for students to think critically and creatively as they continue to explore, extend, and strengthen their own writing and communication. Students examine the increasingly complex digital world and have opportunities to demonstrate understanding and communicate sophisticated ideas through a wide variety of digital and print media. Through the study of literature and critical engagement with new media, students will extend their capacity to communicate effectively, deepen their understanding of themselves and expand their understanding of what it means to be educated Canadian and global citizens.

Grade 12

English Studies 12 * (either English Studies or First Peoples English is required for graduation)

(MENST12---)

Students will learn to recognize and use literary terms and poetic devices, to interpret literature and to understand, recognize and use descriptive, narrative, and expository modes of writing. Students will study the short story, drama, poetry and novel(s), and traditional methods of English literary analysis. Students will continue to practice composition skills including multi-paragraph compositions and short, explanatory paragraphs. The course also incorporates Provincial Exam practice and review of previous provincial exams. This course ends with an Exam.

OR

First Peoples English 12 *(either English Studies or First Peoples English is required for graduation)

(MENFP12---)

This 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, prose and authentic historical or contemporary texts created by or with First People. Students will examine texts grounded in a diversity of First Peoples cultures, including local First Nations communities.

Composition 12

(MCMPS12---)

Composition 12 is designed to support students in their refinement and pursuit of mastery of written communication. Students will read and study exemplary compositions by other writers and be exposed to a variety of styles as models for the development of their writing. The curriculum will assist students in developing the skills necessary for the planning, drafting, and editing processes of writing, writing for specific professional audiences and specific academic disciplines, as well as, how to cite sources. This is an elective course and does not meet grade 12 ELA graduation requirements.

Spoken Word 12

(MSPLG12---)

Spoken Language 12 is designed to support students in the refinement of spoken language forms. The course provides opportunities for students, with increasing independence and self-sufficiency, to study, create, write, and present original and authentic pieces for a range of purposes and audiences using real-world applications with impact and effectiveness. Activities could include speech writing/presenting, proposals, interviewing, event facilitation, radio/podcasts/video posts (information items), voice-overs and audio-book production. This is an elective course and does not meet grade 12 ELA graduation requirements.

New Media 12

(MNMD-12---)

New Media 12 is a program of studies designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. This course is intended to allow students and educators the flexibility to develop an intensive program of study centred on students' interests, needs, and abilities. Course activities could include blogging and other web-based writing, writing for social media, gaming commentary, audio-book production, audio-recording and podcasting. This is an elective course and does not meet grade 12 ELA graduation requirements.

Literary Studies 12

(MLTST12---)

Literary Studies 12 allows students to delve more deeply into literature through increasingly complex texts. Students can explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) in a variety of media. This course could focus on a specific author, topic, theme, or inquiry. This is an elective course and does not meet grade 12 ELA graduation requirements.

Creative Writing 12

(MCTWR12---)

Creative Writing 12 is designed for students who are interested in creating a body of work reflective of a sophisticated breadth and depth of skill. The course provides students with opportunities to specialize. Students engage in the exploration of personal and cultural identities, memories, and stories, in a wide range of genres. Within a supportive community, students will collaborate and develop their skills through writing and design processes, celebrating successes. Students may experience writing in the genres of adventure, children's literature, comic/graphic art, fantasy, fan fiction, historical fiction, horror, sci-fi, dystopian, suspense, thriller, tragedy, romance, drama, script writing and/or poetry. This is an elective course and does not meet grade 12 ELA graduation requirements.

Modern Languages

French 9

(MFR--09---)

Suggested Prerequisite: French 8. Students practice meaningful communication, both orally and in writing, about subjects relevant to the lives of young people. Themes include: food, music, leisure activities and movies. Students demonstrate knowledge of each theme by asking and answering questions, expressing opinions, and creating dialogues. Students expand their knowledge of the present and near future tenses; past tense is introduced. Grammar, vocabulary, oral, aural, and reading exercises will be integrated. Cultural elements are an integral part of the course.

French 10

(MFR--10---)

Suggested Prerequisite: French 9. This course is an extension of French 9. Students will expand their vocabulary and their knowledge of verbs. They will master the past tense, thus being able to express themselves in the past, present, and future tenses. New themes include summer activities, the media, part-time jobs, and shopping. There is an increasing emphasis on oral accuracy, listening comprehension, and written composition.

Introductory French 11

(MFR1-11---)

This course is intended for students in Grades 10, 11 or 12 who wish to enroll in a secondary school French course for the first time. No prior French instruction is necessary, but elementary or middle school French would be useful. This is an introductory and accelerated course to French and will cover material from French 9 and 10. Successful completion of this level will enable students to enroll in French 11. Students in this course will develop skills in the four core learning outcomes: speaking, listening, writing and reading. Evaluation activities will include projects, oral presentations and interviews, written assignments, tests and listening quizzes. Students will be introduced to French cultures around the world in order to gain an appreciation of the diversity of this language. This course does not satisfy Language 11 requirements at Universities.

French 11

(MFR--11---)

Suggested Prerequisite: French 10. Students will learn to:

- exchange opinions on topics of interest and justify them
- narrate with detail an event or experience
- demonstrate a facility in the use of present, past and future tenses
- show awareness of cultural differences
- apply a variety of acquired vocabulary, and
- apply structures to enrich expression

French 12

(MFR--12---)

Suggested Prerequisite: French 11. Students will further develop the skills learned in French 11 with some spontaneity in familiar real-life situations. Success depends upon 30 minutes of daily home study, plus making full, thoughtful use of practice opportunities in and out of the classroom.

Japanese 9

(MJA--09---)

This is an introductory course requiring no previous knowledge of the language. Emphasis is on vocabulary building, pronunciation, and developing interpersonal communication skills. Through a variety of activities, the learner will gain an appreciation of the Japanese culture, music, and literature. Students will be evaluated throughout the course on oral presentations, tests, projects, written assignments, and a final exam.

Japanese 10

(MJA--10---)

Suggested Prerequisite: Japanese 9. In a continuation of studies in Japanese, aiming to develop listening, speaking, reading and writing abilities, special emphasis will be placed on effective communication strategies to increase learner confidence and to enhance positive experiences in language learning. Throughout the course, the learner will be exposed to Japanese culture both traditional and contemporary.

Introductory Japanese 11

(MBJA-11---)

Suggested Prerequisite: None

This course is intended for students in Grades 10, 11 or 12 who wish to enroll in a secondary school Japanese course for the first time. No prior Japanese instruction is necessary. This is an introductory and accelerated course to Japanese and will cover material from Japanese 9 and 10. Successful completion of this level will enable students to enroll in Japanese 11.

Japanese 11

(MJA--11---)

This course is a continuation of Introductory Japanese 11 or Japanese 9 & 10. Students will increase their ability to speak, understand, read and write Japanese through a wide range of learning activities. They will also further their knowledge and understanding of Japan through films and discussions.

Spanish 9

(MSP--09---)

This is an introductory course requiring no previous knowledge of the language. Emphasis is on vocabulary building, pronunciation, and developing interpersonal communication skills. Through a variety of activities, the learner will gain an appreciation of the Spanish culture, music and literature. Students will be evaluated throughout the course on oral presentations, tests, projects, written assignments and a final exam.

Spanish 10

(MSP--10---)

Suggested Prerequisite: Spanish 9. In a continuation of studies in Spanish, aiming to develop listening, speaking, reading and writing abilities, special emphasis will be placed on effective communication strategies to increase learner confidence and to enhance positive experiences in language learning. Throughout the course, the learner will be exposed to Spanish culture both traditional and contemporary. Students will be evaluated throughout the course on oral presentations, tests, projects, written assignments and final exam.

Introductory Spanish 11

(MBSP-11---)

This course is intended for students who are undertaking the study of Spanish for the first time in grade 10, 11 or 12. Grade 9 students wishing to take this accelerated course should be academically inclined and motivated to learn the language. This is an introductory course to Spanish that covers material from Spanish 9 and 10, in order to prepare students for Spanish 11. Skills in listening, speaking, reading and writing will be practiced and students will gain an appreciation for the Spanish culture. Students will be evaluated throughout the course on oral presentations, tests, projects, portfolios, written assignments, and comprehensive exams.

Spanish 11

(MSP--11---)

Suggested Prerequisite: Spanish 10 or Introductory Spanish 11. Study of the Spanish language continues with an emphasis on enriching vocabulary and sentence structure using all verb tenses, except the subjunctive. The learner will extend his/her own capacity for creative thought and expression within the context of the language. The learner will continue to grow and develop through active involvement in both the linguistic and cultural aspects of the language. Students will be evaluated throughout the course on oral presentations, tests, projects, written assignments, and final exam.

Spanish 12

(MSP--12---)

Suggested Prerequisite: Spanish 11. Effective communication skills are emphasized. Students will be required to convey information in oral, visual and written forms. As their understanding of the Spanish-speaking world deepens, they will recognize how the Spanish and English languages influence one another.

Physical and Health Education

At Spectrum Community School we are proud to offer a Physical and Health Education program that is both challenging and flexible enough to meet the needs and abilities of all our students. From our required courses to our electives, students can participate in a wide range of electives over their four years at Spectrum. We encourage all students to stay involved in the Physical Education program.

Courses Offered:

- PHE 9 Co-Ed/Girls/Boys
- PHE 10 Co-Ed/Girls/Boys
- Active Living 11/12
- Women's Health, Activity & Movement 11/12
- Fitness and Conditioning 11 & 12
- Athletic Leadership 9 and 10
- Outdoor Recreation 11/12

Physical and Health Education 9 & 10

Gr 9 & 10 Girls / Gr 9 & 10 Boys / Gr 9 & 10 Co-Ed

(MPHE-09--- / MPHE-09G-- / MPHE-09B--) (MPHED10--- / MPHED10G-- / MPHED10B--)

We encourage all students:

- to have fun
- to be physically active every day in class
- to develop skills in individual and team sports as well as recreational activities
- to be involved in outdoor and indoor activities
- to be exposed to a variety of fitness training

Physical Education at this level is a required course for graduation unless medically excused. It is expected that all students participate to the best of their ability to develop social and physical skills, a level of fitness and a healthy approach to active living.

Basic Requirements

Shorts or track pants, a T-shirt with sleeves and proper running shoes are needed. Students should also be prepared to go outside. Regular participation is a basic requirement. When a student is unable to take part in a class because of illness or injury, a parental note explaining the health issue must be given to the teacher on that day for the student to be excused. The note should indicate how long the student is unable to participate in PE classes. If a note is unable to be provided, the student must still participate in class activities.

Objectives

The goal of the department is that the students are given the opportunity to enjoy physical activities at a competitive and recreational level. They will learn rules, strategies, techniques, and movement principals as they relate to various games and activities. Through the class activities the students will improve various social skills, i.e., co-operation, teamwork, good sportsmanship, leadership, respect for individual differences, interpersonal relationships. The student will develop an understanding of the terms fitness and health and will know how to apply this knowledge to everyday living.

Evaluation is based on the following areas:

- Participation
- Skill Development
- Fitness
- Knowledge

Athletic Leadership 9/10

(MPHE-09A-- / MPHE10A-- / XLDCH09AL- / YLRA-0AX--)

Students must apply to be accepted into this course which is designed to allow like-minded students the opportunity to expel interests in a range of athletic pursuits. The course runs in conjunction with PE 9/10 for a double block of time. Students will be given the opportunity to learn and demonstrate leadership skills in many situations, such as scorekeeping, managing tournaments, refereeing, managing recreation for older adults and elementary students, managing recreation for local families, and supporting health in our school and community. There is also the opportunity to participate in many outdoor pursuits away from the school, such as sailing, kayaking, disc golf, golfing, rock climbing, beach volleyball, skating, skiing or snowboarding, and martial arts; all of which emphasize working together as a team to achieve goals. Students will participate in first aid training as well. The program is best suited for students who have a strong interest in athletics, responsible, well-organized, and self-disciplined. Applicants will be concerned based on their application and reference, as well as in grade 10 a fitness evaluation. There are some costs to the program.

Active Living 11 & 12

(MACLV11--- / MACLV12---)

These courses are designed with the intent of promoting healthy active lifestyles that include physical activity. Students experience a variety of athletic activities that include team games, racquet sports, and minor games all with an emphasis on recreational participation. Regular fitness activities will also be included.

Fitness and Conditioning 11 & 12

(MFTCD11--- / MFTCD12---)

Fitness and Conditioning is offered to those senior students interested in pursuing a healthy, active lifestyle. A variety of training principles will be used to allow students the opportunity to experience the benefits of an intense fitness regime. Weight training, core training, circuits, regular runs, and plyometrics will be some of the common challenges for these courses. Students with all levels of fitness are welcome and encouraged to enroll. A high level of determination and commitment will ensure success in these courses.

Fitness and Conditioning 11 & 12 / Kinesiology 120 (Dual Credit)

(MFTCD12AM-)

In this Dual Credit course, in partnership with Camosun College, students will study basic fitness principles to explore the ways in which fitness training and lifestyle behaviours impact health and wellness in a range of populations and various cultures within Canada including Indigenous Peoples. Behaviour change and goal setting will also be explored as the students study a series of fitness and wellness components. Students will also learn and practice a range of practical basic physical fitness and exercise training methods and techniques. Students will work through the curricular competencies of Fitness and Conditioning 11/12 while coinciding with Kinesiology 120 assignments, projects, tests and lab work. Travel to Camosun Interurban campus once a week is required for this program. Punctuality, attendance, and participation is mandatory. This course is available upon acceptance for students going into grade 11 and 12 and are interested in pursuing a Kinesiology diploma, certificate, or degree. See Ms. Condie in the CRC for an application.

Women's Health and Movement 11 & 12

(MACLV11W-- / MACLV12W--)

WHAM is a PE course for both grade 11 & 12 female identifying students that wish to have a say in what will be done in class. If you enjoy being active, participating in healthy game competition or maybe have an interest in a post-secondary experience or career involving sport or healthy active living, then this is the course for you! Class involvement and choices will be included at the start of this course to help accomplish personal fitness goals. Your grade will be based on attitude, effort, and participation.

Yoga for Mindfulness (10-12)

(YPA--0CX-- / YPA--1CX-- / YPA--2CX--)

This course is designed to help students dedicate time to the combined practice of physical movement and mental/emotional techniques to help manage day to day life. Whether you are a dancer/athlete looking for increased strength and flexibility or someone trying yoga for the first time, this is the course for you. Students will improve their holistic well-being by learning about stress management, yoga postures, meditation, breathing techniques, and mindfulness skills. Through this process, practicing students will learn more about themselves and their body. This course is an inclusive course welcome to all students, genders, and abilities.

Outdoor Recreation 11/12

(YPR—2AX---)

This program is taken in grade 11 in conjunction with English 11 and in Grade 12 in conjunction with PE 12. It is designed to provide opportunities to gain knowledge and skills in outdoor recreation, community recreation and recreational leadership. The program is best suited for students who have strong interest in outdoor pursuits, responsible, well-organized and self-disciplined. Applicants will be considered based on a fitness evaluation and reference. There are some costs to the program. Some outdoor activities include:

- Surfing
- Golfing
- Rock climbing
- Scuba diving
- Lawn bowling
- First aid
- Orienteering
- Wilderness running
- Backpacking
- Hiking
- Sailing
- Beach volleyball
- River rafting
- Strength and aerobic training

Science

Science 9

(MSC--09---)

This required course is designed to expose students to a variety of topics in the areas of Physical Science, Life Science and Earth and Space Science. The Scientific Method is incorporated as students develop an understanding of the role of science in their surroundings. These topics include: elements, the Periodic Table, compounds, chemical formulas, static electricity, current, electric circuits, cell reproduction, reproduction in living organisms, and interactions within ecosystems.

Science 10

(MSC--10---)

Students expand on the knowledge and skills developed in Science 9. Students have another chance to sample four disciplines in science before choosing one branch as a focus for their study in Grade 11. Topics include: structure of atoms, ions and molecules, classes of compounds, chemical reactions, radioactivity, origins of the universe, energy transformations and genetics.

Science 10: Enriched

(MSC--10H--)

The Science 9 and 10 Enriched classes will be offered to students with high interest, creativity, and task commitment; there is no application required for these courses. The purpose of the enriched class is to provide enrichment within and beyond the regular curriculum. Enrichment may include guest speakers, field trips, demonstrations, audiovisual materials, as well as other in and out of school experiences that may help expand the course materials for students. Honours students will be required to do more advanced and in-depth studies on certain topics. These might include: (a) written report or presentation on current events in science, (b) research paper, (c) an original experimental research project, (d) presentation of an original experimental research project, or (e) construction of a model or device.

Chemistry 11

(MCH--11---)

Pre-Cal 11 or FOM 11 is a recommended co-requisite. Chemistry 11 is an introductory course. If you are interested in pursuing a science related career, it is a prerequisite for most post-secondary science programs. Topics include: review of lab safety, scientific calculations and measurements, investigation of the periodic table, types of reactions, chemical bonding, solubility and organic chemistry.

Earth Science 11

(MES--11---)

Earth Science 11 is an introductory course. A variety of topics will be presented including mineral identification, forces that create and destroy landforms, earthquakes, volcanoes, plate tectonics, climate change, oceanography and astronomy. The Earth is a dynamic, complex system. Earth Science 11 begins the exploration of this system through its investigation of forces that create and destroy landforms, oceanography, meteorology, and astronomy. Earth history and mineral formation and identification are also introduced.

COURSE NOTE: This course meets the Science 11 requirement for high school graduation but is usually not recognized for university entrance.

Environmental Science 11

(MEVSC11---)

This introductory course will explore the complex relationships that exist in our local ecosystem. We will investigate how humans can affect the sustainability of ecosystems, and what our role can be in stewardship and restoration of the environment through action projects in our community. This course is open to enrollment for students in grades 10, 11 & 12.

Life Science 11

(MLFSC11---)

Previously referred to as Biology 11, this introductory course surveys organic forms from the simplest (viruses) to the most complex (vertebrate animals). You will study organisms from each of the Five Kingdoms of Life in terms of structure/function and evolutionary relationships. Other topics will include evolutionary theory and ecology. You may be required to do a dissection. This course is recommended if you wish to pursue a Biological or Science related program.

Physics 11

(MPH--11---)

Pre-Cal 11 is a recommended co-requisite. Physics 11 is an introductory course which is recommended if you wish to pursue a science-related career as it is a prerequisite for many post-secondary science programs. There is a substantial emphasis on applying mathematics to problem situations in theory and in experimental design. This is a lab course and as such, there is a considerable lab component to this course. Various topics include a review of scientific calculations and measurements, the study of motion and forces in one and two dimensions, energy relationships, electric circuitry, and wave mechanics.

Science for Citizens 11

(MSCCT11---)

This course looks at how science impacts our daily lives, everyday uses and safety implications in the home or workplace and how natural and human changes affect global systems. The following topics will be studied:

- Personal/Home Science: Nutrition and lifestyle, allergies, medications and supplements, household chemicals, home automation, home electronics and home appliances.
- Scientific Literacy: Informed decision making and science versus pseudoscience.
- Local/Workplace Science: Waste recycling processes, landfills, chemical safety, forensic science.
- Natural Resources and the Environment: Extreme weather events, disaster preparedness, agricultural sciences, energy generation and sustainability.

COURSE NOTE: This course meets the Science 11 requirement for high school graduation but is not recognized for university entrance.

Anatomy and Physiology 12

(MATPH12---)

Previously referred to as Biology 12, this course is a survey of the body systems and how they are integrated. The learning outcomes are categorized under the following headings: Cell Biology, Cell Processes and Applications, and Human Biology. This course has a heavy workload and background in chemistry is helpful. This course is recommended if you are pursuing a career in the biological and health sciences. This course is a prerequisite for many post-secondary science programs, as well as being an option for college or university entrance requirements.

Chemistry 12

(MCH--12---)

Pre-requisite: Chemistry 11; recommended pre-requisite Pre-Cal 11 or FOM 11. This course is a prerequisite for many post-secondary science programs as well as being an option for college or university entrance requirements. There is a substantial emphasis on applying mathematics to problems situations. Topics include: reaction rates, equilibrium reactions, solubility reactions, acid-base reactions and electrochemical reactions.

Physics 12

(MPH--12---)

Pre-requisite: Physics 11, Pre-Calculus Math 11. This course is a prerequisite for many post-secondary science programs as well as being an option for college or university entrance requirements. There is a substantial emphasis on applying mathematics to problem situations in theory and in experimental design. This is a lab course and as such, there is a considerable lab component to this course. Physics 11 topics such as kinematics, Newton's Laws, vectors, and energy are covered in greater depth. Various new topics include: linear momentum, circular motion, special relativity, electrostatics, and electromagnetism. Pre-Calculus 12 is a strongly recommended co-requisite to this course.

Physics 12 / Physics 104 (Dual Credit)

(MPH--12D--)

Pre-requisite: C in Physics 11, C in Pre-Calculus Math 11; Pre-Calculus 12 is recommended. Dual Credit Physics 12 is an exciting opportunity for students to receive credit for Physics 12 and credit for Physics 104 from Camosun College. This course will be team taught with an instructor from Camosun College within the timetable. There is a substantial emphasis on applying mathematics to problem situations in theory and in experimental design. This is a lab course and as such, there is a considerable lab component to this course. Physics 11 topics such as kinematics, Newton's Laws, vectors, momentum, and energy are covered in greater depth. Various new topics include: circular motion, thermal energy, nuclear energy, fluids, electrostatics, and electromagnetism. See Ms. Condie in the CRC for an application.

Independent Studies: Garden Focused

(MIDS-1A—L /MIDS-2A—L)

An Independent Studies class offers students the opportunity to develop and pursue their own educational goals as they relate to gardening and the production, sale and distribution of harvest boxes. Students will develop and self-assess their own learning goals in a flexible year-long course that is outside the timetable. Students can expect experiential learning in the garden from September to November and March to June which will provide the skills and confidence to grow and maintain a sustainable garden of their own.

There will be weekly check-ins to provide accountability and support, however there is ample flexibility to suit every student's schedule.

ROBOTICS 10 – 12

(MTROB10)

Are you passionate, mature, and self-directed? This course is for students who are interested in exploring the ever expanding world of robotics. As part of our Spectrum STEM community, you will learn valuable skills from tools and machinery, to teamwork and collaboration. These skills, along with engineering techniques, will be applied to a variety of tasks including: iterative design, programming, prototyping and building reliable robots. No prior experience is needed to enroll, just a willingness to learn. This class will operate alongside our existing Thunderbots robotics team and participating students will be working on robots that will compete locally and provincially. *This is a FULL YEAR course that runs outside of the timetable.*

Social Studies

Graduation Requirements

All students must take the following Social Studies courses in order to meet Graduation Requirements: Social Studies 10; and one senior level social studies course (grade 11 or 12). There are quite a number of courses offered in the Social Studies Department. Those that satisfy graduation requirements are denoted with an asterisk (*).

Social Studies 9

(MSS--09---)

Students in Social Studies 9 will be exposed to various learning/teaching styles as they progress through the following curricular units:

- **World War One & Canada's Role**
- **Revolutions**
 - Canada
 - Upper & Lower Canada Rebellions (leading to Confederation)
 - Red River & North-West Rebellions (Riel)
 - International (American and/or French Revolutions)
 - Industrial
- **Discrimination**
 - First Nations (Indian Act; critical look at Douglas/Macdonald)
 - Chinese (building of railway & geography)
 - WWI Internments
 - Immigration
- **Local History**
 - Victoria
 - Gold Rush
 - D'arcy Island

Social Studies 9 will engage in some project-based learning & critical thinking (working on drawing conclusions & finding connections). There will also be a consistent 'current events' thread, as we look to become aware of the issues that impact Canada. Possible careers linked to the vast Social Studies field will also be introduced.

Social Studies 10

(MSS--10---)

Students in Social Studies 10 will be exposed to various learning/teaching styles as they progress through Canadian 20th & 21st century history organized into the following curricular units:

- **Ideologies & Government**
- **The 20's**
 - will include women's rights & the 'prohibition' era
- **The Great Depression**
- **World War II & Canada's Role**
- **The Holocaust**
- **Cold War & Peacekeeping**
- **Canadian Identity**
 - French/English Relations
 - Relations with Britain & the U.S.
- **Discrimination & Immigration**
 - First Nations (Residential Schools, Truth & Reconciliation)
 - SS St. Louis
 - WWII Internment (Japanese-Canadians)
 - Komagatu Maru

Both Social Studies 10 will both engage in some project-based learning & critical thinking (working on drawing conclusions & finding connections). There will also be a consistent 'current events' thread, as we look to become aware of the issues that impact Canada. Possible careers linked to the vast Social Studies field will also be explored, as well as post-secondary options.

Explorations in Social Studies 11*

(MEPSS11---)

This course includes the following curricular units:

- The study of political and economic systems and structures, to promote understanding how political decisions are made and develop the critical thinking skills necessary to being an informed and engaged citizen and promote an understanding of the rights of individuals in Canada.
- A selection of global 20th century history topics exploring how social, cultural, and technological innovations and developments in the 20th century led to profound changes in personal and national identities. Exploring the concept that the intentional destruction of peoples and their cultures is not inevitable, including the recognition of and responses to genocide.
- A philosophy unit examining the fundamental nature of knowledge, existence, and reality with a focus on the philosophers of ancient Greece.
- This course is designed to introduce students to various topics in the study of humanities in order to encourage further study. The course is an inquiry based course. It will emphasize the development of critical thinking skills and will involve a variety of learning and teaching styles including project based learning opportunities.

Note: A final research project including a presentation will be required in lieu of an exam

20th Century History*

(MWH--12---)

20th Century History is an inquiry-based course. It will emphasize the development of critical thinking skills and will involve a variety of learning and teaching styles including project based learning opportunities. 20th Century History includes the following curricular units:

- The examination of the impact of authoritarian regimes in the 20th Century civil wars, independence movements, and revolutions: including the Soviet Union, from the Russian Revolution to the collapse of the Soviet state. The rise of Nazi Germany and Hitler including the Holocaust. The Communist revolution and the rise of Mao. Guerilla warfare in Central and South America. Vietnam, 1945–75
- Human rights movements, including women's movement toward equality US civil rights movement (segregation and desegregation) and the struggle against apartheid.
- Global conflicts, including World War I, World War II, and the Cold War
- Migrations, movements, and territorial boundaries, including post- World War I Middle East. Palestine/Jewish settlement.
- Social and cultural developments in the 20th Century, including the changing role of women.

20th Century History/History 106 (Dual Credit)

(MWH—12D--)

Twentieth Century History 12/History 106 Dual Credit is an outstanding opportunity for students to receive credit for Twentieth Century History 12 and for History 106 from Camosun College. This course will be team taught with a professor from Camosun College within the timetable. Topics include: Introduction to the Twentieth-Century, Russia in the Early 20th Century, China in the Early 20th Century, Prelude to World War I, Japan in the Early 20th Century, World War I, Failed Peace, The Russian Revolution, Mandates and the Middle East, The Myth of the "Roaring Twenties", Inter-War Readjustments, Civil War in China, The Depression of the 1930's, Fascism and Nazism, Prelude to World War II and World War II. See Ms. Condie in the CRC for an application.

Comparative Cultures & Comparative World Religions*

(MCMCC12--- / MWRL-12---)

Both of these courses, Comparative Cultures & Comparative World Religions will enhance your knowledge of various cultures and religions around the globe from pre-history to present. Throughout the areas of study, belief systems will be covered as they relate to each culture's mythology, spirituality, religion, social structure and various other factors in society. Some topics to be examined, in varying depths, may include pre-history, Mesopotamia, Egypt, Rome, Greece, and major world religions (including their growth, core beliefs & influences).

NOTE: A final research project and/ or oral presentation will be required in lieu of an exam for both courses.

NOTE: These courses may be taken at either the grade 11 or 12 level.

NOTE: You may take the course twice to receive both sets of credits (it is recommended to take CC followed by CWR in this case).

You can opt to take the courses and receive credit for:

Comparative Cultures -We will focus on various cultures through the lens of understanding of nomadic peoples, the birth of language, cities, and civilizations as it lends itself to the broad scope of cultures, religions and eras that will be covered through various aspects such as governance, customs, literature, architecture, and the arts. Your final project will focus on the examination of a topic of your choice.

Comparative World Religions - If you have previously taken Comparative Cultures then this course will involve a more self-directed approach to World Religions and will include a more in-depth study of the aspects of belief systems, spirituality, and mythology across time and place and how they have influenced values, cultures and traditions. Your class assignments & final project will have a religious aspect to them.

B.C. First Peoples 12 (This course satisfies the Indigenous-focused grad requirement)

Using various curricular competencies & learning standards, students will address the following in relation to the First Peoples of British Columbia:

1. How the identities, worldviews, & languages of B.C. First Peoples are renewed, sustained, & transformed through their connection to the land
2. How colonialism continues to impact the political, social, & economic lives of B.C. First Peoples
3. How cultural expressions convey the richness, diversity, & resiliency of B.C. First Peoples
4. How self-governance & self-determination can aid B.C. First Peoples to resist & challenge ongoing colonialism

Genocide Studies*

(MGENO12---)

This is a course that will examine the origins/development of the term 'genocide'. This examination will include looking at the different conditions that exist in genocide, including characteristics and stages. We will spend a significant amount of time studying The Holocaust, as well as both the Bosnian and Rwandan Genocides. Students will also have the opportunity to independently look at other 20th/21st century events. Other topics that will be covered include: international law, the role of the U.N., remembrance, and current conditions around the world.

MLTST10---Physical Geography*

(MPGEO12---)

Geography 12 explores a variety of topics. By the end of the course students should be able to gather and interpret information from a number of map types; describe the building of the continents including plate movements, volcanoes and earthquakes; explain the building up and erosion of these same land forms due to the movement of water, wind and ice; describe and account for global differences in weather, soil, natural vegetation and wildlife; understand how the distribution of the above affects human activities and how human activities in turn, affects them; describe the

characteristics and distribution of renewable and non-renewable resources; explain how they can be mismanaged and recommend methods of resource use that are more sustainable and environmentally sound.

Law Studies*

(MLST-12---)

This course examines the framework of our present legal system and is divided into two main types of law: Criminal and Civil. Criminal Law focuses on the Criminal Code of Canada, bringing the accused to trial, trial procedures, and from sentencing to release. Civil Law focuses on legal issues that students may face in high school and their early adult years. Topics include: litigation, employment law, landlord and tenant law, and family law.

Political Studies*

(MPLST12---)

Students interested in current government, politics, and making a difference in their world should take this course. The aim of Political Studies 11 is to enhance one's abilities and willingness to participate actively and responsibly in the issues that affect people at the local and global level. The course is "hands-on", providing students with opportunities to voice opinions, to debate and to actively engage in current issues and events through projects and campaigns. Areas of study include: Canadian government, Canadian politics and political parties, political ideologies, the Constitution, the Charter of Rights and Freedoms, International Relations, and Human Rights. Students interested in pursuing studies in Political Science, History, Global Studies, Law and Criminology should consider taking this course. Upon completion, students should view themselves as more informed and capable citizens better equipped to make a difference in our community, nation and world.

The following courses will satisfy elective requirements but not the social studies graduation requirement

Intercultural Studies 11

(YESFL1BX--)

This class supports and encourages ELL and ISP students to engage in the richness and diversity of Canadian culture, history, geography, and current events. This is a catch-up course for students to become more aware of Canadian culture, inclusive of Indigenous history, European settlement, immigration and refugee settlement and to better understand why Canada embraces multiculturalism. This is a 4 credit course.

Psychology 11

(YPSYC1AX--)

Psychology 11 examines the various theories which attempt to explain human behavior such as "Why do people behave the way they do"? Topics that will be covered will include, Introduction / History of Psychology, Research Methods, Altered States of Consciousness, Sensation and Perceptions, Learning: Principles and Applications, Motivation and Emotion, Psychological Testing, Stress, Psychological Disorders, Therapy and Change, and Group Interactions. This class can be taken in grade 11 or 12.

Psychology 12

(YSPSYC2AX)

Topics covered in Psychology 12 will include; workings of the mind, memory and thought, thinking and language, ethical questions, developmental theories, cults, historical and modern experiments. Psychology 11 is recommended but not required.

Psychology 12 & Psychology 130 (Dual Credit)

(YPSYC2AC--)

Psychology 12 is an exciting opportunity for students to receive credit for Psychology 12 and credit for Psychology 130 from Camosun College. This course will be team taught with a professor from Camosun College within the timetable. Topics include: the application of psychological knowledge on lifespan development, personality, abnormal behavior, social cognition, social influence, and social relations to a variety of contemporary social issues. Psychology 11 is recommended but not required. English 12 is a co-requisite. Students will be responsible for purchasing the textbook. There will be a small Camosun College entry fee as well as paperwork required to take this course. See Ms. Condie in the CRC for paperwork and career pathway before this course is selected.

Criminology 12

(YLAW-2CX--)

This course is divided into two main units. Unit 1 is an introduction to the techniques and technologies used in forensic criminal investigations. Real crime case studies are used to study the compelling account of forensic science's role in criminal investigations. Topics include history of forensic science, crime scene investigations, entomology, poison, knives and blunt instruments, strangulation and suffocation, drowning and burning, ballistics, fire and explosives, frauds and forgeries, fingerprints and footprints, trace elements, blood, DNA, and the future for forensic science. Unit 2 is an introduction to The Canadian Criminal Justice System and focuses on the history of law and justice, the Criminal Code of Canada, the Canadian Charter of Rights and Freedoms, and the Youth Criminal Justice Act.

History of Rock & Roll

(YSSC-2AX--)

This course is open to both grade 11 and 12 students, and it will allow students to explore how rock & roll music, which critics said "wouldn't last," has not only lasted, but it has changed the world. Students will learn about how the first music meant for teenagers has impacted the world on a cultural, social, and political level. From even before Elvis to the 'British Invasion,' to the psychedelic sixties, to hard rock and heavy metal, to grunge, rap, and hip-hop, and all genres in between, rock has always been the music of young people and their desire for freedom of expression. The course will allow students to personalize their learning, focus on project-based assignments, and explore their own musical interests and passions.

Global and Intercultural Skills Course 12

(YSSC-2BX--)

Students will develop their intercultural knowledge and competencies through explorations of their individual, cultural, community, provincial, and national identities, and those of people from cultural and/or national identities that differ from our own. Through this course, students will gain the knowledge, awareness, and skills to navigate across cultures and understand the dynamics of global interconnectedness. This course is part of the Global and Intercultural Skills Program (GISP) that students may choose to enrol in. This course and program would give students access to short- & long-term 'study abroad' & 'student exchanges', as well as possible employment opportunities. Students that wish to enroll in the Global and Intercultural Skills Program will also receive a program certificate.

For further information on the GISP go to: <https://www.studyinvictoria.com/programs/global-intercultural-skills-program-gisp> or see Mr. Thatcher in room 158.

Applied Design, Skills and Technologies

ADST Technology and Trades Education programs offer many diverse opportunities to students including apprenticeships (see the CRC Coordinator). It is strongly recommended that Technology and Trades courses be taken consecutively by grade. Safe practices and procedures will be emphasized in all courses.

General Explorations 09

(MADGE09---)

This introductory Grade 9 course covers the areas of woodwork, metalwork, power mechanics and drafting. These will be divided equally over the course of one semester. Each unit will emphasize safe practice in its venue and give a student a sample which may provide the basis for selecting further offerings in the one or more areas.

Metalwork 09

(MADM-09---)

This course explores the development of ideas with an emphasis on innovation and creativity. The process of developing ideas into metal products is the major theme. Areas explored will be metal art, machining, and welding. The learning of safe shop practices and procedures forms the backbone of this course.

Woodwork 09

(MADW-09---)

Woodwork 9 covers project planning, designing, and making of projects in wood using the latest equipment and techniques. Introduction to hand and power tools with an emphasis on safety will be the focus of the course.

Drafting 10

(MTDRF10---)

Drafting and Design 10 will introduce students to board drafting with a focus on orthographic, mechanical and architectural drafting. Students will have a design challenge where they will physically draft and design a prototype, which they will then build and test. Additionally, they will create a partial set of house plans. The house plans will also be used to introduce computer automated design using two drafting and design programs. Students may also get the opportunity to draw and design an object, then cut it out using a CNC machine. Programs that will be used are a gateway to programs used in Drafting and Design 11-12 and also used in post-secondary engineering courses.

Power Technology 10

(MTPOW10---)

This course further explores the mechanics, design and use of power. The course is intended to acquaint the student with different fields where mechanical principles are applied. Students will also be learning about alternate forms of power development and four cycle engines through theory and hands on work. Students will be instructed on the correct procedures including shop safety, disassembly, reassembly, and servicing of a small gas engine. This course provides an integrated pathway to Automotive Technology courses at the Grade 11 and 12 levels.

Metalwork 10

(MTMET10---)

This course will enable students to refine and build on skills introduced in the previous metalwork course. In this course, students work through a series of projects that incorporate all basic metal working skills and operations. Once assigned projects are completed, students will be encouraged to specialize and excel in areas of interest by designing and

constructing a project that builds on what they have learned. Students will learn to work safely in the areas of machining, foundry, welding and sheet metal.

Woodwork 10

(MWWK-10---)

This course is an introduction to the art of fine woodworking. Students work through a series of projects that incorporate basic woodworking skills and operations. The course will cover various types of joinery, lathe work and basic finishing techniques. After completing the required projects, students will have an opportunity to use their new skills to design and build their own projects. Emphasis is on safety and learning new skills in fine art of woodworking. There may a cost to students who choose to use exotic wood and materials to make their projects from.

Exploring Engineering 10

(MFMP-10H-L & MSTX-0A--L)

Exploring Engineering 10 is cross-curricular course combining Math 10 with Skills Exploratory 10 into a YEAR LONG program. This course is designed for students with high interest, creativity, and task commitment. Students considering this course should have strong, existing math skills and an interest in engineering and technology. The skills part of this course revolves around hands-on practical projects involving making, creating and problem solving in our school's shop environment. Students will earn 8 credits (4 for Foundations and Pre-Calculus Mathematics 10 and 4 for Skills Exploratory 10). Prepare to be inspired, and get excited to learn with like-minded students.

Skills Exploratory 10A, 11 & 12

(MSTX-0A--- / MSTX-1A--- / MSTX-2A---)

Are you curious to what construction trades are? Skills Exploration is an introductory and engaging program in which students use hands-on learning to acquire skills and knowledge in Carpentry, Electrical, Automotive and Plumbing. Projects will be practical and will involve making, creating, and problem-solving. Students who are hands-on learners and who are open to the idea of further their understanding of trades should take this course. Skills Exploration will give students a better understanding of what's involved in these specific trades. Prepare to be inspired, get excited and learn with like-minded students. This course may be taken more than once for additional credits and advanced concepts.

Woodwork 11 & 12

(MWWK--11--- / MWWK--12---)

Learn to develop your fine woodworking skills. Students will work with a large variety of woodworking tools and techniques to build projects which may include; tables, chairs, turned bowls or a variety of other wooden projects. Students can also choose to design their own. Depending on the size and materials chosen for project(s), there is small cost to students who take this course to partially cover the cost of the material of projects they will take home.

Drafting 11 & 12

(MTDRF11--- / MTDRF12---)

Apart from some brief hand-drafting review, this course in drafting is entirely computer based. The program covers pictorials, isometrics, orthographic projections, section views, auxiliary views and working drawings. 3D modelling and rendering are introduced using AutoCAD 2018 design software. Further use of the CNC machine will be used. This course would be invaluable to students considering engineering programs, architecture or building design and traditional trades at postsecondary institutions. This course provides the opportunity for students to explore the world of Architecture using AutoCAD 2018 Architecture drafting/design software. To accomplish the objectives of the course, students will design a 3000 sq. ft. house on two floors and make a complete set of working drawings. Students will become familiar with City of Victoria & BC Building Codes. (Though not mandatory, Drafting 10, is strongly advised)

Automotive Service and Repair 11

(YMR--1CX--)

This is a beginner program for students in grade 11 or 12 that are learning to drive, and want to learn how to do their own simple repairs. Do you want to save thousands of dollars by knowing simple maintenance? Well then, this course is for you! ADST Automotive 11 is not for the experienced, but rather for students who are new to cars. ADST Automotive 11 explores what you need to know to keep a car running safely and efficiently. You will learn how to perform maintenance checks, to ensure your vehicle is running at its best. Discover simple procedures that you can perform on your car, without hundreds of dollars in tools and machinery. The focus of these procedures will be small jobs that you can do in your driveway which will increase your confidence in your driving career. Tasks such as changing a tire, oil or even installing new brake pads will be covered. NO EXPERIENCE PREFERRED.

Automotive Technology 11

(MTAUT11---)

This is a hands-on and theory related exploratory course in the world of the automobile. Students will work on modular components with the opportunity to apply their knowledge to running vehicles. Topics covered, but are not limited to, Shop safety, vehicle maintenance, oil changes, disc and drum brakes, suspension, engine components, tuning, accessories, wheels, tires, exhaust and small auto body repair. Discussion topics will also include driver safety, purchase and sale of vehicles, insurance, and other automotive related careers and specialties.

Automotive Technology 12

(MTAUT12---)

This is a more advanced hands-on and theory related course emphasizing improving upon the skills acquired in previous course work as well as advancing to more complex topics as emissions testing, electrical testing, high performance engine, and suspension systems. Students will be given the opportunity to take on larger project work.

Metal Fabrication and Machining 11 & 12

Metalwork 11 & 12

(MTMET11--- / MTMET12---)

This course introduces design, problem solving and manufacturing skills in the metal shop environment. Students will utilize both ferrous and non-ferrous metals in the production of teacher assigned projects as well as the student's individually developed designs. Choices of Metal Fabricating and Machining 11/12 projects may include: welding, sheet metal, machining, casting or a combination.

Machining and Welding 12

(MTMAW12---)

Students who are interested in pursuing welding as a career are offered this course to refine their competency in welding and fabrication processes. The emphasis during the course will be to prepare students for a post-secondary welding program. Equipment and techniques utilizing electric arc, oxy-acetylene, T.I.G. and M.I.G. will be the primary focus. This is a "hands-on" course where students will be involved in developing their skills through practical experience.

Art Metal and Jewellery 12

(MTAMJ12---)

Art Metal and Jewellery introduces you to the artistic possibilities in metalwork. Come and create many unique and personal projects for you and your home! Techniques and skills include; ring making, copper enameling and bead making, pewter and silver casting, ornamental chain making, two and three dimensional wire work, and much more. This course is open to students in Grades 11 & 12.

ROBOTICS 10 – 12

(MTROB10)

Are you passionate, mature, and self-directed? This course is for students who are interested in exploring the ever expanding world of robotics. As part of our Spectrum STEM community, you will learn valuable skills from tools and machinery, to teamwork and collaboration. These skills, along with engineering techniques, will be applied to a variety of tasks including: iterative design, programming, prototyping and building reliable robots. No prior experience is needed to enroll, just a willingness to learn. This class will operate alongside our existing Thunderbots robotics team and participating students will be working on robots that will compete locally and provincially. *This is a FULL YEAR course that runs outside of the timetable.*

Electrical Trades Career Pathway

The Electrical Trades Career Pathway is for students interested in pursuing a dynamic career opportunity as a Construction/Industrial Electrician. The focus of the program is student preparation for post-secondary opportunities at college, university and/or the workplace. Required courses are:

- Electrical Trades Apprenticeship 11
- Electrical Trades Apprenticeship 12A
- Electrical Trades Apprenticeship 12B
- Work Experience 12A

Note: Drafting and Design 11 and/or 12 are strongly recommended in addition to the Electrical Trades Career Pathway. This course enhances a student's application to the Electrical Trades Apprenticeship.

Electrical Trades Apprenticeship 11

(YCOT-1CX--)

This course is an introduction to Electrical Trades Training. Students will cover a variety of topics, including an exploration of the fundamentals of electrical work, single pole, three way and 4 way lighting circuits, conduit bending, power distribution, preparation/understanding use of the Canadian Electrical Code and the use of electrical testing equipment.

Electrical Trades Apprenticeship 12A

(YCOT-2AX--)

This class is a continuation of introduction to Electrical Trades 11 for students wanting to pursue a career in the dynamic Electrical Trade. Topics include: advanced conduit bending, wiring methods, network wiring, preparation towards understanding the use of the Canadian Electrical Code, Electrical trade related mathematics, measuring, motor control and electrical blueprint reading.

Electrical Trades Apprenticeship 12B

(YCOT-2BX--)

This advanced course completes the preparation towards the partnership with Camosun College. At the end of the program, students will attend a 10-week Camosun College course to carry out the "hands on" practical skills required for the electrical trade. Upon completion of this course, Student will achieve Level 1 Apprenticeship certification in the workplace. Students must have completed Electrical 11 and Electrical 12A to take this class.

Visual & Performing Arts

Spectrum offers a wide range of diverse and popular course opportunities in the Visual and Performing Arts. The Spectrum Fine Arts Certificate is provided to students who complete a suite of coursework in any one of the specialty areas at the end of their graduation year. There will be an application made available to all graduating students during their last semester of grade 12 who are interested in receiving the certificate.

Visual Arts

The Visual Arts program offers a broad range of studio experiences covering a variety of art methods, mediums, and art history topics. Note 1: All art students are expected to have some art equipment including: fine tip black felt pen, HB, 2B, 4B pencils and a sketchbook. Note 2: There are no pre-requisites for Visual Arts 9 or Visual Arts 10. It is recommended that students have taken Visual Arts 9 or 10 before any Art 11. It is recommended that students complete an Art 11 course before taking an Art 12.

Visual Arts 9 & 10

Visual Arts 9 (MVA--09---) / Art Studio 10 (MVA10---)

This course is designed to build self-confidence and basic skills in a variety of mediums. You may take this course in both grade 9 and grade 10. Please note that projects will be different from year to year. Topics covered will draw from the following:

- Design-explore the elements of art and the principles of design and image development strategies
- Drawing-learn to draw by seeing light, shadow and shape, blind contour, contour drawing, gesture drawing, rendering three-dimensional objects in a two-dimensional space
- Modeling-examine objects in the environment to see how light sources create gradation of value. Study hatching, cross-hatching and stippling techniques
- Painting-an introduction to colour theory and an exploration of colour glazes, paint, watercolours, pastels and other painting media through various styles and techniques
- Printmaking-an introduction through mono and block prints
- Sculpture-explore three-dimensional art with an introduction to clay, glazes, pinch, coil and slab construction. Enjoy working with mixed media such as cardboard, wire, wood and plaster

Visual Arts: Art Studio 11 & 12

(MVA11--- / MVA12---)

This is a foundation course which introduces the student to the visual arts and your growth as an artist: history, philosophy and practice. Through perseverance, resilience and reflection you will find how to create images of your place in the community, history and society while examining unique ways to represent these concepts while engaging mind and body. The course has an emphasis on modern and contemporary art and introduces a broad range of materials and processes. An emphasis is placed on the development of personal imagery. Art Studio Practices—the students will be introduced to various mediums, tools, and techniques. Topics covered will draw from the following list:

- Art Movements - are explored as they pertain to history, and current art practice
- Ceramics and Sculpture - using clay, wood, and plaster, explore ways to express yourself
- Colour theory - mixing colours, acrylics, pencil crayons, pastels (e.g., expressing yourself in colour and form)
- Composition - space organization on a two-dimensional plane (eg. 1- and 2-point perspective)
- Drawing - express yourself through the dynamic of lines and marks with pens, ink, graphite, conte, charcoal and coloured pencils. This may include illustration—cartooning, anatomy, and rendering are explored
- Graphics and Media - image development from popular sources using a variety of techniques
- Painting - with acrylics and watercolours. Develop your personal vision through portraiture, landscape, fantasy images, and the development of your own personal imagery, expressed in both a realistic and abstract manner

- All art students are expected to have some art equipment, i.e., black finepoint pen, an HB, 2B, 4B pencil and a sketch book.

Visual Arts: Studio Arts 2D 11 & 12

(MVAD-11 ---/ MVAD-12---)

This course deals with working in two-dimensions and it may be taken in both grade 11 & grade 12 for 4 credits each (projects and assignments vary on a year-to-year basis, allowing students to further develop their skills if they take this course in both senior grades). You will be introduced to traditional and contemporary forms of two-dimensional work as well as their link to history, community, self, and society. Specific mark-making processes will be examined as a way to represent self, identity, cultural expression, and insights into the human experience. Awareness of choices in style and medium to enhance your meaning, and as a vehicle for effecting change, will be considered. You will progress as an artist as we focus on learning the elements and principles of design and by using self-reflection and peer critiques to think about perseverance, resilience, risk taking, and growth. Sections of this course may include:

- Graphics-includes etching, print making, monotypes, lino cuts and print experimentation.
- Drawing-includes pen and ink development of personal imagery (realism, fantasy), tool usage, types of pens/pencils, charcoal etc.
- Painting-explore and develop personal imagery through acrylics on canvas and board. Work with mediums that can be combined or collaged with paint.
- Illustration-includes imagery and typography, rendering photo-realism, book and comic book techniques
- Fashion design- rendering the figure, drapery and patterns are explored.
- All art students are expected to have some art equipment, i.e. black finepoint pen, an HB, 2B, 4B pencil and a sketch book.

Visual Arts: Art Studio 12 / Art 102 (Dual Credit)

(MVA12D--)

Art Studio Dual Credit is an exciting opportunity for students to receive credit for Art Studio 12 and ART 102 Introduction to 2D from Camosun College. In this course students will focus on creating and evaluating two-dimensional images such as drawings, paintings, stencils, and illustrations. The process of art-making will enable them to use their imagination, their intuition, and their individual creative strengths. Students will test, evaluate, and experiment with their use of media and ideas. This course will be team taught with an instructor from Camosun College. It will combine aspects of Art Studio 12 (see course descriptor on Art Studio 12) as well as a strong focus on becoming a working artist. This could include hands on skills like learning how to make your own stretchers and canvasses as well as the potential to learn about tools that will be useful in promoting your own work and obtaining scholarships & grants. Through this you may gain insight about creating your own portfolio for use in post-secondary applications (with feedback from post-secondary art instructors). If time permits, students may be walked through the process of having their own show (applications, titles, promoting, framing, hanging, an opening night gala, & striking the show). A focus on careers and post-secondary opportunities will be woven into this course.

Film, Media, Photography & Television

Drama: Film & Television 11 & 12

(MDFT11--- / MDFT12---)

These courses introduce and develop the skill sets used in the film and television industries with focuses both in front of and behind the camera. Understanding the creative talents of filmmakers and actors will bring deeper appreciation of the collaborative art form. Actors will learn film-specific techniques to create on-screen presence and truthful performances. Teamwork and the proper practice of roles and responsibilities will go a long way to making successful short films. Students will have opportunities to learn writing, producing, directing, acting, cinematography, sound, lighting, & set design, as well as all phases of post-production. Guest professionals will give students insights into how they might fit their own emerging talents into the entertainment industry and can get a jump start creating their own demo reel for personal or professional use.

Film Studies 12

(YCCT-2BX--)

This course is an introductory exploration of the richness and diversity of the motion picture medium. Through watching films, students will deepen their appreciation by learning the vocabulary of film making and visual storytelling, the process of story, script, and dialogue development, and the ability to think critically, to analyze, compare and critique various types of film and video. The course will also help students to improve their own writing and presentation skills as well as learn how to interpret and present the ways that film shapes ideas and influences others.

Photography 10 - 12

(MVAPH10--- / MVAPH11--- / MVAPH12---)

These courses offer students a self-directed study of their own creativity and organizational practice in the context of 35mm Black & White film photography. Course work will include creative analysis, camera function, film processing, darkroom printmaking and exhibition. The grade 12 course will involve the creation of a portfolio and artist's statement for use beyond the classroom.

Video Arts 9 & 10

Grade 9 (with Instructor permission) / Visual Arts 10: Media Arts (MVAM-10---)

This is an introduction to students who are looking for a course that not only teaches them digital filmmaking practices, but also allows them to improve their teambuilding and collaboration skills. Some focus areas will include learning how audiences are manipulated by media from a wide range of sources and genres of production, critical analysis of both technical and creative choices, and exploring what moving pictures say about our history, culture, and people who make them, including the students themselves.

Video Arts 11 & 12 (Media Arts)

(MVAMT11--- / MVAMT12---)

This course will introduce and take students deeper into the filmmaking process as they explore what creative stories and ideas they can bring to life on the screen. Students will culminate their learning with a major personal project on a scale that most do not get to do until post-secondary school. Along with creative exploration, students will also be introduced to the fast-paced, deadline-centered business of news entertainment and produce short shows for broadcast and live streaming.

Performing Arts: Music

All Spectrum Music Ensemble courses offered in the Spectrum Music Department are courses that run for the full year every other day and/or on special schedules. Students and Parents are encouraged to contact the band director to learn more about the following courses.

Concert Choir 9-12

Concert Choir 9 (XLDCG09CC-) / Concert Choir 10 (MMUCC10---) / Concert Choir 11 (MMUCH11---) / Concert Choir 12 (MMUCH12---)

Suggested Prerequisite: No experience necessary.

Description: This Year Long performance-based ensemble focuses on contemporary vocal music and offers both an excellent entry-level class for passionate new singers, as well as a home for those with an established love of singing. All that is needed is a love of singing and the desire to make friends and develop one's musicianship! Festival, school, and community performances throughout this year may require occasional extracurricular rehearsals. Through a wide variety of choral styles, students will gain confidence, vocal technique, and skill singing 3 and 4-part harmony. This course is taken outside the timetable.

Concert Band 9 & 10

Concert Band 9 (XBA--09C-L) / Concert Band 10 (MMUCB10--L)

Suggested prerequisite: Middle school band or equivalent or permission of the Band Director, Mr. Jolliffe. Band courses are a continuation of the acquisition of performance skills on woodwind, brass and percussion instruments. Also included is a study of the basic elements of music and its history and literature, through performance and discussion. Regular home practice is required. This is a FULL YEAR course offered within the timetable. Students will take PE 9 & 10 opposite band.

Participation in the performing Junior Concert Band is part of the course (see below). Note: With permission of the instructor, students with no previous experience are welcome to enter the program at any junior grade level. Private lessons and/or summer band are recommended to ease the transition. Please contact the Band Instructor for details.

Junior Jazz Band 9 & 10

Jazz Band 9 (XBA--09J-L) / Jazz Band 10 (MMUJB10--L)

Suggested prerequisite: Middle school band or equivalent. Must be enrolled in Concert Band 9 or 10 (exception by special permission of the instructor). Jazz Band is offered as a supplement to the regular Concert Band course. Students will be introduced to various styles of music associated with jazz in a big band setting at the beginning and intermediate levels. Preferred instruments include trumpet, trombone, saxophone, piano, guitar, bass and drums. This is a FULL YEAR course offered outside the timetable.

Concert Band 11 & 12

Concert Band 11 (MIMCB11--L) / Concert Band 12 (MIMCB12--L)

Suggested prerequisite: Successful completion of the previous year or permission of the Band Instructor. The emphasis of the course is on the performance of 20th century band music ranging from traditional concert band music to Broadway musicals, contemporary pop, and jazz material. Studies also include technique refinements, review of basic theory as related to performance and exposure to Wind Band literature. A high level of motivation and commitment is required. Students will take English 11/12 opposite band. Participation in the performing Senior Concert Band is part of the course (see below).

Senior Jazz Band 11 & 12

Jazz Band 11 (MIMJB11--L) / Jazz Band 12 (MIMJB12-L)

Suggested prerequisite: Enrolled in Concert Band 11/12 or permission of the Band Instructor.

Students will continue to develop jazz literacy and performance skills. Jazz Band courses are offered as a supplement to the regular Concert Band course. A wide variety of styles associated with jazz music will be explored in a big band setting. Preferred instruments include: saxophone, trumpet, trombone, keyboard, percussion, bass and guitar. A high level of motivation and commitment is required. *This is a FULL YEAR course that runs outside of the timetable.*

Performance Bands 9 - 12

*Music 9 / Contemporary Music 10 / Contemporary Music 11 / Contemporary Music 12
(MMU--09--- / MMUCM10--- / MMUCM11--- / MMUCM12---)*

These ensembles are important extensions of band courses. All students in band classes are expected to participate in co-curricular bands and will receive credits and grades for their participation. *The performance bands will not be listed on the course form, but every student enrolling in Concert Band at their grade level will also be automatically enrolled in the corresponding Performance Band course.*

- **Junior Concert Band:** This ensemble further develops practical music skills and introduces students to high school music performance practices. Band 9 and 10 class members participate to form the Junior Concert Band and will be registered in this course for credit.
- **Senior Concert Band:** This ensemble offers the practical application of performance skills and knowledge gained in the band classes. A major emphasis is placed on performance, community service, teamwork, and the pursuit of excellence. Band 11 and 12 class members participate to form the Senior Concert Band and will be registered in in this course for credit.

Travel: Spectrum Bands, with the support of an outstanding Band Parents' Committee, are quickly developing a tradition of travel. Travel destinations in years past have included: Vancouver, Vancouver Island, Alberta, Hawaii, Washington, California, Disneyland and Italy. All members in good standing are eligible to participate. Travel is an optional part of this program. Student/Band fundraising helps to support Band travel.

Guitar 10-12

(MIMGT10-- / MIMGT11-/ MIMGT12--)

This is an introductory course for students interested in beginning to learn to play the guitar. Also included is a study of the basic elements of music and its history specific to Rock and Roll, Folk and Funk. A guitar will be provided (though you are welcome to bring your own) and no experience is necessary!

Performing Arts: Dance

Dance 9 & 10: Performance

Dance 9 Performance (MDNC-09P--) / Dance Technique & Performance 10 (MDNTP10---)

Prerequisite: none. Dance 9 Performance and Dance 10 Performance are open to all grade 9 and 10 students with or without previous dance training. The course exposes students to many different dance styles and aims to enable each student to develop their dance technique, muscular strength, flexibility, fitness level, and performance skills. Students will be required to present learned choreography at several performances during the school year.

Dance 9: Choreography & Dance 10: Conditioning

Dance 9: Choreography (MDNC-09---) / Dance 10: Conditioning (MDNCN-10--)

Students will be integrated with Dance Performance students and can have the opportunity to set small and/or large group choreography. If you are interested in being a teacher assistant, please discuss with the instructor.

Dance 11 & 12: Performance

Dance Technique & Performance 11 (MDNTP-11--) / Dance Technique & Performance 12 (MDNTP-12--)

Prerequisite: none. Dance 11/12: Performance is open to all grade 11 or 12 students with or without previous dance training. This course exposes students to many different dance styles and aims to enable each student to develop their dance technique, muscular strength, fitness level, flexibility, and performance skills through classroom work and set choreography. Students will have several opportunities to present learned choreography at various performances during the school year.

Dance Choreography 11 & 12

Dance Conditioning 11 (MDNCN11---) / Dance Conditioning 12 (MDNCN12---)

Suggested prerequisite: DNP 11/12: Performance. DNC 11/12 choreography students will be integrated with DNP 11/12 students and can have the opportunity to lead classroom work and set various small and/or large group choreography. If you are interested in being a teacher assistant, please discuss with the instructor.

Advanced Dance 10 - 12

Dance Foundations & Dance Company 10 (MDCF-10--- & MDNCM10---)

Dance Foundations & Dance Company 11 (MDCF-11--- & MDNCM11---)

Dance Foundations & Dance Company 12 (MDCF-12--- & MDNCM12---)

This is a yearlong course that is open to grade 10-12 students with advanced dance skills. This is for the dedicated dancer that wants to dance every day all year. A high level of motivation and commitment is required.

Auditions will be held to select those with the skill level required for this course. Please refer to www.spectrumdance.weebly.com for audition dates. Grade 9 students with considerable previous dance training and skill development may join the class upon successful audition.

Dance Conditioning: Hip Hop 10 - 12

Dance Conditioning: Hip Hop (outside the TT) 10 (MDNCN10--L)

Dance Conditioning: Hip Hop (outside the TT) 11 (MDNCN11--L)

Dance Conditioning: Hip Hop (outside the TT) 12 (MDNCN12--L)

Whether you are newer to hip hop or are an experienced dancer wanting to strengthen your technique this course is for you! We will focus on strengthening hip hop culture, technique, grooving, isolations, and textures. We will dive deeper into

learning various styles such as waving, popping, locking, house, intro to breakdance, and more. The styles learned will be guided by what the students are interested in learning. Experienced dancers will have the option to audition and participate in the Crew portion of the course. Crew members require a higher level of skill and commitment. They will have the opportunity to perform in the Fine Arts Showcase, Nights of Dance, festival and choreograph student-led pieces. Auditions for Crew will be held in September and availability times will be determined among the teacher and selected members. This course is an inclusive course welcome to all students, genders, and abilities.

Performing Arts: Drama

Drama 9 & 10

Drama 9 (MDR--09---) / Drama 10 (MDRM-10---)

Drama 9 and Drama 10 promotes and strengthens participation and personal development skills at their various levels of maturity. Through exercises and a final performance, students will become familiar with primary aspects of staging and performance development as it applies in the theatre and in life skill areas such as the job interview. Students will participate in reader's theatre, improvisation, and theatre skill exercises in conflict, relationships, and characterization. This course also provides instruction in acting, movement, staging, story creation and character analysis based on students' experiences. Emphasis will be on a major performance and the acquisition of specific theatre skills.

Drama 11 & 12

Drama 11 (MDRM-11---) / Drama 12 (MDRM-12---)

These courses encourage the development of many of the skills necessary to be successful in a theatrical context. They focus on the development of vocal skills (such as articulation, enunciation, and projection) and basic stage skills like blocking and movement. To be successful in this class, students will be required to perform two monologues and a variety of scripted and improvised material which will require memorization, rehearsal, and self-discipline. A goal will be to create a performance in Spectrum's Theatre.

Directing & Script Development

Directing & Scriptwriting 11 (MDRDS11---) / Directing & Script Development 12 (MDRDS12---)

Directing and Script Development 12 allows interested students to learn about directing productions and writing for stage or film. Students in this course will work in conjunction with the instructor and Acting 11/12 students.

Performing Arts: Musical Theatre

Junior Musical Theatre

Musical Theatre 9 LD (XLDCB09MT-) / Musical Theatre 10 (MMUTH10---)

Students in Musical Theatre 9/10 classes will work with a teaching team of three specialists in the areas of voice, dance, and drama. The course is designed to offer opportunities to hone skills in the musical theatre disciplines (singing, dancing, acting), engage in the rehearsal process, and provide performance opportunities for the classes. Other topics include preparation of an audition piece, creation of a performance resume, theatre etiquette and terminology, character development, musical theory, theatre history, fitness & conditioning, and team building. Interested students must be

responsible & self-disciplined and commit to the all class performance dates, which include the semester end Fine Arts Showcase in January. Grade 9 and 10 students enrolled in this course may also audition to be part of the ensemble for the Mainstage Musical Theatre production which runs outside the timetable (see below).

Musical Theatre Mainstage Production 10-12

*Vocal Music 10 (MMUCH10---) / Musical Theatre 11 (MMUTH11---) / Musical Theatre 12 (MMUTH12---)
Grade 9 (See Below)*

Through instruction, rehearsal, and the mounting of a full-scale musical theatre production (to be announced each fall) students will learn and practice the skills of the musical theatre genre (acting, singing, dancing and backstage/technical work for those interested). This course runs outside of the timetable and requires dedication and commitment from all involved. Auditions will be announced in the first few weeks of school and rehearsals will begin in October (Monday, Wednesday and Thursday after school). In the Spring, performances will be staged with ticket sales open to both the school and general public. Students must be prepared to commit to the rehearsal and performance schedules and expect to put in extra time as the performance dates approach. Those who have a passion for singing, acting or dancing will enjoy the rehearsal and performance aspects of this course. Grade 9 and 10 students wishing to participate in the production are welcome and should sign up for an audition in the fall).

Stagecraft (Technical Theatre) 10 - 12

Grade 9: (instructor permission)

Theatre Production & Theatre Company 10 (MDRD-10--- & MDRTC10)

Theatre Production & Fine Arts & Applied Skills 11 (MDRTP11--- & MDRTC11---)

Theatre Production & Theatre Management 12 (MDRDTP12-- & MDRTC12--)

This course is designed to run all year long, although students may take it in the fall or the spring if there are other courses, they want which conflict. Students will earn credit through a combination of both class time (every second day, both semesters) and practical experience, providing technical support for school events (dances, musicals, concerts, assemblies, presentations, etc.). The course is useful for students interested in pursuing a career as a Technician, Theatre Manager, or Stage Manager, as well as for performers who wish to better understand the many facets of operating of a theatre. It is also a good choice for students who just enjoy the experience of getting involved in practical ways behind the scenes. Within the context of the course, students can learn and practice a diverse set of skills, including: hanging and focusing instruments, operating the lighting and sound boards, set construction and design, set painting, building a lighting design, set-up and operation of sound equipment, computerized facets of theatrical production, stage managing protocols, stage crew, prop management/construction, and theatre management and etiquette. Students may 'generalize' and obtain a basic understanding of all aspects or may 'specialize' and focus on particular areas of interest.

To register, students enrolling in Stagecraft should select **both** of the courses indicated above for their grade level. Grade 9 students require the permission of the instructor.