



**GOLDEN
SECONDARY
SCHOOL**

**COURSE DESCRIPTIONS
SENIOR COURSES (Grades 10, 11 and 12)
2023-2024**

REQUIRED COURSES

- *These twelve courses are REQUIRED to receive the BC Dogwood diploma. In addition to these required course students need at least eight (8) more ELECTIVE courses.*
- *In total at least four (4) courses, not including CLC 12, must be at the grade 12 level.*

Language Arts:

Language Arts 10

This course involves a considerable amount of writing in order to continue growth of both written and spoken language. Students will explore poetry, short stories, novels, essays, and drama and will make oral presentations related to these topics. Spelling, sentence structure, and grammar are also studied.

EFP Literary Studies 11 and Writing 11

English First Peoples Literary Studies 11 is designed for students who are interested in exploring First Peoples' literature in a variety of contexts, genres, and media. The writing component allows students to explore a variety of genres and writing forms.

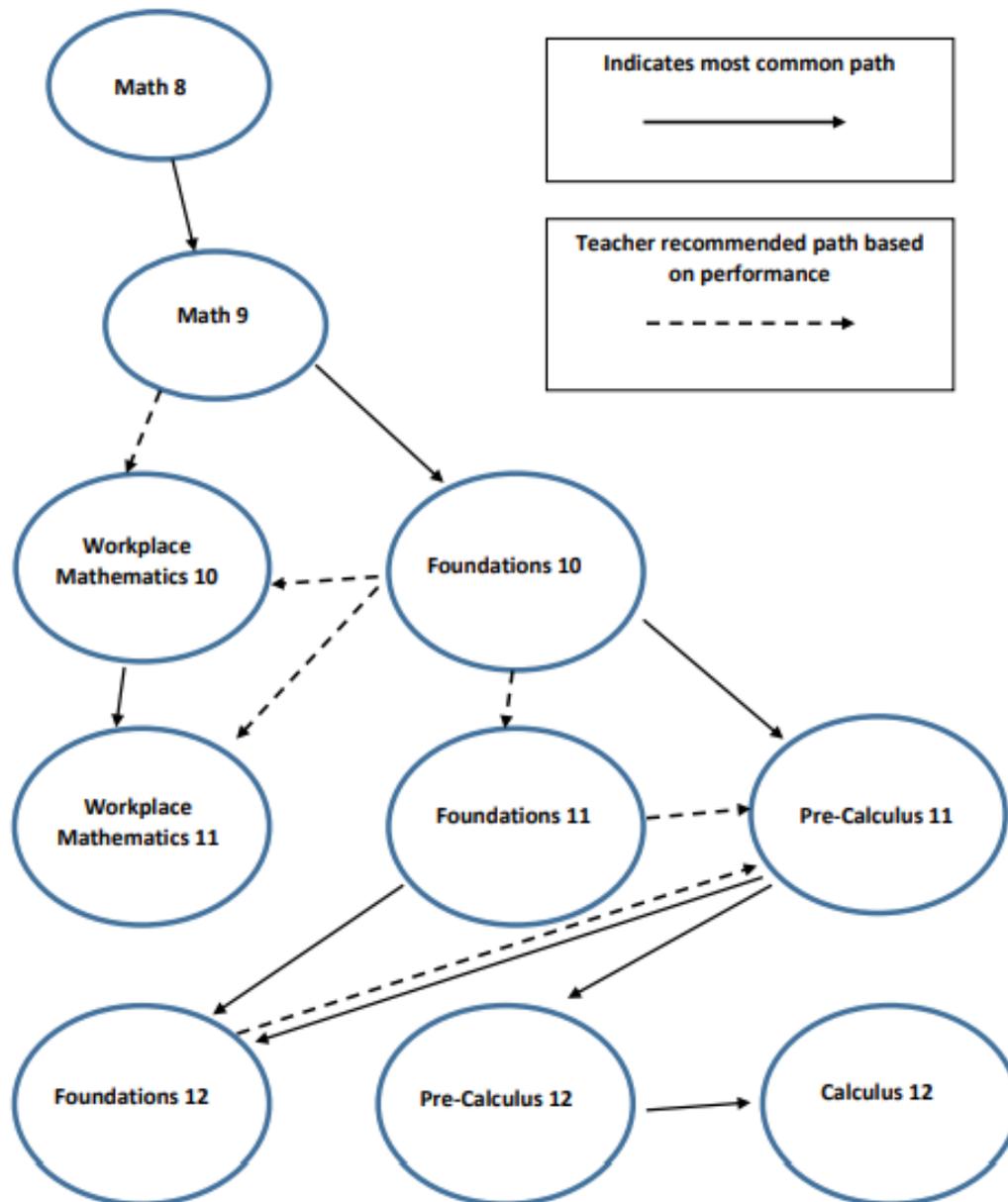
Language Arts 12

Students will further develop their reading, writing and speaking skills. The emphasis will be on reading and writing assignments, especially expository essays and paragraphs. Students will also further refine their critical reading skills.

Physical Education:

PHYSICAL EDUCATION 10

The year consists of 10 units which vary in length from 3-5 weeks. Students are provided with an opportunity to choose some of their units in order to plan a program which best suits their interests and needs. Other units are determined by the instructor to ensure all curriculum requirements are met. A change into sportswear and runners is required.

Mathematics:**GRADE 10****WORKPLACE MATHEMATICS 10**

This pathway is specifically designed to provide students with the mathematics and critical-thinking skills identified for entry into the majority of trades at post-secondary and for direct entry into the workplace.

OR

FOUNDATIONS OF MATHEMATICS 10

This pathway is designed to provide students with the mathematics and critical-thinking skills identified for entry into post-secondary studies. Most students will choose this pathway.

GRADE 11**WORKPLACE MATH 11 (Pre-requisite: Foundations of 10 or Apprenticeship and Workplace 10)**

This pathway is designed to provide students with the applied mathematics used in some trades and/or to complete the grade 11 mathematics requirement necessary to graduate..

OR

FOUNDATIONS OF MATHEMATICS 11

This pathway is designed to provide students with the mathematics and critical-thinking skills identified for entry into post-secondary studies. Most students will choose this pathway.

OR

PRE-CALCULUS 11 (Pre-requisite: Foundations of Mathematics and Pre-Calculus 10)

This pathway is designed to provide students with the mathematics and critical-thinking skills identified for entry into post-secondary studies.

Most students will choose this pathway.

GRADE 12**FOUNDATIONS OF MATHEMATICS 12**

This pathway is designed to provide students with the mathematics and critical-thinking skills identified for entry into post-secondary studies. Most students will choose this pathway.

OR

PRE-CALCULUS 12

This pathway is designed to provide students with the mathematics and critical-thinking skills identified for entry into post-secondary studies.

Most students will choose this pathway.

OR – see next page

CALCULUS 12

This pathway is designed to provide students with the mathematics and critical-thinking skills identified for entry into post-secondary studies.

Most students will choose this pathway.

Social Studies:

SOCIAL STUDIES 10

Social Studies 10 focuses on the development of Canada throughout the 20th Century. Topics include World War 1, the Great Depression, World War II, and Canada during the 1950-1990's.

SOCIAL STUDIES 11 ELECTIVE

One elective from the Social Studies 12 section is required for graduation. See the elective courses section for more details.

Sciences:

GRADE 10

SCIENCE 10

This is a general science course exploring Biology, Chemistry, Physics and Geology. Four areas are investigated: Understanding Reproduction, Harnessing Energy, Investigating Matter, and Earth Science.

- **AND at least ONE (1) Grade 11 or Grade 12 Science is required to graduate**

GRADE 11

EARTH SCIENCE 11

Earth Science 11 is an applied science course that introduces geology and other aspects of Earth sciences such as plate tectonics, ecology, oceanography, atmospheric science, and astronomy.

OR

LIFE SCIENCES 11

This is a more advanced course in Biology. Human Physiology, Cell Biochemistry, & Cell Ultra Structure are the units of study.

OR

CHEMISTRY 11

This is an introductory course in Chemistry aimed at providing the student with a better understanding of today's world. Chemistry 11 involves the study of: Atomic Theory, Chemical Reactions, the Physical States of Matter, the Periodic Table, Chemical Calculations and Organic Chemistry.

OR

PHYSICS 11

This is an introductory course in Physics aimed at providing the student with a better understanding of today's world. Physics 11 involves the study of: Kinematics (the study of motion), Vectors, Waves, Relativity, and the study of Light and its Properties.

GRADE 12**ANATOMY AND PHYSIOLOGY 12**

This is a more advanced course in Biology. Human Physiology, Cell Biochemistry, & Cell Ultra Structure are the units of study.

OR

CHEMISTRY 12

This is a more advanced course in Chemistry. The following topics are covered: Reaction Rates, Chemical Equilibrium, Solubility, Acids/Bases/Salts, and Reduction/Oxidation.

OR

PHYSICS 12

This is an advanced course in Physics intended for students who are considering a post-secondary career in the Sciences or Engineering. It deals for the most part with the topics of Force and Motion, Gravitation, Energy, Electricity and Magnetism. Computer simulations are used to reinforce concepts.

Other Required Courses:**CAREER-LIFE EDUCATION 10 & 11 or EDUCATION DE LA VIE DE CARRIERE 10 & 11**

CLE 10 and 11 are mandatory courses. Topics to be covered include introduction to graduation portfolios, graduation requirements, career and education research, financial planning and healthy decision making. Topics included will assist students with career awareness and exploration, as well as preparation and planning for post-secondary studies.

CAREER-LIFE CONNECTIONS 12

This course will not be programmed into the regular timetable. This course includes a mandatory 30 hours of work experience and research and consultation about post-secondary choices and application. A mandatory capstone presentation must be completed by each student.

ELECTIVES

- In addition to the required courses students need at least eight (8) more ELECTIVE courses.
- While 20 courses (80 credits) is the minimum needed, most post-secondary programs will require more courses, and often specific courses. SEE MR. WILSON FOR DETAILS.
- *At least one (1) grade 10, 11 or 12 course must be a FINE ARTS or APPLIED SKILLS*

FINE ARTS AND APPLIED SKILLS

- *At least one (1) grade 10, 11 or 12 course from this category is required to graduate.*
- *Divided into "Fine Arts, Design and Media" or "Trades and Technology"*

FINE ARTS, DESIGN AND MEDIA, TECHNOLOGY

ART STUDIO 10 & 11

Students will use Art as a vehicle for creative communications. Students will explore careers in Art and create a portfolio. Both 2 and 3 dimensional artwork will be studied. Students will experiment in as many different media as possible in order to find the range of possibilities for expression.

ART STUDIO 12

Students will use Art as a vehicle for creative communication. An appreciation for creative problem solving will be encouraged. Using a mixture of media and styles in both 2 and 3 dimensional artwork is a major goal. Careers in Art will be explored. A portfolio will be developed by each student.

CHORAL MUSIC 10, 11 & 12: CONCERT CHOIR

Choir is a full year (100 hour) course and is based primarily on performance through the development of choral singing skills and public performance. Students will be expected to perform at concerts several times a year and perhaps travel to perform at music festivals in the spring. Beginners as well as experienced students are welcome.

INSTRUMENTAL MUSIC 10, 11 & 12: CONCERT BAND

Band is a full year course (100 hours) based primarily on performance through instrumental skill development and musical performance. Students will be expected to perform at concerts several times a year and perhaps travel to perform at music festivals in the spring. Beginners, as well as experienced students, are welcome.

CONTEMPORARY MUSIC 10-12

School of Rock! Well... sort of: this class will focus on the performance of student-chosen music, not just rock. Students will also study contemporary music history and music theory and music technology. Please see Mr. McPherson in the Band room at lunch if you have any questions.

DRAMA 10-12

Different elements of dramatic performance and theatre design are explored in this course. Students will learn the different aspects of live performance as well as theatrical production.

DIRECTING AND SCRIPT DEVELOPMENT 11-12

Develop your voice! Watch your imagination become reality! Expand on your creative writing skills! With Script Writing and Directing 11/12 you will learn how to write your own scripts and guide your actors to success.

MUSICAL THEATER 10-12

Singing and acting, bringing a play to production, this intensive course gives you the opportunity to explore the world of musical theatre, contemporary music, and script writing. Join a group of dedicated actors to explore a range of dramatic arts and technical skills.

MEDIA DESIGN 10-12

Students will explore various facets of digital photography, video production, website design as well as other digital platforms including social media. The development of digital technologies will also be explored.

COMPUTER PROGRAMMING 10-12

Students will explore various coding languages and learn how to use the languages to create a variety of tasks.

DIGITAL COMMUNICATIONS 11

Digital Communications 11 will focus on providing students with a foundation in various technology skills and using technology as a tool for digital communications. Through examples in social media, online marketing, digital journalism, and other technology platforms, we will explore topics on digital design principles and digital communications, including issues such as basic design principles, social impact, risks, ethics & legalities, career opportunities, and an introduction to personal ePortfolio design may be included.

TRADES AND TECHNOLOGY**FOUNDATIONAL AUTO MECHANICS 10**

This course is for students who have NOT previously taken an Auto 10, 11 or 12 course. This course will give students the opportunity to enhance skills related to the mechanical field and be introduced to how those skills are used to repair and maintain transportation vehicles. The course will be divided into two parts, theoretical & practical with an emphasis on safety in an industrial environment. The theoretical part of the courses will cover several areas of mechanical operation, service and repair; each area will be supplemented by practical labs. The internal combustion engine will be one of the main areas of focus for this course.

INTERMEDIATE AUTO MECHANICS 11

This course is for students who have previously taken Foundational Auto Mechanics 10. This course will give students the opportunity to enhance skills developed in Auto 10 and will be introduced to the knowledge and skills required to diagnose problems in transportation vehicles. The course will be divided into two parts, theoretical & practical with an emphasis on safety in an industrial environment. The theoretical part of the courses will cover several areas of mechanical operation, service and repair; each area will be supplemented by practical labs. The chassis and body of the transportation vehicle will be an area of focus in this course.

ADVANCED AUTO MECHANICS 12

This course is for students who have previously taken both Foundational Auto Mechanics 10 and Auto Mechanics 11. This course will give students the opportunity to further enhance skills developed in Auto 10 and 11 and will introduce the knowledge and skills required to complete more complex repairs and maintenance on in transportation vehicles. Students will also be introduced to more trade-specific skills such as inspection standards and customer relations. The course will be divided into two parts, theoretical & practical with an emphasis on safety in an industrial environment. The theoretical part of the courses will cover several areas of mechanical operation, service and repair; each area will be supplemented by practical labs. The transmission and engine support systems will be areas of focus in this course.

FOODS 10, 11 & 12

Students will focus on planning and preparing nutritious food for various situations, considering social, economic and health factors that affect food choices. Specialty flour mixtures, ethnic dishes and group projects will challenge student thinking and skill development. Students investigate specialty diets and international cuisine with an emphasis on safe food practices and aesthetic presentation

WOODWORK 10 & 11

This course introduces students to the theories and practices of cabinetry including power hand tools use, project management and construction techniques. Students will construct a large cabinet and some other articles of furniture. Students will be expected to pay for materials for projects they will keep. Joint types and modern construction methods and techniques will be explored. This course is an excellent choice for students considering a career in wood technology, construction, or cabinetry.

WOODWORK 12

This course will introduce students to the practices, principles and theories of residential framing and house construction. Development of proper worksite practices, application of construction standards and safe and correct use of equipment will be explored. Construction of a stick-frame building completes the course. Students will pay for materials for projects that they keep.

METALWORK 10 & 11

Advanced skills are taught involving the lathe, milling machine, and welding practices. A major project is required from each student for successful completion of the course. Some essential aspects of the technology are presented but the course is predominantly practical in nature. Costs of materials are the students' responsibility.

METALWORK 12

Individually selected projects are used to provide the opportunity for more experience in the use and care of machine tools. The student will have a variety of practical experience and unusual techniques from which to select those most suited to his ability and interest. Students are encouraged to participate in the design of a major project.

WELDING 12

This course is designed for students wanting to improve the welding skills they started to develop in WELD 11 using commonly used practices. Skills covered in WELD 11 are further refined. Students will be required to complete a minimum number of welding and cutting modules. Log books will need to be maintained. As time permits some student initiated project work may be worked on.

FITNESS AND RECREATION

OUTDOOR EDUCATION 10, 11 & 12

This course will focus on leadership, goal setting and outdoor recreation skills through a variety of activities both during regular instructional time and outside of the school. Learning outcomes will focus on life-long health and safety skills, using outdoor equipment and technology and relating activities to the tourism and ecotourism industries.

OUTDOOR EDUCATION ACADEMY 10-12

Second semester **ONLY**. A **fee of \$800** applies and includes costs of certifications. Students will receive credit for four courses at your grade level including Outdoor Education, Physical Education, Media Design, and English. This is a full time course that runs the entire semester. An application is required.

ACTIVE LIVING 11 & ACTIVE LIVING 12 (PE 11&12)

Active Living has been designed to engage students in physical activities that encourage personal wellness and lifelong participation in fitness. The goal is to provide students with the skills, knowledge, and confidence to participate in a wide range of activities and stay healthy throughout their lives. The course will be conducted through a variety of methods including daily physical activity, classwork, guest lectures and field experiences. In this course, students will participate in activities including individual and dual activities, team games and fitness activities.

FITNESS & CONDITIONING 10, 11 & 12

This course has been developed for those students wanting a more comprehensive course in modern strength and conditioning principles. Students will learn principles in such techniques as weight training, agility, balance training, nutrition and energy system usage and apply them to a self-designed program suited to their specific conditioning needs.

PHYSICAL & HEALTH EDUCATION : YOGA 10-12

Experience various styles of yoga in a safe, supportive, non-competitive environment while improving muscle tone, strength, flexibility, balance, concentration and breathing techniques. While focusing on the physical benefits of yoga, students will explore the mental benefits of yoga. Through a supportive regular yoga practice, students will recognize how a body reacts to stress and how to manage the demands of stress – which will assist students in making responsible personal choices and decisions.

SOCIAL SCIENCES/HUMANITIES

• ***N.B. Some post-secondary schools differentiate between “academic” and “interest-based” social sciences for entrance requirements.***

ACADEMIC:

FRENCH 10

This course uses a communicative approach to further French language skills with the “Entre Amis” program using a variety of learning resources including music, print materials, presentations, and videos.

FRENCH 11

The program continues with “En Direct I.” Students will develop their listening, speaking, reading and writing skills. Students will distinguish between the use of the imperfect and passé composé in narration and description and know the conditional and pluperfect (plus-que-parfait) forms of regular and irregular verbs.

FRENCH 12

The program continues with “En Direct II.” Grammatical structures are reinforced. Vocabulary is extended with emphasis on French idioms. Writing in French is extended to advanced composition and analysis. The cultures of Canada and France are studied in French through reading and discussions of prose, poetry and journalistic pieces.

SOCIAL STUDIES:

BC FIRST PEOPLES 12

BC is situated on the unceded territories of more than 200 distinct First Nations. The cultural diversity and richness of BC First Peoples are unlike any other province. Through hands-on and place-based learning, this course will explore how BC First Peoples' connection to land sustains worldviews, language, and identities. We will study colonialism's political, social, and economic impacts and the resilience of BC First Peoples.

CONTEMPORARY INDIGENOUS STUDIES 12

This course will study issues facing Indigenous communities in Canada and the world. The history of colonialism and its impact will be examined, along with current developments with such topics as the role of Indigenous communities can play with climate change and resource development; renewing languages; improving relationships with government, including law enforcement/courts; and Reconciliation. Inquiry will guide the learning, and students will develop an inquiry question to explore the content. Example inquiry question: *Has anything changed since BC legally adopted UNDRIP (United Nations Declaration on the Rights of Indigenous People) in 2019?*

GENOCIDE STUDIES 12

This course explores the intentional destruction of peoples and their cultures to understand the political, legal, social, and cultural ramifications.

HUMAN GEOGRAPHY 12

How do language, religion, and landscape affect the physical environment? How do geography, weather, and location affect customs and lifestyle? Students will explore the diverse ways in which people affect the world around them and how they are affected by their surroundings. Students will discover how ideas spread and cultures form, while learning how beliefs and architecture are part of a larger cultural complex. In addition to introducing students to the fields of Human Geography, this course will teach students how to analyze humans and their environment.

LAW 12

This course may be taken in Grade 11 or 12. The course is designed to deal with those aspects of our legal system which the student is likely to encounter, with the emphasis on rights and obligations. This will include criminal law and civil law.

PHYSICAL GEOGRAPHY 12

Through the study of Physical Geography, you will develop an understanding of weather and climate, minerals and rocks, natural disasters, and erosional landscapes. Through this course you will be able to interpret landscapes and understand the processes shaping them. You will also study environmental issues and resource management using real world examples. A great course for those interested in careers in environmental sciences, geology, aviation, forestry, conservation, parks, adventure tourism, and engineering.

INTEREST-BASED:

PEER TUTOR 11/12

Develop ALL core competencies in this course as a peer mentor for academic and social inclusion. Assessment is based on self-reflection and performance, not assignments or exams. Show up as your best self and be a positive role model for other students while learning about strategies to support students with diversabilities. This is great experience for building your resume, and a reference letter will be provided upon successful completion of the course. Only candidates with a genuine desire to aid and support people with diversabilities will be considered -- consistent, mature participation is mandatory.

PSYCHOLOGY 12

Psychology 12 is an introductory course which will investigate the following topics through classroom activities, projects and guest speakers: Schools of Psychology, the Brain, Perception, Learning, Thinking and Memory, Personality, Psychological Disorders, Psychotherapies, and Developmental Disorders.

WORK EXPERIENCE 12

This course provides students with an opportunity to explore a career or interest. It requires students to give 100 hours of **UNPAID** work experience, preceded and followed by some school-based activities. **Students must be in grade 12 and must be able to transport themselves to and from the worksite. All placements must meet School District No. 6 requirements. See Mr. Wilson for details.**

FRENCH IMMERSION

In order to graduate with the *diplome de fin d'études secondaire en Colombie-Britannique*, a French Immersion student must successfully complete:

- **FRAL 10, FRAL 11, and FRAL 12**
- **three more French electives, at least one of which must be at the grade 11 or 12 level**

FRANCAIS LANGUE 10

French literature and composition are studied and analyzed in more detail. Oral work and presentations are also emphasized. The elements of the language are practiced in depth.

FRANCAIS LANGUE 11

Francais Langue 11 is the continuation of FRAL 10. Studies in grammar, vocabulary (idiomatic expressions) and composition will be emphasized. Students will study literature, including "La route de Chlita" by Michele Marineau.

FRANCAIS LANGUE 12

Students will complete the requirements for their Dual Dogwood certificate by refining writing skills (grammar and writing descriptions, narrations and dissertations) and through literature studies. Oral skills will be developed through presentation.

EDUCATION de la VIE de CARRIERE

This course is a mandatory course for graduation. Topics to be covered include introduction to graduation portfolios, graduation requirements, career and education research, financial planning and healthy decision making. Topics included will assist students with career awareness and exploration, as well as preparation and planning for post-secondary training.

SENIOR FRENCH IMMERSION ELECTIVE (TBD)