
École Secondaire Mark R. Isfeld Secondary

2025-2026 Course Selection Guide



École Secondaire Mark R. Isfeld Secondary School is an innovative learning community that supports student excellence through academics, citizenship, the arts, and athletics.



OUR NAMESAKE

Mark Robert Isfeld served as a Combat Engineer in the Canadian Forces, holding the rank of Master Corporal within 1 Combat Engineer Regiment. As part of his duties with this regiment, Mark was responsible for the removal of deadly landmines. On June 21st, 1994, while serving on a peace-keeping mission in Croatia, the personnel carrier Mark was walking in front of hit a landmine, and he was killed.

Mark is remembered for his compassionate views of the war-torn countries in which he served. The work he did was essential to creating a safer world, and he often said, "Every mine I lift means someone doesn't die." Mark's contributions with 1 Combat Engineer Regiment were not only significant but also demonstrated a deep respect for the individuals he encountered in the countries where he served. Motivated by compassion, he documented his journeys through photography, capturing both the places he went and the people he met. Mark will also be remembered for distributing hand-crocheted dolls his mother made to local children – a legacy that continues today.

DESCRIPTION OF ISFELD

Mark R. Isfeld Secondary school opened in 2001. The building was rededicated from Courtenay Junior Middle School to honour the life of Canadian Army Combat Engineer, or Sapper, Mark Robert Isfeld.

Named after this kind and caring Canadian, we are an inclusive school with 1,000 students from grades 8 through 12. We have international students from many countries, a growing French Immersion Program, a vital and active Fine Arts program, a successful Athletics program with more than 30 competitive teams, a full Applied Skills program, and a successful academic track record.

Our Mission Statement:

École Secondaire Mark R. Isfeld Secondary School is an innovative learning community founded on respect and supporting student excellence through academics, citizenship, the arts, and athletics.





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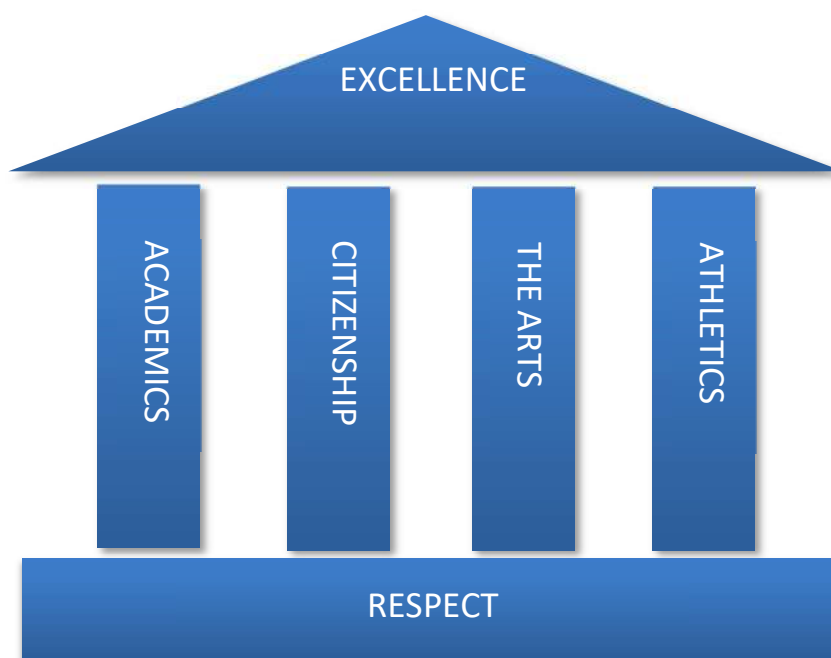
LEARNING TODAY FOR TOMORROW'S WORLD

As you plan for the coming year, we encourage you to plan for your future today. Embrace the many opportunities that we offer for broadening your horizons, thinking, skills, and experiences here at École Secondaire Mark R. Isfeld Secondary School. Nowhere else, after your time here, will you find this variety of free, high quality, learning opportunities. Take the time to understand, to think, and to plan: this is where you lay the foundation for your future.

At École Secondaire Mark R. Isfeld Secondary School we offer a comprehensive selection of courses knowing that students will take advantage of this wonderful opportunity to develop a broad education that prepares them for an exciting future. We have created as many options at our school as currently possible to allow students to develop individual pathways for their learning. Should you not find the course or area of passion you are interested in, let us know and we will explore all possible avenues for you to pursue your interest(s).

If you have any questions about this Course Selection Guide, please make sure you check with your classroom teacher, teacher advisor, counsellor, or administrator. Embrace this opportunity, it is your education: take ownership of your learning because this is your opportunity to grow through school instead of going to school.

In response to our changing reality, the Ministry of Education went through an extensive review of our education program. Core Competencies are sets of intellectual, personal, social, and emotional proficiencies that all students need to develop in order to engage in deep learning and life-long learning. Our goal is to integrate this work throughout our curricula.



SCHOOL STRUCTURE

Our school has many structures in place to support our students. With respect to programming, we have made a conscious separation between Junior and Senior students and designed our programs to meet the diverse needs of each group.

In Grades 8 and 9 students have a choice to take band and are then scheduled into Exploratories (a series of shorter courses designed to introduce students to different disciplines and parts of our school). In Grade 9 students can choose to take French, Français Langue or Spanish and are then scheduled into Exploratories.

Our Senior program is driven by the provincial graduation program (<https://www2.gov.bc.ca/gov/content/education-training/k-12/support/graduation>) and a desire to offer students as much variety to support their goals and needs as possible.

Access Centre

The Access Centre offers academic support services available to students who have identified learning difficulties and are struggling academically. Learning Support teachers work in conjunction with the classroom teacher to ensure the most successful learning environment for these students. A variety of supports are available, such as writing exams in the Access Centre, support blocks, and/or educational assistant help in the regular classroom. Our main goals are to build student skills and confidence through success on their assignments and to build relationships with the students to foster trust and confidence in our support.

Athletics Program

At Mark R. Isfeld we are proud to offer a comprehensive athletic program that offers opportunities for all students in Grades 8 through 12 to participate in athletics in the sports of Volleyball, Soccer, Aquatics, X-Country Running, Football, Basketball, Skiing and Snowboarding, Rugby, Track and Field, Golf, Badminton and Ultimate Frisbee.

We believe in the pursuit of excellence; all participants in our program are held to a high level of commitment, dedication, sportsmanship and fair play. We pride ourselves on the respect we show our teammates, coaches, officials and opponents.

Integrated Learning Centre

The Integrated Learning Centre (ILC) is a program that provides opportunities for students in grades 10-12 to have more flexibility and options in their course selections. Similar to a regular classroom, students are expected to attend class, respect their classmates and follow the rules as outlined by the teacher. The difference is that each student is working independently on different online courses. The students set their own pace and are expected to work through their courses with the help and support of the ILC teacher and the distance education teacher. Students who are independent learners have great success with this option, with some students finishing courses early and engaging in other study. There is an application process for an ILC block. Students need to have demonstrated an ability to work independently.



Opportunities

Opportunities is a school-based, personalized program to support students with their academic progress, while catering to their social growth. We work with students who may have challenges with behaviour or mental health issues that impact their academic program. We provide a safe, secure, and supportive setting to maximize students' growth and learning. Some students are scheduled in for regular blocks while others come on a drop-in basis. At any point in a day, students may come to Opportunities to work. Our goal is to help students to have a positive and constructive schooling experience.

Teacher Advisory

Every student is placed into a Teacher Advisory (TA). These are groups that meet for 10 minutes every day. Students will remain with the same TA for their entire time in our school. TAs have students from Grades 8 through 12 in them and siblings are in the same TA.

There are many purposes that TA serves; however, the most important one is to provide students with an advocate at the school level. The TA also provides students a chance to connect with students in other grades, programs and areas over time. Our Teacher Advisors help with student support, communication of school activities and opportunities and community building.



DISTRICT PROGRAMS

EXPLORE

This program is a unique opportunity for highly motivated grade 11 students to pursue the traditional academic requirements in an integrated studies program that combines academics with outdoor experiences. This one semester program begins in second semester at Georges P. Vanier Secondary School and is open to all students in School District No. 71. For more information, please contact your school counsellor, go to the Vanier website: <https://gpvanier.comoxvalleyschools.ca/> or contact Vanier at 250-338-9262.

FRENCH IMMERSION

French Immersion is an educational program of choice in which students receive much of their instruction in French. Designed specifically for students whose first language is not French, French Immersion is a highly successful approach to second language learning – an effective way for students to become functionally bilingual while achieving all the learning outcomes of the B.C. curriculum.

At Mark R. Isfeld Secondary we offer a rich program of study in French. Students in Grades 8 and 9 take four core courses in French (Science, Social Studies, Math, and French Language Arts). Students in Grade 10 take three courses (French Language Arts, Social Studies, and Science 10). Our students in Grade 11 take French Language Arts and Social Studies in French, and students in grade 12 take only French Language Arts. All other courses of study are in English.

Students who successfully complete the French Immersion Program receive a “Double Dogwood” (*British Columbia Certificate of Graduation* and a *Diplome de fin d’etudes secondaires en Colombie-Britannique*), which entitles them to pursue further studies in either of our official languages.

Grades 8 and 9	Français Langue, Sciences Humaines, Science Naturelles, Mathématiques
Grade 10	Français Langue, Sciences Humaines, Sciences Naturelles
Grade 11	Français Langue & one of Sciences Humaines or Leadership en Français
Grade 12	Français Langue

INTERNATIONAL STUDENT PROGRAM

Our school district’s International Student Program welcomes more than 200 students to our district each year from around the world (more than 20 countries). Students attend our school for various lengths of time and many of them graduate with us. The students that attend our school broaden our horizons by introducing us to different cultures and contexts. Due to the care and support of our host families, our reputation is truly one of a ‘home away from home’ for these students and many return with their families after their time here is over. The International Student Program uses these assets to enrich the learning experience for all our students.

LIFE SKILLS

The Life Skills program based at Mark Isfeld Secondary serves a wide range of low-incidence students with moderate to severe disabilities from throughout the district. The students that qualify for this program have moderate to severe cognitive disabilities sometimes with physical challenges as well. The focus of this program is to teach and develop functional life skills. This is done through modified academic work, physical development, social skills, and work experience opportunities. It is important for these students and for our school that they are integral members of our community. These students participate in school activities, classes, and events whenever possible. Our Life Skills students also utilize many community facilities and resources including the CV Aquatic Centre, bowling alley, yoga studio, recreation centres, public transit, beaches, and parks. Students have educational aides that accompany and support their individual programs. Those registered in Life Skills require an alternate graduation plan. In order to participate in this program, parents work with student services professionals to design a program to meet their unique learning needs. These programs are regularly reviewed and revised based on individual development and goal achievement.

Navigate NIDES

If you have the energy and drive to be an independent and self-paced learner, you may wish to take a course via online learning at North Island Distance Education School (Navigate), right here in SD#71. There are no tuition fees for BC high school students who enroll in a secondary (grades 10-12) course via online learning. Resources are provided free of charge.

Required core courses and electives are available. Choose from academic courses at the 10-12 level: English, Math, Social Studies, Science, Physical and Health Education, Career Life Explorations, or Career-Life Connections. Elective courses include International Languages, Photography, Business courses and Information Technology. Visit the Navigate NIDES website www.navigatenides.com to find a complete list of available courses.

- Students should consult their school counsellor about suitability of course selection for graduation in advance of enrollment.
- Enroll in a course when you are ready to begin. Students can start most courses at any time.
- Students will require access to an internet capable computer.
- Navigate teachers are available to students via email or telephone to provide support to students.

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



Enrollment Procedure – Enrollment is ONLINE

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



CAREER EXPLORATIONS

CAREER PLANNING

Visit the Comox Valley Careers website comoxvalleyschools.ca/career-programs/

A very important component of any Career Planning is connecting students to the world of work through **work experience**. Work experience validates whether a student's interests and predicted career pathway is realistic or needs adjusting. Mark R. Isfeld offers the following programs to link students with the workforce.

CAREER EXPERIENCE 30 HOUR CAREER LIFE CONNECTIONS REQUIREMENT

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

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

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

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

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

WORK EXPERIENCE 12A & 12B

(Open to Grades 10, 11 and 12 students age 16 or older)

Long-term work experience is open to Grade 10, 11 and 12 students who have an interest in pursuing almost any career area. In Work Experience 12A & 12B, a student spends 100 hours training at one or more worksite. By doing this, skills are learned, and questions are answered before career decisions are made; students may realize they love the field they are exploring or that they would like to pursue a different career path. Students choose placements



according to their current interests. Students typically work after school, on weekends, or during the school day (this course can be extra sessional, which means that a student could have 9 or 10 courses listed on their timetable). Students can sign up for a Work Experience course before summer vacation begins and complete their 100 hours over the break.

Benefits of work experience include:

- earning 4-8 credits toward graduation
- receiving pre-employment job training and potentially secure paid employment
- helping make decisions about potential career paths

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

***NEW for 2025/2026* TOURISM & EVENT PLANNING SAMPLER**

Be part of this brand-new program offered to all Comox Valley students in Grade 11 & 12! Taking place at Highland Secondary in Semester 2, students will learn the industry of tourism and event management, including hospitality, eco-tourism, Indigenous tourism, local attractions, and marketing. Within this program, students will receive micro-credential industry certifications, hands-on experience, take part in many field trips and gain networking opportunities and tourism connections to embark on a part time job, or in a career!

Highlights:

- Field Trips and Networking Opportunities – learn about the Tourism industry of British Columbia through several field trips and get to know the people who will be hiring!
- Dual Credit Option - NIC dual credit course option (no cost) with priority seating.
- Certificates - FoodSafe, SuperHost, Serving it Right, and industry certifications through Go2HR: MarketSafe, First Aid and Safety Basics.
- Real-World Experience - 100-hour WEX placements with community industry partners.

If interested, please pick up an application at your Careers office!

What You Need... <ul style="list-style-type: none"> ➤ Interest in working in the tourism industry of British Columbia ➤ Desire to learn from, visit and network with industry professionals ➤ Good attendance and a strong work ethic 	What You Will Get... <ul style="list-style-type: none"> ➤ Tourism 12 (4 credits) ➤ Marketing 11 or 12 (4 credits) ➤ Career Life Connections (4 credits) ➤ Work Experience 12A (4 credits) ➤ Workplace Certificates credit (4 credits) ➤ <i>Optional: additional 4 credits for Work Experience 12B</i>
What You Will Do... <ul style="list-style-type: none"> ➤ Spend a semester fully immersed in many aspects of the tourism industry and event planning ➤ Take part in several industry “fam visits”, both in the Comox Valley and beyond ➤ Complete approximately 100 hours doing tourism or event related work experience to build your resume and get ready for entry into the industry! 	



METAL MECHANICAL TRADE SAMPLER

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

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

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

CONSTRUCTION TRADE SAMPLER

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

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

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



TRANSPORTATION TRADE SAMPLER

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

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

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

YOUTH TRAIN IN TRADES

Youth Train in Trades programs allow students to earn credit towards both high school graduation and trades qualifications.

Students in Train programs will complete a Post-Secondary Foundation Program in their chosen trade and gain valuable practical experience. The student’s tuition will be covered by the school district. All other expenses (books, student fees, etc.) will need to be covered by the student.

Train in Trades programs offered

Auto Service Technician	Instrumentation and Electrical Automation Technician
Plumbing and Pipefitting	Carpentry
Fabricator - Welder	Welding
Professional Cook	Electrical
Heavy Duty Mechanics	Hairstyling

See the school district careers web page comoxvalleyschools.ca/career-programs/ to learn more.



YOUTH WORK IN TRADES

What is Youth Work in Trades?

Youth Work in Trades is open to Grade 10-12 students, 16 years of age or older, who are motivated to gain hands-on training in a designated trade.

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

Need more information?

Visit the Comox Valley Careers web site: comoxvalleyschools.ca/career-programs/ to learn more.



Dual Credit Opportunities (NIC, Camosun, JI or VIU)

Start college/university courses while in grade 11 or 12.

The Careers Department can sponsor you to take courses or a Certificate program if you have completed the pre-requisites, ex. Eng 12.

Courses: Students may take any NIC, Camosun, or VIU course, popular career path course are:		Certificate & Diploma Programs:
<ul style="list-style-type: none"> ➤ Biology 160 + Lab ➤ Computer Programming Systems 100,102 ➤ Fine Arts 110,140 ➤ Medical Terminology 	<ul style="list-style-type: none"> ➤ Psychology 130 & 131 ➤ Business 162 & 150 ➤ Criminology 101 ➤ Math 151 ➤ Digital Design 105 ➤ Criminal Justice 131 ➤ Sociology 110 ➤ And more... 	<ul style="list-style-type: none"> ➤ Nursing Diploma ➤ Health Care Assistant ➤ Early Childhood Care & Education ➤ Human Services ➤ Business & Office Administration ➤ Web Design ➤ Digital Marketing ➤ Emergency Medical Responder ➤ and more...
Key points: Spend your last year or semester making the transition to Post Secondary, courses run at NIC, Camosun, or VIU. Be sponsored to take a <u>course(s), certificate, or diploma program</u> . Please visit your school Careers office for more information.		



Popular Courses required for many career and post-secondary pathways:

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

3 Credit(s)

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

Prerequisite(s):

- C in English 12



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

3 Credit(s)

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

Prerequisite(s):

- C in English 12

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

3 Credit(s)

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

Prerequisite(s):

- C in English 12

Computer Programming Systems 102 (Required for Engineering)

3 Credit(s)

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

Prerequisite(s):

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



Emergency Medical Responder (EMR)



Emergency Medical Responder (EMR)

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



JUNIOR PROGRAM (grades 8 and 9)

Our Junior Program is designed to transition students from elementary school to the Graduation Program. It is characterized by increasing independence and a belief in the value of a balanced education.

In **Grades 8 and 9** students select whether they want to take Band. Students will have 'exploratories' that introduce them to different disciplines. Students in **grade 9** will also choose whether to take Spanish or French in the English program. Students in French Immersion will take Français Langue.

REQUIRED COURSES

English Language Arts

English provides a transition between beginning secondary English and senior English courses. Students will be expected to demonstrate communication, connection and comprehension skills through a greater variety of oral, written, visual and digital opportunities.

Languages

Français Langue (required for French Immersion students)

This course is for students in French Immersion. Through their study of language and communication conventions, students explore the relationship between language and culture. Students will work on many different media including reading (novels, poetry, short stories, and non-fiction); listening (songs, speeches, and plays); viewing (plays, movies, and the internet); and writing (paragraphs, essays, and focused responses).

French

The course offers a balanced skills approach to language learning and develops the student's abilities in these linguistic areas: 1. Listening 2. Speaking 3. Reading 4. Writing. In addition, students are exposed to aspects of Francophone culture through their involvement in games, activities, projects, etc. This will aid in developing positive attitudes towards second language learning.

Spanish Entry

Hola amigos! Welcome to the world of Hispanic studies. In this course, language acquisition and development will concentrate on the four linguistic skills: listening, speaking, reading, and writing. In addition to providing an introduction to the Spanish language, students will be given opportunities to study and to develop an appreciation for the Hispanic culture and history. This course is designed for beginning language students.

Mathematics

This course was designed to provide students with opportunities to develop a broad range of mathematical understandings, analysis, connections and critical thinking skills necessary for everyday life, future course work and possible careers. This course is also offered in French. After successful completion of Mathematics 9, students will choose one or both of the following courses: Workplace Mathematics 10 or Foundations of Mathematics and Pre-Calculus 10



Physical and Health Education

This course develops the curricular competencies involving Physical Literacy, Healthy and Active Living, Social and Community Health, and Mental Well-Being through involvement in a variety of team games, personalized fitness and classroom learning activities.

Science

Building on laboratory skills and the methods of scientific inquiry introduced in Grade 8, students discover some of the more basic principles of physics, chemistry and biology. This course is also offered in French.

Social Studies

Social Studies focuses on Big Ideas which will be developed through inquiry, reasoning and ethical judgements related to significant historical concepts. This course is also offered in French.

EXPLORATORIES COURSES

These are some examples of the courses that you may be placed in during your Exploratories blocks.

APPLIED DESIGN, SKILLS, and TECHNOLOGIES

Electronics & Robotics

Home Economics

Information and Computer Technologies

Media Arts

Metalwork

General Explorations (Woodwork/Robotics/Electronics)

ARTS EDUCATION

Concert Choir (Junior)

Concert Band

Drama

Improvisation Theatre

Jazz Band (must be enrolled in Concert Band to take Jazz Band)

Visual Arts

CAREER EDUCATION (required)

ADDITIONAL OFFERINGS

Citizenship

Leadership

Competitive Games

Fitness

Creative Writing & Photography

Digital Literacy

Business Education



PLANNING for the 2025/2026 YEAR and BEYOND

Resources to help you select courses in order to meet post-secondary admission requirements:

learnnowbc.ca

Website suitable for students and parents with links to ministry of education, post-secondary institutions, on-line tutoring and many other resources.

MyBlueprint.com

MyBlueprint is an industry-leading online career guidance and planning system. Get the sign on and password from the school career center.

www.workbc.ca

A guide to hundreds of B.C. careers and the education and training you need to pursue them.

www.educationplannerbc.ca

An excellent site for post-secondary program research. Check the admission requirements link for the post-secondary institution of your choice.

Provincial assessments:

Grade 10 Numeracy Assessment: <https://curriculum.gov.bc.ca/assessment/grade-10-numeracy-assessment>

A link to the numeracy assessment specifications, with sample questions and explanations.

Grade 10 Literacy Assessment: <https://curriculum.gov.bc.ca/assessment/literacy-assessment/grade-10-literacy-assessment>

A link to the literacy assessment specifications, with sample questions and explanations.

Grade 12 Literacy Assessment: <https://curriculum.gov.bc.ca/assessment/literacy-assessment/grade-12-literacy-assessment>

A link to the literacy assessment specifications.

Évaluation de littératie - Français langue seconde-immersion 12 : <https://curriculum.gov.bc.ca/assessment/literacy-assessment/evaluation-de-litteratie-francais-langue-seconde-immersion-12>

A link to the French Immersion 12 literacy assessment specifications.

Financial Aid websites for post-secondary education

<https://bcscholarships.ca/>

<https://studentawards.com/>

<https://www.scholarshipscanada.com/>

<https://studentaidbc.ca/>



GRAD REQUIREMENTS

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

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

FOR FRENCH IMMERSION/FRANCOPHONE DUAL DOGWOOD

- Français langue seconde-immersion 10 (4 credits).
- a Français langue seconde-immersion course at the Grade 11 level (4 credits).
- Français langue seconde-immersion 12 (4 credits).
- At least 12 credits in Grade 10-12 courses that are in French (We use Sciences Humaines 10, Sciences Naturelles 10 and a choice between Sciences Humaines 11 & Leadership en Français 11)
- French Immersion students take an additional Grade 12 assessment in French literacy.



REQUIRED COURSES

Although some of these courses are required as part of your graduation program, they are all available to be taken as an elective as well. We encourage students to select courses that will broaden and enrich their education. Students planning to go onto studies after high school should carefully check the requirements for the appropriate program. Our counselors are readily available to discuss anything related to programming with students and parents.

APPLIED DESIGN, SKILLS, AND TECHNOLOGIES

Students are required to achieve a minimum of 4 credits of Applied Design, Skills, and Technologies or Arts Education in grades 10-12.

Accounting 11/12 (4 credits)

***New* Business Ventures 10 (2 credits)**

Child Development and Caregiving 12 (4 credits)

Computer Information Systems 11/12 (4 credits)

Computer Programming 11/12 (4 credits)

Computer Studies 10 (2 credits)

Culinary Arts 11/12 (4 credits)

Digital Communications 11 (4 credits)

Digital Media Development 12 (4 credits)

Economics 12 (4 credits)

Electronics & Robotics 10 (2 credits)

Electronics 11/12 (4 credits)

Entrepreneurship 12 (4 credits)

Fashion Industry 12 (4 credits)

Fitness Knowledge 11/12 (4 credits)

Food Studies 10 (2 credits)

Graphic Production 11/12 (4 credits)

Media Design 10/11/12 (2 or 4 credits)

Metalwork 10/11/12 (2 or 4 credits)

Robotics 11 (4 credits)

Skills Exploration 11/12 (4 credits)

Specialized Studies in Food - Baking 12 (4 credits)

Textiles 10/11/12 (2 or 4 credits)

Web Development 10 (2 credits)

Woodwork 10/11/12 (2 or 4 credits)

CAREER EDUCATION

Students must receive credit for the following Career Education courses:

Career-Life Education A (grade 10) and B (grade 11) (2 credits each)

Career-Life Connections which includes Capstone (4 credits)



FINE ARTS– Students are required to achieve a minimum of 4 credits of Applied Design, Skills, and Technologies or Arts Education.

Art 2D Graphic Arts 10 (2 credits)
Art Studio 10/11/12 (2 or 4 credits)
Choral Music: Concert Choir 10/11/12 (4 credits)
Digital Photography 10/11/12 (2 or 4 credits)
Directing and Script Development 11/12 (4 credits)
Drama 10/11/12 (2 or 4 credits)
Film and Television 11/12 (4 credits)

Graphic Arts 11/12 (4 credits)
Instrumental Music: Concert Band (4 credits)
Instrumental Music: Jazz Band (4 credits)
Media Arts 10/11/12 (2 or 4 credits)
Studio Arts 2D 10/11/12 (2 or 4 credits)
Studio Arts 3D 11/12 (4 credits)
Theatre Company: Improv 10/11/12 (4 credits)
Theatre Production 11/12 (4 credits)

LANGUAGE ARTS- Students must receive credit for English Language Arts 10, 11 and 12. There are a variety of ways to receive these credits. For those wanting a dual Dogwood (French and English Graduation), Français Langue 10, 11 and 12 must also be completed.

English Language Arts

Note: Not all sections of English 10 and 11 can be offered so please choose an alternate.

Literacy Studies 10/Composition 10 is 4 credits. All 11-12 English courses are 4 credits.

Grade 10

All students take
Literacy Studies 10 /
Composition 10.

Grade 11

All grade 11 students take English
First Peoples 11 to meet the
Indigenous Education Graduation
Requirement

- English First Peoples 11

Grade 12

(choose 1 of English Studies 12,
English Studies AP or
English First Peoples 12)

- English Studies 12
- English Studies 12 AP –
English Literature
- English First Peoples 12

Français Langue

Français Langue 10

Français Langue 11 - Études du cinéma et de la littérature francophones 11

Français Langue 12

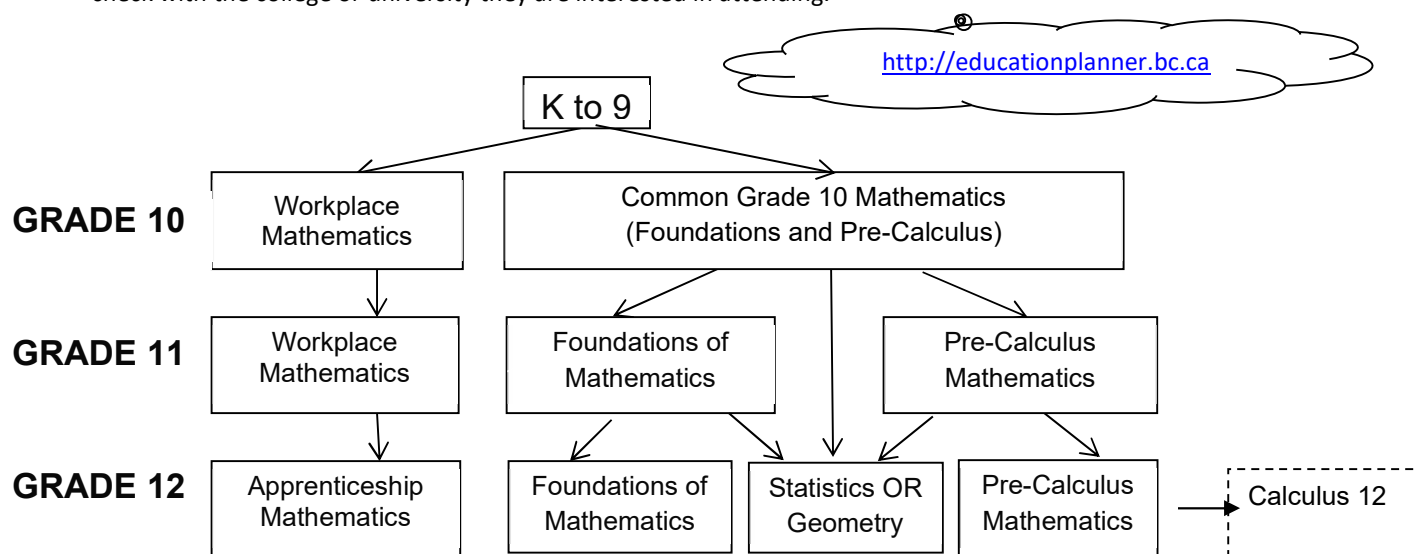


MATHEMATICS

Students must receive credit for a Mathematics 10 and a Mathematics 11 or 12. Careful selection is very important. Please read the following carefully and let a counsellor know if you have any questions.

SECONDARY MATH COURSES/PATHWAYS

- The courses have been designed in consultation with post-secondary institutions and industry. The goals of all three pathways are to provide prerequisite attitudes, knowledge, skills and understandings for specific post-secondary programs or direct entry into the work force.
- With guidance from their parents and the school, students will need to consider their personal/career interests, and areas of strength in math when deciding on the appropriate pathway.
- Each post-secondary institution has the right to set their own entrance requirements for programs, so students must check with the college or university they are interested in attending.



By choosing their pathway correctly, students will be better able to pursue mathematical learning that is suited to their needs and areas of interest.

Workplace Mathematics

- Designed for entry into the majority of trades and direct entry into the work force, including (but not limited to) some certificate, diploma, continuing education, trades, technical and apprenticeship programs.

Foundations of Mathematics

- Designed for post-secondary entry into fields that do not require undergraduate study of theoretical calculus, including (but not limited to) degrees in humanities, business and social sciences.



Pre-Calculus

- Designed for post-secondary entry into fields that require undergraduate study of theoretical calculus, including (but not limited to) degrees in mathematics, science, engineering, and medicine. It is strongly recommended students in this pathway also take Calculus 12.

GRADUATION REQUIREMENTS & POST-SECONDARY ADMISSIONS RELATED TO NEW MATH PATHWAYS

- To graduate, all students must complete a Grade 10 mathematics course as well as another math course at the Grade 11 or 12 level.
- Students may need to take courses from more than one math pathway to satisfy certain post-secondary program entrance requirements.
- Students, parents, and educators are encouraged to research the admission requirements for post-secondary programs of study as they vary by institution and by year.

MATHEMATICS - Students must receive credit for a Mathematics 10 and a Mathematics 11 or 12. Please read the following carefully and let the counsellor know if you have any questions. ***All 10-12 Math courses are 4 credits***

Foundations and Pre-Calculus 10
Workplace Mathematics 10

Foundations of Mathematics 12
Pre-Calculus 12
Calculus 12
Statistics 12

Foundations of Mathematics 11
Pre-Calculus 11
Workplace Mathematics 11

PHYSICAL AND HEALTH EDUCATION

Students must receive credit for Physical and Health Education 10

Physical and Health Education 10 (4 credits)

SCIENCES— Students must receive credit for Science 10 and a Science 11 or 12.

All 10-12 Science courses are 4 credits.

Science 10
Sciences Naturelles 10
Chemistry 11
Environmental Science 11
Life Sciences 11
New Life Sciences 11 - AP Prep
Physics 11

Anatomy and Physiology 12
Chemistry 12
Physics 12
Science for Citizens 11



SOCIAL STUDIES - Students must receive credit for Social Studies 10 and a Social Studies 11 or 12.

For those wanting a dual Dogwood (French and English Graduation) our school requires you to complete Sciences Humaines 10 and 11 (if chosen).

Social Studies education aims to ensure we are all well rounded citizens who contribute to society in positive ways. At Isfeld Secondary we recognize that our students are the future leaders of the world and our job is to ensure that these leaders have the best education in Social Studies possible. Students have a fantastic array of choices for their senior years at Isfeld. All of our grade 12 offerings are open to both Grade 11s and 12s and are recognized by British Columbia’s major universities. Students need to double check that their post-secondary school does accept their choice of senior Social Studies courses.

All 10-12 Social Studies courses are 4 credits.

- | | |
|--|------------------------------------|
| Social Studies 10 | Comparative Cultures 12 |
| Sciences Humaines 10 (FI) | Genocide Studies 12 |
| | Human Geography 12 |
| Explorations en Sciences Humaines 11 (FI) | Law Studies 12 |
| | Global Political Studies 12 |
| 20th Century World History 12 | Social Justice 12 |
| B.C. First Peoples 12 | |

COURSE DESCRIPTIONS

Our courses at the senior level are open to all students in Grades 10 through 12. We strongly encourage students to take a full program to take advantage of the opportunities made available to them.

APPLIED DESIGN, SKILLS, AND TECHNOLOGY

BUSINESS

Business Education builds an understanding of business skills and concepts in the context of current technology, ethical standards, and an increasingly global economy, empowering students with economic, financial, consumer, and communication skills for lifelong participation in local and global contexts.

New Business Ventures 10

Credits: 2 (Applied Design, Skills and Technology)

Prerequisite: None

Do you love hands on learning in a fun, project-based class? Consider taking Business Ventures 10, a new elective course at Mark Isfeld. Students in this course will engage with business principles such as marketing, innovation and entrepreneurship, human resources and finance but will do so through a Design Thinking approach. Students will also consider social responsibility, ethics and leadership skills in business practices. Practical applications of classroom learning and hands-on projects will encourage students to apply their skills to real-world opportunities.

Accounting 11

Credits: 4 (Applied Design, Skills, and Technology)

Prerequisite: None

This course is designed to provide students with the skills required for post-secondary studies in programs related to business (including, but not limited to, commerce, finance, economics, administration, clerical, law, marketing, management, bookkeeping) and / or self-employment.

Topics include: completing the accounting cycle (debit/credit, journalizing, posting to ledger, producing financial statements such as the balance sheet, income statement and trial balance), developing critical thinking, decision making and presentation skills (through discussion, research, technology and case study), and exploring career opportunities (role of accounting in business). Students will learn how to use and format spreadsheets in Microsoft Excel.

After successful completion of this course, students would likely take **Accounting 12**



Accounting 12

Credits: 4 (Applied Design, Skills, and Technology)

Prerequisite: Accounting 11

This course is designed to provide students with the skills required for post-secondary studies in programs related to business (including, but not limited to, commerce, finance, economics, administration, clerical, law, marketing, management, bookkeeping) and / or self-employment.

Topics include: expansion of principles introduced in Accounting 11 (specialized journals, detailed ledger accounts, accounts receivables / payables, statement reconciliation), basic payroll, inventory, control systems, financial reporting (for sole proprietorships, partnerships, co-operatives, and corporations), developing critical thinking, decision making and presentation skills (through discussion, research, technology and case study), and exploring career opportunities and the role of accounting in business. Students will continue to use and format spreadsheets in Microsoft Excel.

Economics 12

Credits: 4 (Applied Design, Skills, and Technologies)

Prerequisite: None

This course is designed to provide students with the skills required for post-secondary studies in programs related to business (including, but not limited to, commerce, finance, economics, administration, clerical, law, marketing, management, bookkeeping) and/or self-employment.

Topics include: the economic problem (how to make the best use of limited, or scarce, resources), macroeconomics (related to industry, national or global decisions / factors), microeconomics (related to individual or business decisions/ factors), financial and economic literacy (business cycle, opportunity costs, law of diminishing returns, indicators, efficiency, specialization, consumer choice, money, competition, labour, behavior, supply, demand equilibrium), Canadian economic system (structure, operation and impact of government actions on the markets) and developing critical thinking, decision making and presentation skills (through discussion, research, technology and case study)

Entrepreneurship 12

4 credits

Entrepreneurship 12 prepares individuals to perform marketing and management functions and tasks associated with owning and operating a business. Units may focus on marketing, sales, distribution, merchandising, and management, including ownership and management of enterprises engaged in marketing. This course will prepare students to perform one or more of the marketing functions, such as selling, buying, pricing, promoting, financing, transporting, storing, market research, and marketing management. This course offers the opportunity to work in groups and is designed to be very practical in the way it is taught.

Marketing and Promotion 11

4 credits

This course is perfect for students interested in a career in business, retail sales, advertising or self-employment. Using recent retail case studies, we will focus on the elements of the marketing mix which includes product, price, promotion and distribution of goods and services. In addition, the course will include units on marketing research, new product development, e-commerce, sport/event marketing, marketing careers and an introduction to private enterprise. Learn how Jones Soda has developed unique distribution channels or how/why Tim Horton's *roll up the rim* is a clever promotion. This course offers the opportunity to work in groups and is designed to be very practical in the way it is taught. Sign up now and enter the wonderful world of Marketing.



HOME ECONOMICS AND CULINARY ARTS

Home Economics courses are more specialized than those in Grades 8 and 9. Although content may be specific to the course (i.e. foods, baking, textiles etc.) students are expected to be continually focusing on meeting the needs and wants of individuals and families in a responsible manner. Students will continue to develop their time management and organizational skills. Students will have the opportunity to explore careers associated with the various courses. Skills learned may be used and applied towards specific training or to encourage further education to support a future career.

Child Development and Caregiving 12

4 credits

Satisfies the Applied Design, Skills, and Technology requirement for graduation

Do you plan to live on your own soon? Enjoy working with children? Plan to pursue a career in Early Childhood Education or Teaching? If “Yes!” is your answer to any of these questions, then this is the course for you. Child Development and Caregiving 12 is a practical course about relationships, families, human growth, and development. You will learn about the needs and wants of families and individuals, and how to manage personal and family resources like time, money, and energy. With guest speakers, practical activities and unusual projects, this course is great if you are interested in psychology, sociology, human development or if you are simply planning for your future.

Food Studies 10

2 credits

In this updated Food Studies 10 course, students will have the opportunity to experience simple yet creative meal preparation with an emphasis on integrating baking and baked products. Various food trends will be explored, and students will have the opportunity to further develop their skill level with respect to the various methods and techniques associated with baking and food preparation. Students will have the opportunity for input throughout the course.

Food Studies 11

4 credits

Satisfies the Applied Design, Skills, and Technology requirement for graduation

Building on Food Studies 10, this course enhances learning in best practices of culinary professionalism in a commercial kitchen including consumer services. Diverse cuisines, artistic elements of the culinary arts and prevention strategies of food borne illnesses are also explored. This course will also explore meal design and preparation, recipe modification and food systems and security.

Food Studies 12

4 credits

Satisfies the Applied Design, Skills, and Technology requirement for graduation

Building off Food Studies 11, this course offers opportunities for menu design, exploration of ethnic and First Peoples cuisines and creative ways to approach detailed culinary principles such as seasoning and dietary substitutions. Learning includes career opportunities in the culinary arts industry and societal perceptions of chefs and food trends.



Specialized Studies In Foods - Baking 12

4 credits

Satisfies the Applied Design, Skills, and Technology requirement for graduation

Specialized Studies in Foods, commonly known as Baking 12, is designed for students who are interested in learning more about a particular cuisine and/or cooking methodology. The course allows students to delve deeply into a selected specialized area of focus as they pursue the learning standards. The area of focus in this course is the design and baking of customized specialty cakes, breads and pastries with an emphasis on the changes that have been taking place in today's marketplace and how baked products can be integrated into a healthy lifestyle.

INFORMATION & COMMUNICATIONS TECHNOLOGY

Be prepared for the world of the 21st century. Are you worried you might not be prepared for a world where computers are a major part of almost every job? Do you want to be prepared for whatever job comes your way in the future? Then these courses are for you.

Computer Studies 10

2 credits

Students will learn how computers are put together and how the parts function to make a complete machine. They will learn to build, take apart and troubleshoot computers as well as install and maintain operating systems. They will learn how computer networks are built and function. By the end of the course, students should be able to select components and build their own computer as well as install various operating systems (like Windows) and troubleshoot problems that may come up.

Web Development 10

2 credits

Web Development 10 is your chance to developing coding skills by learning the basics of HTML, CSS and JavaScript. Learn how to create your own websites and learn design for the web. Prepare yourself for the future while learning how websites work and the fundamentals of web development.

Digital Communications 11

4 credits

Want to learn the skills to use digital office tools and create content for the web? This is the place for you. Learn how to create, edit, share, and critically evaluate web content. Develop your digital communication skills while exploring how to get effectively convey your message.

Computer Information Systems 11/12

4 credits

Learn to build, fix, and maintain computer systems and networks. This is a great choice if you want to work with computers in the future or want to be able to fix your own computers and avoid paying other people to do it for you. Learn the fundamentals of computer hardware, software installation, and how to keep your valuable data safe.

Computer Programming 11/12

4 credits

Learn how to break problems down into tasks that can be handled by code. Using Python (or another language of your choice), learn how to create your own programs and simple games. Develop your logic and problem-solving skills while preparing yourself for a world that is increasingly influenced by algorithms and computer code. Once you have mastered the basics, Possibilities include creating mobile apps, game design with Unity, learning to work with AI, and more. You will gain valuable skills while developing a portfolio that showcases your skills.



Digital Media Design/Development 11/12**4 credits**

Do you love Art, but want some skills so you can actually get a job doing artistic things? This course is for you. Learn how to do art on a computer: photo editing, animation, 3-D graphics & animation, audio editing and a bit of video editing. If you want, you can learn how to make all of the art work that is used as special effects in movies and the basis for all computer games.

Graphic Production 11/12**4 credits**

Graphic Production 11 combines learning related to graphic design and product development, including the use of standards-compliant technologies, techniques for image development, and the influence of graphic production on culture. Graphic Production 12 goes on to combine complex graphic design with product development, including project management, resource planning, advanced use of production tools and equipment, and knowledge of industry standard technologies.

Media Design: Yearbook 10/11/12**2 or 4 credits**

Media Design is the course responsible for publishing Mark R. Isfeld's yearbook. This is a hands-on learning experience using industry standard software for publishing, Adobe InDesign, photography, Adobe Photoshop, graphic design, Adobe Illustrator, all connected through Adobe Creative Cloud. This course offers students who are interested in professional writing, professional photography or professional graphic design the opportunity to learn and use the tools of the trade to produce a final product that beautifully demonstrates their abilities as a professional in the publishing industry.

This course is offered at the grade 10 (2 credits) and grades 11 - 12 (4 credits) levels.



TECHNOLOGY EDUCATION

Drafting 10

2 credits

Drafting is simply drawing for making. All things properly made are drawn before tools and materials come into play. This course will introduce you to accepted standards and methods used for conveying ideas for manufacture (technical drawing). Initial exercises will expose students to “manual drafting” techniques with these soon transitioning to modern methods that involve Computer Assisted Design (CAD). Want to make things? Want to be an architect, engineer, surveyor, carpenter, machinist, fashion and graphic designer, product designer (the list goes on)? Then you will need to know how to put your ideas down on paper or model them in 3D to communicate these concepts to others. To re-enforce that the purpose of drafting is “drawing to make”, course exercises will involve outputting to CNC tooling (Laser Engraver/Cutter, 3D Printers, CNC Router) to make real projects that have been drawn.

Drafting 11 and 12

4 credits

No prior drafting experience is required. What is “Drafting”? Simply put, it is drawing for making while adhering to accepted standards and practices. All manufactured items are drawn prior to being made. It is well worth your time to learn these basic skills as you will be able to apply and rely on them throughout the course of your life. Many careers involve, if not the drawing process itself, the ability to interpret technical drawings. By learning how to make these drawings yourself everything in this regard will be that much easier. Major units of the course are Mechanical Drawings (3D modelling) and Architectural Drawings (House Design/Planning). Drawings will be made using both manual techniques and Computer Assisted Design (CAD). Besides creating drawings, you can expect to use modern manufacturing tools (Laser, 3D printer, CNC Router) aimed to re-enforce that this method of drawing is directly connected to making.

Electronics/Robotics 10

2 credits

Electronics and Robotics are driving the rapid changes our world is currently experiencing. This course allows you to explore these areas and begin to develop an understanding of electricity, electronics components and circuits, microcontrollers, programming and robotics. You will build fun projects, that will allow you to develop the practical skills required to make your electronics knowledge come to life! Circuit board construction, computer programming, 3D modelling, 3D printers, laser engraving/cutting will all be covered in this hands-on course!

Jewelry 10

2 credits

Design and make your own one-of-a-kind jewelry! You will learn about jewelry design and construction, tools and equipment, safe workshop practices, cold and hot metal working procedures, and both traditional and modern jewelry making techniques as you create/make custom rings, bracelets, pendants, keychains, and castings from a variety of materials. Whether it’s a career or a hobby, jewelry making can be a very fun and satisfying pursuit.

Jewelry 12

4 credits

Also open to grade 11s! Design and make your own one-of-a-kind jewelry! You will learn about jewelry design and construction, tools and equipment, safe workshop practices, cold and hot metal working procedures and both traditional and modern jewelry making techniques as you create/make custom rings, bracelets, pendants, keychains and castings from a variety of materials. Whether it’s a career, or a hobby, jewelry making can be a very fun and satisfying pursuit.



Engineering 11/12

4 credits

What do Engineers do? Simply put, they apply their knowledge to solve real world problems. In this course you will be challenged to solve real world problems in fun and engaging ways. You will use both traditional and “leading edge” tools in making your solutions and learn to work and apply the “*Engineering Design Cycle*” to assess and refine them. This active and hands-on course will also involve, at times, working collaboratively in small engineering teams.

Metalwork

- I. **Metalwork 10 (2 credits)** This course will give students the skills to work with an amazing material in a variety of ways. Students will learn about design, accurate measurement and layout, and will cut, drill, form, weld, machine and finish several very different projects. Both the technical and artistic side of metalwork will be experienced through projects such as a belt buckle and a jewelry saw project.
- II. **Metalwork 11 (4 credits)** In this course you will continue to improve your fabrication and machining skills and will build new skills using sheet metal techniques. You will be introduced to new methods of welding, and will advance your machining ability, adding new level of precision to your work. Project work will include more complex fabrication and machining projects than in previous courses, but art and creativity will remain a part of metalwork at this level. Students who master the skills presented in the course will have a chance to create their own project as well.
- III. **Metalwork 12 (4 credits)** This course continues to build on skills from previous levels. You will complete a metal fabrication “production run” of projects, will continue to advance your machining skills, and will work with new materials such as aluminum. Advanced students will design and build their own projects.

Woodwork 10

2 credits

Do you like working with your head and hands? Woodwork 10 is a traditional class with a modern take. You will learn project design, woodworking techniques, and safe tool usage, applying this knowledge to construct a high-quality woodwork project designed to expose you to the process of project construction from start to finish. The focus of the course will be a main project, after which, time permitting, students will select from secondary project options to further explore the wonders of woodworking. The use of Computer Assisted Design (CAD) and the possible incorporation of CNC router and/or Laser engraving to enhance projects will expose students to the modernization of woodworking.

Woodwork 11: Skills Exploration

4 credits

Woodwork 11 requires no prior experience. Students will build projects designed to teach woodworking skills suited to their experience level. Introductory projects will set the stage and the knowledge required for student project choice. After completion of required base projects, students, in consultation with the teacher, will determine project direction for their “student choice” project(s). Students interested in trades, may elect, for their “choice” project, to complete trades sampler modules to better understand electrical, plumbing, carpentry and/or drafting.

Woodwork 12

4 credits

Students will build projects design to teach woodworking skills suited to their experience level. Introductory projects will teach/reinforce base knowledge which, upon completion, will allow for student choice projects, to be determined in consultation with the teacher. As is the case with Woodwork 11, students that may be interested in pursuing trades as a career option may elect, for their “choice” project, to complete trades sampler modules to better understand electrical, plumbing, carpentry, and/or drafting.



ARTS EDUCATION

DRAMA

Directing & Script Development 11/12

4 credits

Approach theatre from the other side. This course is an introduction to the art of script writing and directing. Get experience in a non-threatening environment writing and directing a variety of short theatre pieces. Performances will depend on the desire and ability of the class. Students are expected to be able to work independently.

Drama (Theatre Performance)

- I. **Drama 10 (2 credits):** Explore the art of drama: focused energy, listening skills, and the desire and ability to work with others. Activities will include drama games, improvisation, scene development and presentations to the class.
- II. **Drama 11 (4 credits):** This is a theatre course where students learn acting skills, stage terminology, backstage duties, voice, and movement. This course works mainly from scripted material so the student can gain experience needed for performing as an actor.
- III. **Drama 12 (4 credits):** In this course students continue to work on those skills covered in the previous two levels. Students learn more terminology, back-stage duties, and acting skills. A public performance will be included in this course. From this course, students will have the opportunity to explore careers in professional acting.

Film and Television 11

4 credits

Begin to master the skillset for creating high quality videos. In this course, students will describe and analyze how meaning is communicated in moving images through technologies, and techniques. Various techniques covered will include idea generation, shot design and sequencing, digital editing and special effects. Some of the projects students will undertake include: a PSA, how to design content/shoot for a YouTube channel, 15-30 sec. commercial, music video, and a mini documentary. Students interested in being part of MITV should sign up for this class.

Film and Television 12

4 credits

At this level, more time is spent analyzing and critiquing film productions and how media affects society. There will be a strong emphasis on creating high quality work that can be used as part of a professional portfolio for applying to post-secondary education. Students will work on independent projects, many of their own choosing. Students entering this course should be self-motivated, and competent in video editing. Strong computer skills, access to a camera, and prior photographic/video experience will be an asset.

Theatre Company: Improv 10/11/12

Students develop the competencies necessary to collaborate in the production of a theatre performance. This course takes place outside the timetable with rehearsal times will be established through teacher and student consultation. Theatre Company challenges students who want to improve their Theatre and Improvisational performance skills and compete in the (CIG) Canadian Improv Games held at various times throughout the school year.



Theatre Production

- I. **Theatre Production 11 (4 credits):** Students will learn at least five of the different duties required in technical theatre. These include sound, stage management, costumes, set design, set construction, scenic painting, make-up, publicity, stage crew, house management, tickets and program. Students must be able to work independently.
- II. **Theatre Production 12 (4 credits):** This is a continuation of Theatre Production with a more in-depth dedication to specific areas. Students must choose an area of expertise.

MUSIC

Choral Music: Concert Choir 10/11/12

4 credits each level

This course offers students an opportunity to explore the vast array of choral literature that has been written over the past 9 Centuries. Singers will be introduced to classical, folk, jazz, spiritual, gospel and pop music in a choral setting and concepts such as music appreciation and analysis, vocal technique. Due to the nature of the course students will learn the value of working as a group to accomplish a unified goal and will build a sense of trust. Being a member of Concert Choir is a great way to enhance musical skills and life skills. Grades 8s and 9s are welcome and encouraged to join choir but will not receive credit until grade 10. Students have the opportunity to participate in a major trip in the spring. ***Sign up in September with choir teacher.**

Instrumental Music: Concert Band

- I. **Instrumental Music: Concert Band 10 (4 credits):** This course offers the student an opportunity to study instrumental music in a group setting. The class will focus on individual and ensemble playing techniques, musical literacy, conducting, score study, teamwork, group effort as well as rehearsal and performance of band literature in a variety of styles. Students have the opportunity to participate in a major trip in the spring.
- II. **Instrumental Music: Concert Band 11 (4 credits):** Concert Band 11 is for students who possess more advanced skills and experience in playing a musical instrument. This course offers the student an opportunity to further develop their musical literacy, ensemble techniques through a wide variety of band literature, as well as reinforcing the areas of self-discipline, communication and creativity in a group setting. The continued use of music for the enrichment of one's life will also be promoted. Students have the opportunity to participate in a major trip in the spring.
- III. **Instrumental Music: Concert Band 12 (4 credits):** Concert Band 12 is for students who possess more advanced skills and experience in playing a musical instrument. This course offers the student an opportunity to further develop their musical literacy, ensemble techniques through a wide variety of band literature, as well as reinforcing the areas of self-discipline, communication and creativity in a group setting. The continued use of music for the enrichment of one's life will also be promoted. Students have the opportunity to participate in a major trip in the spring.

A variety of courses are offered in the music department, however, some of them may meet outside the timetable, either before or after school, or at lunch. Students who choose these courses are expected to attend and participate – just as they would with any other course within the timetable. We hope that by offering these courses outside the regular schedule, students will be given more flexibility to pursue their musical interests. Students have the opportunity to participate in a major trip in the spring.



Instrumental Music: Jazz Band

- I. **Instrumental Music: Jazz Band 10 (4 credits):** This course offers students an opportunity to study and perform jazz in an instrumental setting. In addition to rehearsing and performing jazz in a variety of styles students will also learn historical and theoretical concepts specific to the jazz idiom. Improvisation is introduced and developed. Students have the opportunity to participate in a major trip in the spring. This course is taught outside the timetable (Tuesdays and Thursdays 7:45am-9:00am) so it does not take up a spot for other electives.
- II. **Instrumental Music: Jazz Band 11 (4 credits):** This course offers students an opportunity to study and perform jazz in an instrumental setting. In addition to rehearsing and performing jazz in a variety of styles students will also learn historical and theoretical concepts specific to the jazz idiom. Improvisation is further developed. Students have the opportunity to participate in a major trip in the spring. This course is taught outside the timetable (Tuesdays and Thursdays 7:45am-9:00am) so it does not take up a spot for other electives.
- III. **Instrumental Music: Jazz Band 12 (4 Grade 12 credits):** This course offers students an opportunity to study and perform jazz in an instrumental setting. In addition to rehearsing and performing jazz in a variety of styles students will also learn historical and theoretical concepts specific to the jazz idiom. Improvisation skills are further developed. Students have the opportunity to participate in a major trip in the spring. This course is taught outside the timetable (at Tuesdays and Thursdays 7:45am-9:00am) so it does not take up a spot for other electives.

***Sign up in September with band teacher.**



VISUAL ARTS

Art 2D: Graphic Arts 10

2 credits

The focus of this course is on graphic design and the printmaking process. Students will create 2D artworks using sensory inspiration, inquiry, and imagination. Students will develop and refine artistic skills and techniques and express meaning and intent through their work. Students will explore basic techniques in the following areas: logo design, stencil design and creation, mono-printing, relief printing, gelli plates, lino cut (stamp making), t-shirt design, and screen printing. Some computer-based projects will be included in this course well.

Art Studio 10

2 Credits

This course is for students who have a keen interest in Art and want to work on extending their knowledge and skills. The focus of this class is on the creative process and experimentation within a variety of mediums, some of which include drawing, watercolor and acrylic painting, clay, collage, and mixed media. Art is approached through problem solving and independent exploration. Students will build on current artistic skills and be encouraged to begin developing their own creative style using the principles and elements of design. This course also provides the opportunity for students to work on their own choice projects in a relaxed, creative environment. Students are encouraged to tap into their creative potential regardless of previous experience or ability in art.

Art Studio 11

4 credits

Students will continue to explore and create artistic works using sensory inspiration, imagination, and inquiry. Students will use a range of materials, processes, and technologies to convey original ideas. Some mediums which will be explored include drawing, acrylic and watercolour painting, oil stick/pastel, concrete, clay, collage and mixed media. Time will be spent exploring contributions of innovative visual artists from a variety of movements and contexts. We will discuss the concepts of ethics and cultural appropriation in art. One major project will focus on creating art based on a contemporary issue in today's society.

Art Studio 12

4 credits

Senior level Art students will be given the latitude to explore creative and critical thinking within themes in their studio work. Emphasis on developing a focus in their projects and a personal style will complement the further acquisition of skills and historical perspectives that this course will offer. Time will be spent exploring contributions of innovative visual artists from a variety of movements and contexts. Strong personal time management skills as well as the self-motivation to pursue a given goal are required. Group projects and larger-scale work will be incorporated into this program, as well as investigations involving non-traditional materials and techniques. Students will work toward producing a collection of work which could be used as a portfolio for further studies in the Visual Arts or Design fields.

Graphic Arts 11

4 credits

Students will create graphic artworks using sensory inspiration, imagination, and inquiry. They will use elements of art and principle of design during printmaking and graphic creation using a variety of forms, materials, technologies, and processes. Students will be working with themes such self-awareness, culture, worldview, movement period, and social issues. Students will design, create, and refine graphic artworks in project such as: traditional printmaking, graphic design, illustration, and concept art for the purpose of reproduction.



Graphic Arts 12

4 credits

Students will create graphic artworks using sensory inspiration, imagination, and inquiry. They will use elements of art and principle of design during printmaking, and graphic creation using a variety of forms, materials, technologies, and processes. Students will be working with themes such as self-awareness, culture, worldview, and social issues. Students will discover how graphic design impacts society. They will study a variety of artistic movements, and periods as well as the moral rights and ethics of graphic design. Students will design, create, and refine graphic artworks in project such as: printmaking, graphic design, illustration, and concept art for the purpose of reproduction.

Photography 10

2 credits

This is an introductory level photography course where students will learn composition skills, camera basics, photo management & photo editing skills using Photoshop CC. Students who have taken the course at the Grade 9 level will be encouraged to build on existing skills through a new set of assignments. Access to a digital camera will be an asset; however, it is not a requirement. Students are required to have a 16 GB photo SD card. Please refer to the photo blog to check out the course.

www.isfeldphotography.blogspot.com

Photography 11

4 credits

This is an advanced course in digital photography which utilizes photography as a medium for artistic expression and builds on basic photographic skills and knowledge. Students will independently create, design, and present images that reflect their own individuality and style. The main focus of this course will have students creating and manipulating personally meaningful images in order to elicit audience response, enhance editing techniques, and utilize Photoshop CC.

Assignments will focus on photography in advertising, light work, and building a collection of conceptual photographs as well as creating a short video. Strong computer skills, access to a camera, and prior photographic experience will be an asset. There may be some additional costs involved for photo reproduction. Students must have their own 16GB photo SD card and jump drive. For further information, check out the course at: www.isfeldphotoadvanced.blogspot.com

Photography 12 – Independent Directed Study

4 credits

Students taking Photo 12 should have taken a photography class (preferably Photo 11) or have a solid digital photo collection. In Digital Photography 12, students will work with the teacher to develop their own Independent Directed Study in Photography class, exploring personal themes and techniques. Students are expected to use manual functions on the camera, as well as utilizing advanced Photoshop techniques. Students will experiment with trick photography and conceptual photography techniques. Strong personal time management skills and a high level of self-motivation are essential for success at this level. Students will create a portfolio of their work which will be published into a photo book and on a website. It is highly recommended that students have their own camera, a 16 GB SD card and can work independently. Students are expected to cover the cost for their photobook and photo artwork. For further information, check out the course:

www.isfeldphotoadvanced.blogspot.com

Note: Mandatory completion of Digital Photography 10 or 11 and/or a comprehensive digital photo collection. Students will attend a class, however they must be able to work independently.



CAREER EDUCATION (GRADUATION REQUIREMENT)

Career Life Education A and B

The Career Life Education program in School District 71 addresses the connection and overlap between areas of intellectual development, human and social development, and career development by creating healthy, active and educated citizens. Career Life Education is a 4-credit course (delivered in grades 10 and 11 for 2 credits each) designed to enable students to develop the skills they need to become self-directed individuals who make thoughtful decisions, set goals, and take responsibility for pursuing their goals throughout life. Students will explore a wide range of career and post-secondary options, think critically about health issues and decision making, develop financial literacy skills and plan the actions required to pursue future goals. In addition, students will lay the foundation for their Career Life Connections and Capstone Project standards.

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

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

Career Life Connections

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

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

Career Life Connections is offered at Mark Isfeld through in class (within a student's timetable) instruction, or hybrid (outside a student's timetable) options.



ENGLISH LANGUAGE ARTS

GRADE 10

Literary Studies 10 (2 credits) and Composition 10 (2 credits): (pre-selected for all students)

In this course, students will develop skills in written communication and will explore various forms of literature aimed towards an understanding of themselves and the world around them. Students will read and create coherent compositions for a variety of purposes and audiences and will use an increasing repertoire of English skills to communicate with others and respond to texts. In addition to providing students with the opportunity to discuss and analyze a variety of both modern and classic fictional texts in a range of media, it will also allow explore creative compositions, non-fiction texts, and new media.

GRADE 11

All grade 11 students will complete English First Peoples 11 to meet their English Studies 11 requirement and their Indigenous Education Graduation requirement.

English First Peoples-Literary Studies and New Media 11

4 credits

Literary Studies + New Media 11 is designed for students who are interested in studying First Peoples' literature and examining the evolving role of technology in today's society. Students delve deeply into First Peoples' 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 will extend their capacity to communicate effectively in a variety of contexts and deepen their understanding of themselves and the world.

Recommended: Prior Completion of English 10

Creative Writing 11 (Elective)

4 credits

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.

PLEASE NOTE: Creative Writing 11 is not a substitute for English 11 credit or English First Peoples 11 credit (Indigenous Education Graduation credit)



GRADE 12

English Studies 12

4 credits

ENGLISH Studies 12 is a comprehensive survey course that emphasizes the purposeful analysis of writing, both fictional and non-fictional, and the crafting of extended types of expression in writing: distilling purpose in a piece of writing, comparing and synthesizing theme, and creating frameworks of introspection. Although the course involves many means of communication, there will be emphasis throughout on writing: formal paragraph and essay writing, and also personal, reflective compositions.

Recommended: Prior Completion of English 11 selection

AP English Literature and Composition 12

4 credits

This is an academically rigorous English course that incorporates topics and literary texts which reflect the potential content and skills equivalent to first-year university English courses. Students should be highly motivated and have a genuine interest in the history of English literature and the English language. The course places a heavy emphasis on plays, novels, and poetry, but also incorporates the study of non-fiction prose and shorter fiction prose works. Course material draws largely from a foundation of texts in the literary canon, but also explores many contemporary texts. Throughout the course, students will consider a work's structure, style, and themes, as well as smaller scale elements such as the use of figurative language, imagery, symbolism, and tone. Although essay writing is a main focus, in-class discussions will be instrumental in building interpretative skills.

Students are encouraged to write the Advanced Placement examination in May for the possible granting of college or university course credit. This is a combined course with English Studies 12; students should register only for the course code indicated above.

English First Peoples 12

4 credits

English First Peoples 12 is a semester-long English course with a First Peoples' literature focus. The course is a contemporary literature and oral tradition-based course that serves as entrance into university and most college programs. The course introduces local history, sociology, anthropology and the processes of critical literacy. Studies include novels, drama, essays, short stories and oral language traditions. The class is the academic equivalent of English 12.

Recommended Prior Completion of English 11 selection

Creative Writing 12 (Elective)

4 credits

Creative Writing 12 is an elective English course for students who love storytelling in all its forms. While no previous creative writing coursework is required, students should have a genuine interest in reading, writing, the creative process, and in developing their own creative work. The course will cover a variety of genres (short fiction, poetry, screenwriting, journalism, and travel writing), and will emphasize the importance of process: pre-writing, drafting, revising, and publication. Working within a supportive, community-focused feedback process, students will also specialize and work in a genre of their own choosing and consider real-world publication opportunities. (Please note that this is an elective course and is not an alternative to taking English Studies 12 or English First Peoples 12).

PLEASE NOTE this is an elective course and does not count as an English Studies 12 graduation credit.

Recommended Prior Completion of English Language Arts 10/interest in Writing



FRANÇAIS LANGUE SECONDE-IMMERSION

Français Langue 10

4 credits

This is a required course for students in French Immersion. Through their study of language and communication conventions, students explore the relationship between language and culture. Students will work on many different media including reading (novels, poetry, short stories, and non-fiction); listening (songs, speeches, and plays); viewing (plays, movies, and the internet); and writing (paragraphs, essays, and focused responses).

Recommended : Prior completion of Français Langue 9

Études du cinéma et de la littérature francophones 11 **(French-Language Film and Literary Studies)**

4 credits

French-Language Film and Literary Studies 11 is designed to encourage students to discover, explore, analyze, and interpret cinematographic and literary works of the French-speaking world. By studying a variety of texts, students will acquire knowledge of Francophone culture, which will contribute to the development of their identity.

The film component of the course will enable students to discover cinematographic works from different eras, cultures, styles, and genres. In addition, students will develop their ability to analyze, interpret, and reflect in order to better appreciate cinematographic works from the French-speaking world. They will explore their imagination and develop their creativity, writing style, and spoken communication through multiple cinematographic genres.

Through the literature component, students will discover a variety of literary texts and works from different eras, cultures, styles, and genres. In addition, they will develop their ability to analyze, interpret, and reflect in order to better appreciate literary works from the French-speaking world. Students will explore their imagination and develop their creativity and writing style through multiple literary genres.

Recommended: Prior Completion of Français Langue 10

Français Langue 12

4 credits

Ce cours est obligatoire pour l'obtention du diplôme bilingue. On continuera donc à travailler les habiletés de communication orales et écrites de l'élève. On fera l'étude de diverses œuvres littéraires de la francophonie internationale. La poésie, la pièce de théâtre, le roman, le film et le texte informatif feront partie de notre répertoire.

Recommended : Prior Completion of Français Langue 11



LANGUAGES

French 10

4 credits

This course continues to develop language skills learned in Grade 9 – listening, speaking, reading and writing. Students considering post-secondary education should think seriously about taking French 10 and 11.

Recommended Prior Completion of: French 9

French 11

4 credits

Core French 11 focuses on developing communication competencies in the French language, exploring Francophone communities and cultures within Canada and around the world, exploring identity, and engaging in the range of opportunities and experiences that developing proficiency in French provides.

French 12

4 credits

In this course, we will continue to work on developing French language skills through storytelling, drama and conversation-style activities, film, and novel studies. We will continue to refine our writing in French and to explore the richness of francophone culture in Canada and around the world. A main goal is for students to become more confident speakers and listeners in French. Opportunities may include TPRS-style learning (Teaching Proficiency through Reading and Storytelling) and a chance to prepare for an internationally recognized DELF exam (Diplome d'etudes de langue francaise).

Spanish 10/Spanish 11 – Introductory

4 credits

Hola, ¿qué tal? This course is open to any student interested in learning some basic Spanish. Have you found out you need a second language? Planning on travelling this year, or after graduation? Would you like to know more than “Dos cervezas, por favor”? This introductory course guides you through the skills needed for basic communication in Spanish, giving you the opportunity to be involved real conversations. Learn to ask questions, speak about yourself and your interests, and gain understanding of Hispanic cultures and customs. Although grammar will be studied to enable the development of language patterns, the focus will be on conversation and vocabulary development. Bienvenidos a todos.

No prerequisites required

Spanish 11

4 credits

Bienvenidos al español 11. This is where things begin to snowball big time! All the material learned in Grades 9 and 10 combine and by the end of Grade 11, you will feel confident with your language skills. You will impress your parents on your next family vacation to Mexico; the Spanish-speaking world is opening up to you. With the skills and insights, you will gain, you will be able to discover places other tourists don't go and experience the depth of authentic interactions. In this course, plan to explore both cultural differences and social issues. Spanish is recognized as a Grade 11 second language, which may ease your way into the university of your choice. Hasta pronto.

Recommended: Prior Completion of Spanish 10 or Spanish 11 – Introductory

Spanish 12

4 credits

This course is designed for those who love speaking Spanish and enjoy the opportunity to discuss contemporary issues. Through further exploration of cultural diversity, students gain a greater understanding of alternate outlooks and behaviors. Spanish is the



main language of instruction and students are expected to be active participants. Students will make travel plans, practice communicating for authentic situations, and have in depth conversations expressing personal ideas and opinions. Reading comprehension skills will be developed through use of the internet and Spanish texts. Having Spanish 12 will be helpful in your search for jobs in the tourism industry, development aid, translation, diplomacy, and international relations. ¡Adelante!

Recommended: Prior Completion of Spanish 11



MATHEMATICS

Mathematics education aims to ensure that citizens are numerate and have mathematical habits of mind. The curriculum develops skills and processes that citizens can use to critically analyze information and provides the fundamentals on which mathematical specialties and professional applications of mathematics are built.

Foundations and Pre-Calculus 10

4 credits

This course is designed to provide students with the skills required for post-secondary studies in programs that may or may not require theoretical calculus. **Topics include** factoring of polynomial expressions, simplifying irrational numbers, powers with integral and rational exponents, relations and functions, analysis of linear relations and function notation, solving systems of linear relations, trigonometry with primary ratio, financial literacy including types of income and income tax, and arithmetic sequence. After successful completion of this course, students will choose one or both of the following courses/pathways:

Recommended Prior Completion of: Mathematics 9

Workplace Mathematics 10

4 credits

This course is designed to provide students with the skills required for training in many post-secondary trades' programs and for direct entry into the workplace. Big ideas include proportional reasoning, using 3D objects to determine length, and representing and analyzing data. Topics include creating, interpreting and critiquing graphs, primary trigonometric ratios, metric and imperial conversions, surface area and volume, central tendency, experimental probability and gross and net pay. **After successful completion of this course, students will choose Workplace Mathematics 11.**

Recommended Prior Completion of: Mathematics 9.

NOTE: Contact post-secondary academic advisors for information on prerequisites for their programs

Foundations of Mathematics 11

4 credits

This course is designed to provide students with the skills required for post-secondary studies in programs that may not require theoretical calculus. **Topics include:** scale diagrams and scale factors; perimeter, area, and volume; properties of angles and triangles (proofs and applications); Sine Law and Cosine Law (including ambiguous case); inductive and deductive reasoning; spatial reasoning via games and puzzles; normal distribution (standard deviation and z-scores); confidence intervals, confidence levels, and margin of error; systems of linear inequalities; quadratic functions, and financial literacy including compound interest. After successful completion of this course, students will choose one or both of the following courses/pathways:

- **Foundations of Mathematics 12**
- **Pre-Calculus 11**

Recommended Prior Completion of: Foundations of Mathematics & Pre-Calculus 10

NOTE: Contact post-secondary academic advisors for information on prerequisites for their programs.



Pre-Calculus 11 Mathematics

4 credits

Prerequisite: Foundations of Mathematics & Pre-Calculus 10

This course is designed to provide students with the skills required for post-secondary studies in programs that may require theoretical calculus, including (but not limited to) degrees in mathematics, science, engineering, medicine and business.

Topics include: real number system, powers with rational exponents, radical operations and equations, polynomial factoring, rational expressions and equations, quadratic functions and equations, linear and quadratic inequalities, trigonometry (non-right triangles and angles in standard position) and financial literacy (compound interest, investments, loans).

After successful completion of this course, students would likely take **Pre-Calculus 12 followed by Calculus 12**

NOTE: Contact post-secondary academic advisors for information on prerequisites for their programs

Workplace Mathematics 11

4 credits

This course is designed to provide students with the skills required for training in many post-secondary trades programs and for direct entry into the workplace. Big ideas include proportional reasoning, decision making, 3D objects in a 2D space and representing and analyzing data. Topics include personal investments, loans and budgeting, rate of change, probability and statistics, interpreting graphs and 3D objects.

After successful completion of this course, students may choose Apprenticeship Mathematics 12.

Recommended Prior Completion of: Apprenticeship and Workplace Mathematics 10

NOTE: Contact post-secondary academic advisors for information on prerequisites for their programs

Calculus 12

4 credits

Prerequisite: Pre-Calculus 12

This course is designed to provide students with the skills necessary for post-secondary studies in programs that will require theoretical calculus, including (but not limited to) degrees in mathematics, science, engineering, medicine and some business.

Topics Include: functions and graphs, limits, differentiation (rate of change, differentiation rules, higher order, implicit, applications), integration (approximations, methods, applications), and the fundamental theorem of calculus.

After successful completion of this course, students will have covered most of the content covered in a first Calculus course at post-secondary.

NOTE 1: Contact post-secondary academic advisors for information on prerequisites for their programs.

NOTE 2: Pre-Calculus Math 12 must be completed (Semester 1) prior to taking Calculus 12 (Semester 2).



Foundations of Mathematics 12

4 credits

This course is designed to provide students with the skills required for post-secondary studies in programs that may not require theoretical calculus. **Topics include** financial planning - developing a personal financial portfolio, mortgages, changing interest rates, credit cards, banking options and financial markets, numerical and logical reasoning via puzzles and games, simple set theory (Venn diagrams, intersection, union, and complement), conditional statements, assessing validity of probability and odds-based statements, probability of mutually and non-mutually exclusive, dependent and independent events, fundamental counting principal, permutations, and combinations, polynomial, (degree < 3), logarithmic, exponential, and sinusoidal functions, research project: current event or area of interest related to mathematics.

Recommended Prior Completion of: Foundations of Mathematics 11

Pre-Calculus 12

4 credits

Prerequisite: Pre-Calculus 11

This course is designed to provide students with the skills necessary for post-secondary studies in programs that may require theoretical calculus, including (but not limited to) degrees in mathematics, science, engineering, medicine and business.

Topics include: transformations of functions & relations, exponential functions & equations, geometric sequences & series, logarithmic operations, functions, & equations, polynomial functions & equations, rational functions, and trigonometric functions, equations, & identities.

After successful completion of this course, students may choose to take **Calculus 12** in Semester 2

NOTE: Contact post-secondary academic advisors for information on prerequisites for their programs.

Statistics 12

4 credits

Statistics is a branch of mathematics dealing with data collection, organization, analysis, interpretation and presentation. Statistics plays an integral role in research, decision making, and policy in society. Statistical analysis allows us to explore, describe, model, and explain variation. Statistics 12 can develop your statistical thinking to help make inferences intuitive. Therefore, this course is beneficial to anyone planning a career that involves data, including the sciences, engineering, medicine, psychology, finances, sociology, history, etc. Topics include: the role of statistical thinking (census vs sample, developing research questions, randomization); observational statistics (appropriateness, surveys and questionnaires, limitations, bias); experimental statistics (data collection, practical and ethical concerns, experimental design); graphical statistics (measures of central tendency, spread including variance and standard deviation, correlation); statistical models (binomial, normal, central limit theorem); inferential concepts; software and technology; and communicating statistics.

Recommended Prior Completion: Foundations of Mathematics 11 or Pre-Calculus 11

NOTE: Contact post-secondary academic advisors for information on prerequisites for their programs.



PHYSICAL AND HEALTH EDUCATION

Physical and Health Education 10

4 credits

In this year-long course, the student learns to recognize and respect the proper place of sport and physical fitness as an essential part of the total person. The course develops the curricular competencies involving Physical Literacy, Healthy and Active Living, Social and Community Health and Mental Well-being through involvement in a variety of team games, personalized fitness and classroom learning activities.

Recommended Prior Completion of: Physical Education 9

Active Lifestyles

This course is designed to encourage life-long participation in a wide variety of physical and leisure activities. Primary goals of this course will be continued development of physical skills and improvement of personal fitness levels. Students will be introduced to movement principles and skills in yoga, Pilates, step aerobics, aquasize, core/strength training, belly fit, zumba dance, power walking and individual and team sports. Fitness theory will be integrated into the course and include discussions on the components of fitness, anatomy, basic training principles, gender specific personal health, and wellness and nutrition. Additional on and off campus activity choices and field trips will be determined in consultation with the participants at the beginning of the course.

- I. **Active Lifestyles 10 (2 credits)** Introductory is a course that introduces a wide variety of fitness pursuits including spin cycling, aerobics, step aerobics, dance, martial arts-oriented fitness, speed walking, hiking and yoga as well as less traditional activities like wall climbing, water aerobics and African dancing. Students of this course will also take part in muscular conditioning activities like weight training and Pilates as well as circuit training which includes using resistant bands, bosu balls and medicine balls. Students will enjoy remarkable results and a deep understanding of their own bodies by challenging their physical boundaries. Finally, students will be introduced to Personal Health theory which will cover basic fitness knowledge, nutrition, stress and time management, and self-esteem. An optional course fee will cover off-campus and guest instructor fees.

Recommended Prior Completion of: Physical and Health Education 9

- II. **Active Lifestyles 11 (4 credits)** Students will gain an understanding of the components of fitness and the basic principles of training. Students will be encouraged to plan and lead warm-ups, establish short term activity fitness goals recording progress on a weekly basis and create a personal nutrition profile.

Recommended Prior Completion of: Physical and Health Education 10

- III. **Active Lifestyles 12 (4 credits)** Knowledge gained in the introductory level will now be applied to develop a personal fitness program and include setting long term fitness goals. A fitness journal will be maintained to record their personal progress throughout the course. Students will continue to gain practical experience in leadership roles and as a group design and lead mini activity lessons for their peers. Participation in community fitness events as a group will be encouraged. An optional course fee will cover off campus activities and guest instructors.



Fitness and Conditioning for Sport and Physical Activity

These courses are designed to enhance sport specific muscular strength/power, endurance, speed, agility, quickness, flexibility, vertical leap and core strength of students' intent on excelling at their chosen sport(s). Students, working cooperatively with the instructor, will develop an appropriate personal conditioning program that enables them to achieve a desired level of fitness and strength. Sports nutrition logs, fitness testing and goal-setting exercises are part of this program. Students will also have an opportunity for skill development and game play in the gymnasium.

- I. **Conditioning for Sport and Physical Activity 10 (2 credits):** Students will learn safe and proper training techniques in the following areas: resistance training as it applies to sport, balance/hand-eye coordination training, core stability and power, plyometrics and vertical jump training, speed/agility/quickness, sports flexibility and linear speed training. Goal setting will include specific plans to improve any or all of the standards of fitness testing: beep test for cardiovascular fitness, sit and reach trunk flexibility, continuous pushups, sit-ups and chin-ups as well as standing vertical leap.
- II. **Fitness and Conditioning 11 (4 credits):** Using the techniques learned in the Introductory Level of this course, and in consultation with the instructor, students will develop and follow a fitness program designed to enhance all areas of athleticism as it applies to their chosen sport(s). Students will complete goal-setting exercises in the areas of physical fitness, athletics and academics (i.e. time management of a busy schedule).
- III. **Fitness and Conditioning 12 (4 credits):** Students at this level are usually at or striving towards an elite level of sports competition (i.e. a senior varsity or rep level community team sport/individual pursuit). Students will design and follow a training program designed to support all areas of athleticism as well as specialize in chosen areas of focus. Students will be expected to demonstrate leadership within the class, leading sport-specific warm-ups or workouts or via liaison with students at the elementary level. Goal setting exercises will include physical fitness, athletics, academics and plans for post-secondary. *This course is ideal for the student looking to increase physical performance in their chosen sport(s).*

Recommended Prior Completion of: Fitness and Conditioning 9 or outside sport involvement

Fitness 10

2 credits

This is a comprehensive course designed to introduce students to a variety of different fitness approaches. Students will be guided through a variety of fitness related activities including walking, jogging, spinning, interval training, circuits, weight training, stretching and fitness-related games. Opportunities will be provided for students to participate in self-directed fitness activities. This course is designed for those students who like being physically active and enjoy being challenged to improve their personal fitness. *This course is ideal for the student looking to improve their personal fitness levels and establish healthy habits for life.*

Fitness Knowledge

This program is designed specifically for students who want to pursue and learn about personal training. It is also ideal for those interested in pursuing a career in the area of health sciences, physical education, fitness or recreation.

- I. **Fitness Knowledge 11 (4 credits Applied Skills)** This course provides students with a comprehensive look at holistic fitness as it applies to leading a healthy lifestyle. Students will be introduced to basic anatomy and physiology as well



as how to train their muscular strength and endurance, flexibility, and cardiorespiratory fitness. Students will also learn about nutrition and body weight management, exercise safety and fitness leadership.

Students will explore all aspects of total fitness and apply them in their personal fitness programs as well as participate in game play as part of a healthy lifestyle.

Successful students will receive a FITNESS THEORY CERTIFICATE OF COMPLETION *which is recognized by the National Fitness Association and the BCRPA (British Columbia Recreation and Parks Association) Fitness Branch as a 30 Fitness Theory Course.* This is step one of three in becoming a Personal Fitness Trainer.

Fitness Knowledge 12 (4 credits) Students will build on their understanding of fitness concepts and apply them in their own lives as well as help others. Students will take on a “practical client” to train. They will also be given the opportunity to explore a variety of fitness facilities in our community.

Students are allowed to take this course without completion of Fitness Knowledge 11 if willing to put in extra review time with the instructor.

Part One, the Weight Training Instructor theory explores a variety of exercise techniques and teaching tips, advanced and specialized program planning, exercise safety, and nutritional supplements. Students will develop a personal, professional profile and have their Instructor Competency evaluated.

Part Two, the Personal Trainer Certification expands on Fitness Knowledge 11’s introduction to anatomy and physiology, as well as elaborates on cardiovascular, flexibility and resistance training program design. New theory includes enhancing the success of the client, health screening and setting up a personal trainer business.

Instruction will include classroom lectures and labs, practical weight room and fitness facility experience and fitness-based game play.

Successful students will receive their WEIGHT TRAINER INSTRUCTOR CERTIFICATION and PERSONAL FITNESS TRAINER CERTIFICATION *which is recognized by the National Fitness Association and the BCRPA (British Columbia Recreation and Parks Association) Fitness Branch as a 30 Fitness Theory Course.* These are considered the final two steps to becoming a Personal Fitness Trainer.

Note: All Theory is developed by Canadian Fitness Education Services: www.canadianfitness.net

Students who receive 80% or higher in the Fitness Knowledge program are eligible to receive **Dual Credit** for SPEX 110 (Fitness for Life) at Camosun College. This course is a pre-requisite for all programs offered at their Centre for Sport and Exercise Education: www.camosun.ca

Sport (Human) Performance 10/11/12: Basketball and Volleyball

4 credits

In this semester-long course you will learn sport specific training techniques that will aim to help you become more of an explosive athlete in Volleyball and Basketball. This course is specifically designed to help you improve your athletic performance through goal setting, sport decision training, personal improvement plans, and weekly training opportunities on and off the court. Not only will you learn techniques about how to become a stronger athlete, you will have the opportunity to apply what you learn through two separate sport specific mentorship sessions with elementary students.

Other topics that students will explore in this course:

- specific skill training (foot work, shooting, passing, hitting, serving)
- speed, agility, quickness training
- core stability and vertical jump training
- officiating and score keeping



Team Sports 10, 11 or 12

This program is designed for students who enjoy team sports and who want opportunities to hone their teamwork skills in a variety of sports related activities. Emphasis will be toward developing greater skill through the progressive levels, as well as applying tactical elements of movement and organization (both team and individual) within a variety of games (soccer, volleyball, basketball, plus others in consultation with the class).

- I. **Team Sports 10 (2 credits):** This elective course is designed for student athletes and it will introduce them to the complex individual and team strategies and skills of sports played at a competitive level. The emphasis is to expand basic, participation skills taught in regular physical education classes. This course focuses on extra-curricular and community-based team sport opportunities. Ongoing assessment will be based on meeting movement and personal/social responsibility learning outcomes, plus some performance-based skill evaluation.
- II. **Team Sports 11 (4 credits):** This course is designed for students who have completed Team Sports Introductory Level and/or Physical Education. The focus will be on team and individual strategies and skills while striving to develop student awareness for positive and effective participation in team related games. The course looks at team sports opportunities in the area of extra-curricular participation, as well as intramural and lifetime activities. Emphasis will be on safely and cooperatively applying and analyzing the elements of movement to a variety of team games. Ongoing assessment will be based on meeting movement and personal/social responsibility learning outcomes, plus some performance-based skill evaluation.
- III. **Team Sports 12 (4 credits)** This course is the final level in the study of Team Sports and emphasizes on preparing students for positive, lifetime involvement in team related activities. Students will be required to apply, evaluate, and adapt the elements of movement to selected team games that are part of a future, active lifestyle. Ongoing assessment includes meeting movement and personal and social responsibility learning outcomes, as well as performance-based skill evaluation.

Recommended Prior Completion of: Physical and Health Education 9

Emergency Care 10:

In Emergency Care 10, students will become confident first aid attendants who are able to deal with many emergency situations. Students are expected to participate in scenarios and practical activities where they will be asked to role-play and demonstrate the first aid techniques taught in class. Learning first aid is an extremely valuable life skill and all students will have the opportunity to become certified by St. John Ambulance with an Emergency First Aid with AED and CPR-C certificate at the end of the course.



SCIENCES

Sciences Naturelles 10 (French Immersion)

4 credits

This course is entirely in French and qualifies for credits for the French Immersion Diploma. Students will be studying the same units as the course offered in English. This course covers the curricular competencies through four big ideas:

- Chemistry - Chemical processes require energy change as atoms are rearranged (chemical reactions, acid/base chemistry, law of conservation of mass).
- Physics – Energy is conserved, and its transformation can affect living things and the environment (law of conservation of energy, forms and types of energy, kinetic and potential energy, nuclear energy and radiation).
- Earth Science (Astronomy) – The formation of the universe can be explained by the big bang theory (components of the universe over time and astronomical data and collection methods).
- Biology – Genes are the foundation for the diversity of living things (simple patterns of inheritance, applications of genetics and ethical considerations).

Recommended Prior Completion of: Sciences Naturelles 9

Science 10

4 credits

This course covers the curricular competencies through four big ideas:

- Chemistry - Chemical processes require energy change as atoms are rearranged (chemical reactions, acid/base chemistry, law of conservation of mass).
- Physics – Energy is conserved, and its transformation can affect living things and the environment (law of conservation of energy, forms and types of energy, kinetic and potential energy, nuclear energy and radiation).
- Earth Science (Astronomy) – The formation of the universe can be explained by the big bang theory (components of the universe over time and astronomical data and collection methods).
- Biology – Genes are the foundation for the diversity of living things (simple patterns of inheritance, applications of genetics and ethical considerations).

Recommended Prior Completion of: Science 9

Chemistry 11

4 credits

Chemistry 11 is a course that emphasizes applying mathematics to explore the big ideas that relate to matter and atoms. It is recommended that students have a C+ or higher in Science 10 before attempting this course. A thorough understanding of Science 10 chemistry is necessary as the course builds on past knowledge. The major topics are solution chemistry, organic chemistry, the mole concept, atomic structure and chemical bonding. This is a laboratory-based course and successful completion of all lab work is a requirement. This course is required for entry into most university science programs.

Recommended: Prior Completion of a C+ or higher in Mathematics 10 and Science 10

Environmental Sciences 11

4 credits

Environmental Science 11 explores our changing environment and how we interact with it from multiple perspectives, from both science and social science viewpoints. This course will explore the abiotic and biotic foundation for the interrelationships that exist in various ecosystems. Students will learn, through interactive projects, about the diversity, processes and change, and sustainability within ecosystems as well as efforts being made for their conservation and restoration.



Life Sciences 11 (please choose only ONE of Life Sciences 11 or Life Sciences AP Prep)**4 credits**

This is an introductory biology course which explores the diversity of life from an evolutionary perspective. Students will explore topics related to cell structure and function; microbiology (viruses, bacteria, algae); mechanisms of evolution in populations and trends in the complexity of organisms. In addition, students will learn about the traditional use of plants and animals by the First Peoples of BC. Key components of this course include creating and evaluating hypotheses, thinking scientifically, and applying critical thinking skills during lab work.

Recommended Prior Completion of: Science 10

***New* Life Sciences 11 – AP Prep (please choose only ONE of Life Sciences 11 or Life Sciences AP Prep) 4 credits**

This is an in-depth, intensive course that moves at a faster pace than regular Life Sciences 11 and prepares students for AP Biology 12. This course is the first half of the AP Biology curriculum and is required to take AP Biology 12. Topics in the Life Sciences 11, Anatomy & Physiology 12, as well as AP Biology 12 curriculum will be covered in this course with an emphasis on the developing the AP Science practices skills. Life Sciences 11 AP Prep requires students to work at a fast pace to accommodate extended breadth and depth of learning. The concepts covered in this course examine the interactions required for life at molecular and cellular levels, DNA, evolution, transport across a membrane, and the characteristics used to classify organisms. Students will examine trends in complexity among various life forms as well as the relationships between organisms using an ecological, evolutionary and Indigenous lens.

Recommended: 80% or higher in Science 10 and their teacher's recommendation. Students should also have good work habits and time management in all other courses.

Physics 11**4 credits**

Physics 11 is prerequisite for university entrance in Sciences and a variety of other trades and electrical based programs. The course deals with basic Newtonian laws of motion, energy transformations, wave theory and electromagnetism. As well, basic quantum mechanics, relativity and thermodynamics will be introduced. Besides general formula work and problem solving, there is a very 'hands-on' approach to labs and projects to prepare those students who wish to further their studies in engineering. For those students who have no interest in a career in science, Physics 11 offers an excellent overview of how the world, technology, and universe work.

Recommended Prior Completion of: C+ or Better in Science 10 and Foundations and Pre-Calculus 10 (preferably Pre-Calc 11)

Science for Citizens 11**4 credits**

Science for Citizens 11 is a general science course for students who need a science 11 credit to graduate. The course is an overview of general science topics and theory with some emphasis on scientific process and technique. Relevant topics include such issues as climate change, health, genetic engineering, and scientific literacy. As well, many current technologies will be explored including robotics, artificial intelligence, and resource applications. Finally, an overview of the universe from the Big Bang until now will be presented with emphasis on the major developments in all fields of science. Science for Citizens 11 is not recognized by post-secondary institutions.

Recommended Prior Completion of: Science 10



Anatomy and Physiology 12

4 credits

This course is an exciting and comprehensive exploration of human cells, anatomy, and physiology. The major topics are biochemistry; DNA and protein synthesis; enzymes and cellular transport. The main human body systems that are studied include: digestive, circulatory, nervous, and reproductive. The study of human health and healthy living are also discussed. Students will explore biological process through hands-on lab activities and are expected to be able to analyze and communicate their data in a variety of ways.

Recommended Prior Completion of a C+ or higher in Life Sciences 11 and/or Chemistry 11

Chemistry 12

4 credits

Chemistry 12 is a very challenging course that prepares university bound students in the following areas: reaction kinetics, equilibrium, acids/bases/salts, oxidation-reduction, and solubility equilibrium. This course has a substantial emphasis on applying mathematics to problem situations. Explorations of chemical reactions are included in chemistry labs and students are encouraged to analyze both quantitative and qualitative observations. This is a university entrance course.

Recommended: Prior Completion of a C+ or higher in both Chemistry 11 and in Pre-Calculus 11.

Physics 12

4 credits

Physics 12 is a continuation of the skills and theory built in grade 11 Physics with most applications in 2 special dimensions. Circular motion, both gravitation and electromagnetic field vectors and equilibrium will be examined in depth. Introductory calculus will also be applied to some situations. Physics 12 requires strong math skills, and some concepts will be very challenging to understand. Physics 12 is recommended for those students who wish to pursue any type of post-secondary Science as it will cover most concepts required in first year physics courses.

Recommended Prior Completion of: C+ or Better in Physics 11 and B or Better in Pre-Calculus 11 (preferably Pre-Calc 12 is being taken concurrently)



SOCIAL STUDIES

Sciences Humaines 10 (French Immersion)

4 credits

Learn about Canada from 1919 to the present. Students will use historical thinking concepts to go beyond facts as Social Studies 10 uses inquiry processes and skills to ask questions; gather, interpret, and analyze concepts related to the Big Ideas. Topics include Canada in World War II, Canadian autonomy, discriminatory policies (head tax, internments, residential schools), and human-environment interaction. This course is taught in French as part of the French Immersion Program.

Recommended Prior Completion of: Sciences Humaines 9

Social Studies 10

4 credits

Learn about Canada from 1919 to the present. Students will use historical thinking concepts to go beyond facts as Social Studies 10 uses inquiry processes and skills to ask questions; gather, interpret, and analyze concepts related to the Big Ideas. Topics include: Canada in World War II, Canadian autonomy, discriminatory policies (head tax, internments, residential schools), and human-environment interaction.

Recommended Prior Completion of: Social Studies 9

Explorations en Sciences Humaines 11 (French Immersion)

4 credits

Current world issues, 20th century World History and Genocide Studies, Human Geography, Indigenous Studies and the environment are all possible topics of study in the Social Studies 11 course. Students will study international relations, multiculturalism, human rights, global warming, and our role in the world. This course is taught in French as part of the French Immersion Program.

Recommended Prior Completion of: Sciences Humaines 10

*Students can take this course **OR** Leadership en Français 11 to meet the double dogwood requirements. This course (Sc.Hum 11) also meets the Grade 11/12 Social Studies requirement for graduation. If students plan to take one of the Social Studies 12 courses before graduation, they could consider the Leadership en Français 11 option*

20th Century World History 12

4 credits

Going back to 1900, we will analyze where it all went wrong for the world then and how far reaching the effects of the world powers' decisions are today, almost 100 years later. We will analyze past dictatorships (Mao, Stalin, Hitler, etc.), evaluating their fabulous moustaches, fatal personal and tactical flaws, and their adherence to the "dictator formula". Classes will be filled with debates, discussions, simulations, research, and activities to make you think deeply about the issues from a historical perspective using the Big 6 Historical Thinking Benchmarks. Student choice and interests will drive the curriculum. Guest speakers and field trips will be possible, depending on your benevolent leader's whim. What can you do with a History degree? You'd be surprised!

Recommended Prior Completion of: Social Studies 10 or Sciences Humaines 10

BC First Peoples 12

4 credits

Ever wonder about the slogan, "Idle No More" or hear about the "Truth and Reconciliation Commission"? Ever hear myths and stereotypes about Canada's Aboriginal people? Let's get the truth and shatter those misconceptions and racist beliefs. The roots of the Aboriginal struggle in Canada go back to time immemorial (that's a long time ago) and continue to be issues for all of us



today. This course will address the legacy of colonialism in BC, and the resulting issues with land claims, treaties, and Residential Schools. You do not have to be Aboriginal to take this course; it is for everyone who wants to look at the tough social justice and cultural issues we all face in BC and Canada. Guest speakers, Elders and field trips bring this course alive and make the course relevant to today's high school students. Aboriginal Studies is the most sought-after course in universities right now, get the jump on things and take it now! This course satisfies Social Studies 11 graduation requirements.

Recommended Prior Completion of: Social Studies 10 or Sciences Humaines 10

Comparative Cultures 12

4 credits

Have you ever wondered where you came from? This course will trace humankind's migrations out of early Africa to developed cultures and civilizations of the world. We will explore some of the classic civilizations (Egyptian, Greek, Roman, Indian, Chinese, Mayan, Incan) with their developments, accomplishments, and how they set the groundwork for present day societies. Because of the varied possibilities of cultures to study, student choice will be honoured.

Recommended Prior Completion of: Social Studies 10 or Sciences Humaines 10

Genocide Studies 12

4 credits

Genocide Studies 12 may be the pivotal course in your high school career. This course investigates genocides and atrocities across the globe, the roles people played in them, how we remember and memorialize them, and what we can do now. By studying human rights and genocides, you will be shocked, disturbed, saddened and most importantly, moved to action. Our classroom will be a safe place for **all students** to learn, teach, inquire, and question.

Units of Study will be intertwined with the Big 6 Historical Thinking Concepts and will include: Personal Identity, Human Psychology, Defining Genocides, Human Rights, The Holocaust, Investigating Atrocities Across the Globe, Memorialization, Social Action and Reflection.

Given the abhorrent nature of genocide, this course will include material that may be emotionally and/or psychologically challenging for students.

Recommended Prior Completion of: Social Studies 10 or Sciences Humaines 10

Human Geography 12

4 credits

Geography is everything. Geography is all around us and it affects us every day. We will be thinking deeply about the issues facing humans and the planet and figure out how we can be optimistic about our futures. The 5 Themes of Geography will be interwoven into the units of study, which include Population and Health, Migration, Urbanization, Agriculture, Culture, Industry, and Politics. We will examine the issues through class discussions, documentaries, debates, labs, projects, and simulations. Be prepared to see your world in a whole new and positive way.

Recommended Prior Completion of: Social Studies 10 or Sciences Humaines 10

Law Studies 12

4 credits

This course provides an overview and introduction to Canada's legal system. Topics include the Charter of Rights and Freedoms, the historical background to our legal system, criminal and civil law, the criminal justice system as well as the Youth Criminal Justice Act. Research skills, debate, role play, and class discussion are major course components. Students will use inquiry processes and skills to ask questions and gather, interpret, and analyze concepts related to the Big Ideas.

Recommended Prior Completion of: Social Studies 10 or Sciences Humaines 10



Global Political Studies 12

4 credits

Headlines about global issues bombard us all the time: Trump's Tariff War! Israel-Gaza Ceasefire! North Korean Soldiers Fighting in Ukraine! Foreign Election Interference! And so many more. If you are interested in making sense of global and national issues, this engaging and interactive course is for you! Students will delve into a wide range of current topics related to peace and conflict, human rights, and environmental issues. We will learn about different countries with ranging types of governments (from fragile democracies to dictatorships), and explore how national and international structures and alliances, like UN agencies or NATO, engage with global issues successfully and unsuccessfully. We will also learn how we can effect change for the better. Guest speakers, field trips, research, group discussions and simulations will be central to our coursework.

Students earn 4 credits for Political Studies 12 or Global Studies 12 (your choice).

Recommended Prior Completion of: Social Studies 10 or Sciences Humaines 10

Social Justice 12

4 credits

Have you ever found yourself thinking that something isn't right or fair in society? Are you concerned about the abuse of human rights in terms of women, race, ethnicity, poverty, LGBTQ+, and First Peoples? Are you concerned about globalization and the manipulation of the media? The intention of this course is to raise your awareness of current and historical injustices. In an increasingly complex and interconnected world, the ability to apply critical thinking and ethical reasoning skills to a variety of social justice issues is important. You will pick specific issues to focus on and develop your own personal action plans for making change in an area you feel passionate about. You can be the change you want to see in the world.

Recommended Prior Completion of: Social Studies 10 or Sciences Humaines 10



ADDITIONAL OFFERINGS

Psychology 12

4 credits

Human beings are fascinated by each other - whether it's people in the world around us, friends, family, or ourselves. Why do people do the things they do and think the way they think? The purpose of this introductory psychology course is to introduce you to the scientific study of behaviour and mental processes.

Some of the topics we will cover include brain physiology (sensations and perception, emotions, and motivation), developmental psychology (changes through one's lifespan), social influences and mental health. Emphasis is placed on adolescent life.

NOTE: This course does not meet your Social Studies 11 graduation requirement.

Leadership and Event Management 10-12

2 or 4 credits

Leadership Class is always working hard to make our school a great place to be. Do you have leadership potential? Are you enthusiastic, creative, positive, and hardworking? This is the course for you. It is through the activities and programs that are run by the class that the students will learn to practice the concepts and skills of leadership. The students will be involved in the promotion and running of various school events as ambassadors of Mark Isfeld. This course will evaluate the roles and responsibilities of leaders in a variety of settings. An essential part of this class is active "hands on, minds on" experiential learning. While students are learning content, they are working on school and community projects. In the process, this course will promote good citizenship and develop leadership skills to help students thrive in the general world. This course is a tremendous opportunity to make a positive difference in the school and the community. Success in this course depends on good attendance, self-motivation, and a willingness to try to learn new things.

Leadership en Français 11

4 credits

This leadership option is designed to give students multiple opportunities to build, plan, learn, teach and become immersed in school and community events, all while continuing to improve their French skills. Opportunity for planning and supporting events for a variety of grades in French Immersion, as well as our school and local community. This class will enable students to develop life-long skills in the areas of project planning, goal-setting, time management, public speaking, decision making, team building and school and community service.

Students can take this course instead of or in addition to Sciences Humaines 11. If students do not take Sciences Humaines 11, they will need to ensure they satisfy their Social Studies 11/12 credit by taking one of our many Social Studies 12 options.

Model United Nations 9-12

2 or 4 credits

The Model United Nations course helps students learn more about international issues, the work of the United Nations, and the dynamics of diplomacy through research, discussions, and simulations. In MUN, students represent different nations and work to resolve world problems through the policies and perspectives of their assigned country. Students can choose from a huge range of topics from the threat of nuclear weapons proliferation and regional conflicts to human rights and environmental issues. MUN provides an exciting chance for students to make their own decisions about the issues that confront world leaders, and a unique opportunity to experience the challenges of international negotiations. Guest speakers will share about their experiences working in related fields and students will apply their developing skills during in-class discussions, debates, and negotiations, and attend local and provincial-level conferences throughout the year. Students in MUN 11 & 12 will help organize our local conference, CVSMUN, as part of their course credit.



Peer Tutoring 10/11/12**2 or 4 credits**

Peer Tutoring is designed to challenge students who are motivated, cooperative, and skilled. Tutors are responsible for helping others to learn as well as assisting teachers in classroom management activities. In the process, tutors will develop skills and knowledge of factors affecting school success, communication, personality types, learning styles and strategies, conflict management, interpersonal relationships, and leadership. Peer tutors will have an opportunity to choose their classes.

Independent Directed Studies**2 or 4 credits**

This is an opportunity for students to create their own course. Students must:

1. have completed all offered courses in the area they wish to study
2. have a teacher sponsor their proposal
3. submit a written proposal to the Principal (Proposal outlines are available in the office)
4. receive approval from the Principal.

Grade level to be determined by sponsor teacher.



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