

A. L. Fortune Secondary

Course Planning Guide

2026 – 2027



SD83

How to Use the Course Catalogue

Read the course catalogue for descriptions of the courses and programs available that meet your educational goals. As always, when designing your program, be sure to use all available resources, including parents, teachers, school counsellors, *Education Planner BC* and **myBlueprint**.

Please note that if student requests are too low not all courses in this catalogue will be scheduled.

Education Planner BC (<https://www.educationplannerbc.ca/>) is an education-planning tool, developed by the Province of BC, that provides students with clear, reliable, and detailed information on BC post-secondary education. It helps learners make well-informed decisions about their education and career options.

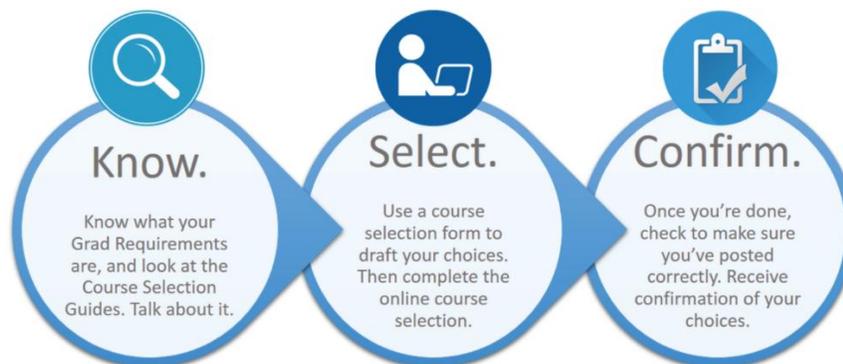
Post-Secondary Entrance Considerations

Colleges, universities, and trades institutions offer a wide variety of programs varying in length and content. The type of programs that students may pursue will depend on their career goals, personal interests, and financial situations. There is no single transition plan that fits all students or post-secondary institutions.

Course planning for post-secondary education requires research, time and thoughtful consideration.

When planning a high school program, students need to ensure that they are meeting the entrance requirements for their programs and institutions of choice. These considerations include the specific courses they take and the marks they earn.

The school counsellor, administration and staff are available to assist students with research and course planning for post-secondary education and career goals.



Graduation Requirements

Students must earn the minimum number of credits required to fulfill one of the four ways to graduate in B.C. For details, review the [BC Ministry of Education Graduation Policy Guide](#)

I. B.C. Certificate of Graduation (Dogwood Diploma)

Core Requirements

English 10 or English First Peoples 10	4 credits
English 11 or English First Peoples 11	4 credits
English 12 or English First Peoples 12	4 credits
Social Studies 10	4 credits
Social Studies 11 or 12	4 credits
Science 10	4 credits
Science 11 or 12	4 credits
Mathematics 10	4 credits
Mathematics 11 or 12	4 credits
Physical Health Education 10	4 credits
Fine Arts or Applied Skill 10, 11, or 12	4 credits
Career Life Education 10	4 credits
Career Life Connections 12	4 credits
Capstone	
Provincial Graduation Numeracy 10 Assessment	
Provincial Graduation Literacy 10 Assessment	
Graduation Literacy 12 Assessment	

Minimum Core Credit Total

52 credits

****All students graduating with a BC Dogwood Diploma **must take a 4-credit course with an Indigenous-content focus** in their Graduation Program Years (Grades 10-12) to meet graduation requirements

Elective Course Requirements

Students complete the rest of their Graduation Program by choosing elective courses. These courses must be “provincially authorized” or “board authorized” courses in order to count towards graduation. **At least 16 credits in total must be at the grade 12 level.**

Minimum Elective Credits

28 credits

Minimum Credits for Graduation Credits

80 credits

II. B.C. Certificate of Graduation (Dogwood Diploma)

Information can be found in the [BC Ministry of Education Graduation Policy Guide](#).

III. B.C. School Completion Certificate (Evergreen Certificate)

Information can be found in the [BC Ministry of Education Graduation Policy Guide](#).

IV. International Student Graduation Credit (Dogwood Diploma)

Information can be found in the [BC Ministry of Education Graduation Policy Guide](#).

Course Fees

For students who wish to take a course on an enhanced basis, (allowing them to make a project out of better-quality materials, and/or take the final project home) there may be an extra materials fee. All courses can be taken on a no fee basis if the students do not wish to take their projects home or use higher quality materials.

Finally, please note that our school has a **financial hardship policy**. If a family is unable to pay a fee due to financial hardship, please contact the school administration to make alternate arrangements or to have the fees waived. Your request will be kept confidential.

How to Graduate 101

Course selection is very important. Be sure to pick your courses wisely – based on your future goals and interests – not what simply the easiest path or what your friends are taking. Just a reminder that effective 2023-2024, **all students graduating with a BC Dogwood Diploma must take a 4-credit course with an Indigenous-content focus in their Graduation Program Years (Grades 10-12) to meet graduation requirements.**

Graduation Literacy and Numeracy Assessments

Grade 10 students will write a numeracy assessment and a literacy assessment. Grade 12 students will write a literacy assessment. Once they write the assessment, students can re-write up to two more times to improve their mark.

Please refer to <https://www2.gov.bc.ca/gov/content/education-training/k-12/administration/legislation-policy/public-schools/graduation-requirements> if you are looking for the Ministry of Education policy around graduation requirements.

A.L. Fortune Course Offerings

	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
English	English 7	English 8	English 9	English First Peoples Comp. & Lit Studies 10	English First Peoples - Literary Studies 11	English First Peoples 12
					Literary Studies 11	English Studies 12
Math	Mathematics 7	Mathematics 8	Mathematics 9	Workplace Mathematics 10	Workplace Mathematics 11	
				Foundations of Math and Pre-Calculus 10	Pre-Calculus 11	Pre-Calculus 12
					Statistics 12	Statistics 12
Science	Science 7	Science 8	Science 9	Science 10	Chemistry 11	Chemistry 12 (2026-27)
					Physics 11	Physics 12 (2027-28)
					Life Sciences 11	Anatomy & Physiology 12
					Earth Science 11	
Social Studies	Social Studies 7	Social Studies 8	Social Studies 9	Social Studies 10	Explorations in Social Studies 11	BC First Peoples 12
						20th Century World History 12
						Law Studies 12
PHE	Physical and Health Ed. 7	Physical and Health Ed. 8	Physical and Health Ed. 9	Physical and Health Education 10	Active Living 11	Active Living 12
	Hockey Academy 7	Hockey Academy 8	Volleyball 9	Volleyball 10	Volleyball 11	Volleyball 12
			Basketball 9	Basketball 10	Basketball 11	Basketball 12
			AM Fitness 9	AM Fitness 10	AM Fitness 11	AM Fitness 12
			Hockey Academy 9	Hockey Academy 10	Hockey Academy 11	Hockey Academy 12
Careers	Health & Career Ed 7	Health & Career Ed 8	Health & Career Ed 8	Career Life Education 10	Career Life Education 11	Career Life Connections 12
						Post Secondary Prep 12
				Youth Train in Trades (Dual Credit Program) - at high schools		
				Youth Train in Trades (Dual Credit Program) - at a college		
				Youth Work in Trades - employed apprentice		
				Work Experience		
				Sampler Programs – (Trades, Engineering, Health Care....)		
Support (with approval)			Learning Assistance 9	Learning Assistance 10	Learning Assistance 11	Learning Assistance 12
				On Track Program – Various Self Paced Courses		

	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Applied Design, Skills and Technologies (ADST)	Explorations 7	Explorations 8	Foods 9	Foods 10	Foods 11	Foods 12
			Fashion Design 9	Fashion Design 10	Fashion Design 11	Fashion Design 12
			Woodworking 9	Woodworking 10	Woodworking 11	Woodworking 12
			Auto Mechanics 9	Auto Mechanics 10	Auto Mechanics 11	Auto Mechanics 12
			Metalwork 9	Metalwork 10	Metalwork 11	Metalwork 12
			Drafting & Automation 9	Drafting & Automation 10	Drafting & Automation 11	Drafting & Automation 12
			Business 9	Business 10	Business 11	Business 12
			Autobody 9	Autobody 10	Autobody 11	Autobody 12
			Women in Trades 9	Women in Trades 10	Women in Trades 11	Women in Trades 12
			Skills Explorations 9	Skills Explorations 10	Skills Explorations 11	Skills Explorations 12
			Digital Technology 9	Digital Technology 10	Digital Technology 11	Digital Technology 12
		*Yearbook 9	*Yearbook 10	*Yearbook 11	*Yearbook 12	
Arts Education	Band 7	Band 8	Concert Band 9	Concert Band 10	Concert Band 11	Concert Band 12
			Art 9	Art 10	Art 11	Art 12
			Drumline 9	Drumline 10	Drumline 11	Drumline 12
			Musical Theatre 9	Musical Theatre 10	Musical Theatre 11	Musical Theatre 12
Miscellaneous			*Leadership 9	*Leadership 10	*Leadership 11	*Leadership 12
			*Marketing 9 *school store	*Marketing 10 *school store	*Marketing 11 *school store	*Marketing 12 *school store
				Independent Studies 10	Independent Studies 11	Independent Studies 12
				Peer Tutoring 10	Peer Tutoring 11	Peer Tutoring 12
					Teacher Assistant 12	

*this course is delivered before/after school or at lunch

Post Secondary Requirements:

****Some universities/degree programs ask for a 2nd language requirement.

****Some programs have specific courses that you need to take in high school to eligible to apply

Please take the effort and time to research your post secondary plan.

Important Note: Students may not be registered in all their preferred courses due to limited space or incompatibility with their individual timetable. Furthermore, some courses may not proceed due to low interest

English

English 9

English 9 continues to build on the skills used in Grade 8. The sentence, paragraph and essay are further explored. Speaking and listening skills continue to be important. Novels, poetry and short stories are also major focuses of English 9. Students are encouraged to read for pleasure and appreciate suspense, character development, conflict and theme. Electronic research is encouraged.

English 10: First People's Literacy Studies (2 credits)

EFP Literary Studies is designed for students who are interested in exploring First Peoples' literature in a variety of contexts, genres, and media. These choices provide students with opportunities to explore personal and cultural identities, histories, stories, and connections to land/place.

English 10: First People's Composition 10 (2 credits)

EFP Composition 10 is designed for students who are interested in writing for a variety of purposes and contexts. This area of choice provides students with opportunities to become better writers through the exploration of personal and cultural identities, memories, stories, and connections to land/place.

English 11: Literary Studies

This course focuses on a deeper exploration of literature by authors from different countries and time periods in a variety of media. Possible areas of student may include literature from the Middle Ages, the Renaissance, Romantic and/or the Victorian eras as well as the 20th Century. In addition, students may examine various genres, including poetry, short stories, novels, drama, graphic novels and/or children's literature.

English First Peoples Literary Studies 11

EFP Literary Studies is a course designed for students interested in studying First Peoples literature. Students delve deeply into First Peoples oral and written literature in a range of media to explore various themes, authors, and topics. The course also provides students with the tools to think critically and creatively. Students will demonstrate their understanding of the material in a variety of ways, including formal and informal writing, as well as other creative means.

English Studies 12

Students are expected to demonstrate competence in language, composition, and literature. Students will be asked to write and analyze a variety of essay and poetry styles. Literary genres such as the short story, poetry and the Shakespearean play are studied. Other literary genres are studied as time permits.

English First Peoples 12

This course is the academic equivalent of English Studies 12. English First Peoples 12 is grounded in the First Peoples Principles of Learning. It is designed for all students interested in studying First Peoples oral and written literature as well as visual texts. The course focuses on the experiences, values, beliefs, and lived realities of First Peoples as shown in a variety of texts including oral story, poetry, song, performance, film, and prose. A key feature of the course is the focus on authentic First Peoples voices from British Columbia, Canada, and the world.

Social Studies

Social Studies 9

Grade 9 builds on the central theme that different and unique cultures develop in a response to a wide variety of influences. In this course students will be focusing on the development of Canada as a nation from its early settlements to the emergence of a new nation. The time period covered is from 1750 to the turn of the 20th century. Major themes that we will discuss include; the impact of the Industrial Revolution on society, the emergence of new political ideologies and social structure in Canada, the influence the U.S. and Britain had on the development and expansion of Canada, as well as the impact Canadian policies had on the Indigenous and various immigrant groups to Canada.

Social Studies 10

Grade 10 focuses on 20th century Canada and the growth of a nation in a period of global unrest and change. The key themes that will be explored include:

- A. Global and regional conflicts have been a powerful force in shaping our contemporary world and identities. (i.e.) WW1 and WW2
- B. The development of political institutions is influenced by economic, social, ideological and geographic factors. (i.e.) rise of socialism, communism and democracy
- C. Worldviews lead to different perspectives and ideas about developments in Canadian society. (i.e.) the Cold War, peacekeeping missions
- D. Historical and contemporary injustices challenge the narrative and identity of Canada as an inclusive, multicultural society. (i.e.) Indigenous issues, Fr-Eng. Relations and immigration issues.

Explorations in Socials 11

This course allows for a great deal of flexibility to explore a variety of topics within the umbrella of Social Studies. Focused units on human geography, climate change and the environment, as well as global poverty and social justice. Other areas of discussion will be our Canadian government system, human and civil rights, as well as Canada's participation in various peacekeeping missions and the role of the UN globally. Finally, we look at current events, and analyze the role the media plays in society today. Students will have a chance to demonstrate their understanding through a variety of methods such as presentations, discussions and visual displays.

Law 12

This course acts as an introduction to Canadian Law and the origins of our legal system. Students will learn about how our legal system developed and how our court system operates. We will study Criminal Law and the elements of a crime, using case studies to put our learning to the test. The course will wind its way through the various aspects of the law including arrest procedures, the rights of the accused, court procedures, sentencing and the numerous options available for restitution and retribution. We will also look at drugs, alcohol and driving laws, as well as the Youth Criminal Justice Act. "Ignorance of the Law is not a defense."

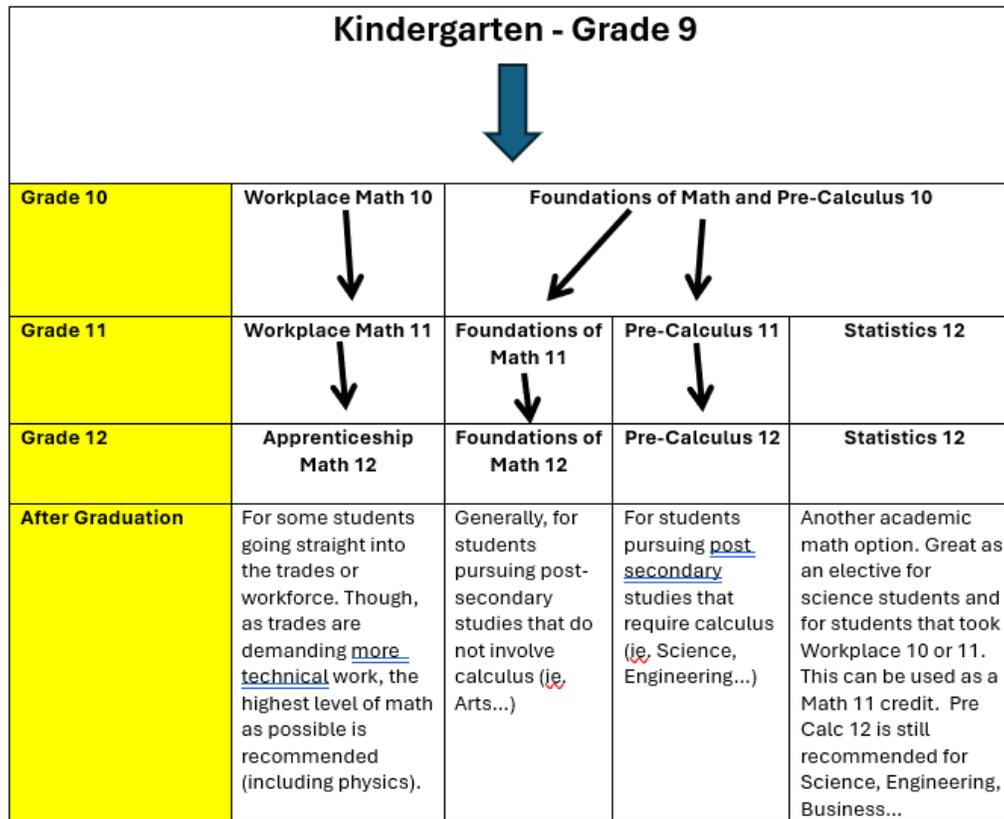
20th Century World History 12

History 12 is a demanding senior course with a heavy emphasis on reading and research. A university style survey course, History 12 covers the major trends, events and personalities of 20th Century World History, and the ideas that have shaped the contemporary world. Students who successfully complete this course should have a good understanding of most current events and world issues. History 12 focuses on an interpretive approach to history, making frequent use of texts and assigned readings. Class discussions of assigned topics and readings will form the basis of the course.

BC First Peoples 12

BC First Peoples 12 enables students to understand and respect the identities, worldviews, traditions, values, and beliefs of the BC First Peoples. This will be achieved through investigating and analyzing the past, present and future of BC First Peoples, including the political, social, and economic impact of contact and colonialism, as well as how cultural expressions convey the richness in diversity and resilience of BC First Peoples.

Mathematics



* The successful completion of any Grade 11 Mathematics course fulfills the Mathematics graduation requirement.

Students should consult with their math teacher regarding which pathway they should pursue.

** It is the responsibility of each student to research which pathway(s) and levels of achievement are accepted by each post-secondary institution and program they are applying to. **Students should consult post-secondary entrance information for math requirements.** The Workplace pathway may not be sufficient for post-secondary entrance requirements. Students who choose this pathway **may** need to upgrade starting at the grade 10 level.

Workplace Mathematics

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include geometry, measurement, number, statistics and probability.

Statistics 12:

Statistics 12 is an introduction to collecting, organizing, analyzing, and interpreting data. Students learn how to understand real-world information using graphs, probability, sampling, and statistical reasoning to make informed decisions.

Foundations of Mathematics (not being offered – students can look into this option via Distance Learning)

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Topics include financial mathematics, geometry, measurement, number, logical reasoning, relations and functions, statistics and probability.

Pre-Calculus

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Topics include algebra, number and logic, measurement, relations and functions and trigonometry.

Mathematics

Mathematics 9

All students in Grades 9 must take this course. Topics include Number Operations, Geometry, Algebra, Data Analysis and Measurement. Problem solving is a major component of each of the five content areas.

Workplace Math 10

The intent of this course is to equip students with the math tools and concepts needed in the workplace and trades. Topics include Measurement, Finance and Trigonometry.

Foundations and Pre Calculus 10 (recommended a C+ or higher in Math)

This course is intended for students planning on post secondary programs at college or university. Some trades also highly recommends the Precalculus stream of math. Measurement, Trigonometry, Algebra and Linear Relationships will set the groundwork for either Foundations or Precalculus 11.

Workplace Math 11

This course is intended to equip students with the math tools and concepts needed in the workplace and trades. It builds upon the concepts learned in Workplace Math 10. Topics include Problem Solving, Measurement, Geometry, Algebra, Finance, and Graphing. Keep in mind that many trades demand a high level math skills. Students are encouraged to take Precalculus if possible.

Pre-Calculus 11 (recommended C+ or higher in Foundations and Pre Calculus 10)

This course is recommended for students that intend to take a SCIENCE based study at university or college (engineering, chemistry, biology, physics, nursing, etc.) Business students should take this course if a university degree is desired.

Pre-Calculus 12 (recommended C+ or higher in Pre-Calculus 11)

This is the final course in the math stream designed for students that intend to take a SCIENCE or BUSINESS degree at a university.

Statistics 12

In an era of "fake news" and big data, the ability to interpret numbers is a superpower. Statistics 12 explores how we use data to observe trends, predict outcomes, and make decisions in uncertain situations. We will dive into modern data science and sports analytics, analyzing the "science of winning" and the numbers behind real-world success. You will master the fundamentals of statistical thinking, including experimental design, visualizing data, standard deviation, and probability distributions. You will also learn to use industry-standard software to analyze data, distinguish between correlation and causation, and conduct your own research projects to answer real-world questions.

This class is designed to be a meaningful math course that focuses on alternative and applicable content. It serves as a middle ground between Pre-Calculus and Workplace Math. Whether you are pursuing science, business, or simply winning arguments with evidence, you will leave this course with the tools to make sense of uncertainty and the confidence to clearly communicate your findings.

Notes:

- *Workplace 10 and 11 students are welcome to take this course.*
- *Pre-Calc students are welcome to take this as an elective, but should remain in Pre-Calculus for university admissions.*
- *This course is open to Grade 11 and 12 students and satisfies the Mathematics 11 graduation requirement.*

Science

Science 9

The course content of Science 9 has been organized into the following four Big Ideas:

- Cells are derived from cells (biology)
- The electron arrangement of atoms impacts their chemical nature (chemistry)
- Electric current is the flow of electric charge (physics)
- The Biosphere, Geosphere, Hydrosphere and Atmosphere are interconnected as matter cycles and energy flows through them (earth science)

Science 10

The course content of Science 10 has been organized into the following four Big Ideas:

- Genes are the foundation for the diversity of living things (biology)
- Chemical processes require energy change as atoms are rearranged (chemistry)
- Energy is conserved and its transformation can affect living things and the environment (physics)
- The formation of the universe can be explained by the Big Bang Theory (space science)

Earth Science 11

This course offers a great overview of some exciting topics:

- Minerals and rocks
- Surface processes
- Weather and climate
- Astronomy

Life Sciences 11

This course consists of an overview of the living world:

- Evolution and classifications
- Micro organisms
- Fungi
- Plants
- Animals

Anatomy & Physiology 12

Anatomy & Physiology 12 is a great course for anyone curious about how the human body works. You'll explore different body systems and learn how they keep you alive and healthy. The course is challenging, but if you're interested in science, you'll likely find it fascinating and rewarding. This course is especially helpful if you're thinking about future paths like medicine, nursing, dentistry, veterinary work, agriculture, or any other biology-related field. You'll learn through these big ideas:

- Your body works constantly to stay balanced (homeostasis).
- All living things are made of cells, and cells have DNA and special structures that help them survive and reproduce.
- Body systems are connected, working together in complex ways to keep you healthy.

Science

Chemistry 11

(Recommend C+ or higher in Foundations/Pre-calculus Math 10)

Students taking this course will develop an appreciation for the nature of science and scientific inquiry of introductory chemical processes as they explore a variety of different content areas. This course is organized under the following Big Ideas:

- Atoms and Molecules
- The Mole
- Chemical Reactions
- Solution Chemistry

Chemistry 12

(recommended C+ or higher in Chemistry 11)

Chemistry 12 is an advanced and challenging chemistry course for those interested in a career in the sciences. It is required for entrance into science faculties at some institutions. There are many diverse careers in chemistry ranging from chemical engineering, to pharmacy, environmental toxicology and waste management. This course is organized under the following Big Ideas:

- Dynamic Equilibrium
- Solubility Equilibrium
- Acids and Bases
- Oxidation-Reduction

Physics 11

(recommended C+ or higher in Science 10)

This is an introductory lab course that is designed to help students understand many of the science principles involved in events that occur in our daily lives. Some of the topics covered include:

- Kinematics (the study of moving things)
- Dynamics (the study of forces)
- Optics and Acoustics (the study of the behavior of light and sound)
- Basic electrical circuits

Physics 11 may be essential for further academic studies in most of the sciences, engineering, technology and medicine. Students selecting Physics 11 should have a reasonable background in Mathematics.

Physics 12 (recommended C+ or higher in Physics 11)

Physics 12 helps to strengthen the background for students who may be pursuing further academic studies and career training in the fields of science, engineering, technology and medicine. Physics 12 involves investigation of the facts, laws, principles, theories, and language of physics. This course is the study of classical mechanics and electromagnetism and is designed to help students develop analytical and problem-solving skills. It provides opportunities to understand and apply principles and concepts of physics to everyday situations. Topics studied include:

- Impulse and Momentum
- Circular motion & torque
- Electromagnetism
- Einstein's theory of special relativity

Chemistry 12 and Physics 12 are offered on alternating years:

2026-27: Chemistry 12

2027-28: Physics 12

Physical Education & Leadership

Physical Education 9

This course builds upon the learning experiences from the PHE 8 class and enables students to continue to develop and enhance their physical literacy levels; explore in greater depth how activities support their health and well-being; and develop a deeper understanding of various factors influencing personal health decisions and their potential influences.

Physical Education 10

This course builds upon the learning experiences from the PHE 8 and 9 classes and continues to use a variety of physical activities to support students in the development of their physical literacy levels; pursue and reflect on personal goals related to health; and develop a deeper understanding of how their community, and relationships with others, can influence their pursuit of lifelong healthy living.

PHE Volleyball 9-12 (Co-Ed)

This course is for students in 9-12 that love volleyball and want to take their skills to the next level. We will use volleyball and skill training to support students in the development of their physical literacy levels; pursue and reflect on personal goals related to health. Students will also develop a deeper understanding of how their community, and relationships with others, can influence their pursuit of lifelong healthy living. This course will be mainly volleyball games (indoor and outdoor), skills and training (mental and physical). We will do other activities as well but the emphasis will be on how they relate to our volleyball training and skills.

Active Living 11/12

This course is a senior elective course that enables students to participate in a wide variety of physical activities in the school and community-based field trips such as hiking, skating, snowshoeing, and much more. Team and individual activities and lifelong physical activities/opportunities will be introduced to students.

Hockey Academy 7-12

This first semester program will provide each student-athlete with hours of on-ice practice, with coaching from highly qualified staff. Students will be on the ice 2-3 times per week. During the off-ice days, students will be primarily engaged in dry land training, sometimes followed by floorball or nutrition and mental skills training. The cost of the program will be \$375 for the entire semester. A.L. Fortune Hockey Academy jersey is included in this price.

PHE Basketball 9-12 (Co-Ed)

This course is for students in 9-12 that love basketball and want to take their skills to the next level. This is a skills development course where students will work on basketball specific skills throughout the semester. At times, there may be other activities taking place but the focus will be on basketball.

AM Fitness & Conditioning 9-12 (could be year long or term based)

This is an elective course that enables students to develop a foundation of knowledge and skills necessary, to effectively and safely exercise in a variety of settings, including weight rooms, outdoor environments and more. Students will also learn about basic to advanced vocabulary, training principles, anatomy, and more to help them design individual programs to pursue personal goals. Exercise routines can include:

- circuit training
- cardio exercises
- weight training
- yoga/Pilates

This course will be taught before school, 2-3 times per week. Students will need to have reliable transportation to the school in the morning and be willing to commit to the course for the year.

Trades & Shop Courses

Woodwork 9-12

At the start of this course, students are given appropriate safety demonstrations on all tools and machinery before being permitted to use them in our well-equipped shop. Students are then allowed to develop these skills through a variety of projects. All projects allow for differentiation and customization. Creativity is encouraged. Students completing this course gain skills in measurement and layout techniques, basic cabinetry and joinery, sanding, and finishing. Working safely and cooperatively is emphasized throughout the entire course. Materials will be supplied to all students, however, anyone wishing to use materials other than Pine or Birch is expected to contribute at a cost rate. Students returning to the woodshop have the opportunity to hone skills already gained and to develop new techniques by learning about different aspects of the machines (ie. V Carve, CNC....). Safety and demonstrations are retaught on all equipment as well as some new machine set-up techniques. Once skills are developed to a high standard, showing clear understanding, students would be expected to design and make their projects, producing working isometric and orthographic drawings to articulate their designs.

Women in Trades 9-12

Students completing this course will gain a variety of skills across the trades. Students will be exposed to projects/learning in metal, wood, mechanics and other trades. The intent of offering this course is for students to build confidence in a comfortable setting while learning new skills. After taking this course students are encouraged to enroll the other trade specific courses that we offer.

Drafting and Automation 9-12

This course focuses on the use of software such as Fusion360, AutoCad, VCarve, and Illustrator. Through the use of these software programs, students will learn how to operate such automated machinery as 3D printers, vinyl cutter (for decal and clothing design projects), laser cutter/engraver and CNC router. Students will be given various design challenges throughout the semester to create tangible projects using the automated machinery.

Skills Explorations 9-12

In this course, students will participate in a variety of trades-based activities to provide them with practical life skills. Through practical projects, which will vary from year to year, students may be introduced to textiles, carpentry, plumbing, basic electrical systems, woodwork, and metalwork. Students are given appropriate safety demonstrations on all tools and machinery before being permitted to use them. Working safely and cooperatively is emphasized throughout the entire course. This course is for students that like some variation and fundamentally enjoy practical-based learning. Modules would last approximately 4 weeks.

Metalwork 9-12

This is an introductory course in metalworking. All students will be given appropriate safety demonstrations on all shop equipment prior to use. Students will gain experience in measurement both in ruler and precision measurement. Basic hand tools and layout techniques, flame cutting, braze welding, MIG welding and basic fabrication, machine lathe and vertical milling machine are all units that are covered in this course. This course is designed for students with little to no prior knowledge in metalworking. Students will spend that majority of time working in the school metal shop building mandatory projects as well as an individual design project of their choice.

Auto Mechanics 9-12

This is an introductory course in Auto Mechanics. Students will be given appropriate safety demonstrations on all equipment prior to use. Students will gain skills in basic vehicle maintenance, tires and wheels, brake systems, exhaust, suspension, steering, cooling, ignition, and fuel systems. Our shop at ALF is run in a realistic format with much of our work coming from customer cars. All work is monitored and checked by the instructor prior to being released. This course is designed for students that have zero to little auto mechanic experience.

Autobody 9-12

This is an introductory course in Autobody repair. Students will be given appropriate safety demonstrations on all equipment prior to use. Students will gain skills in dent removal, rust repair, fillers and basic body working techniques, primer and painting basics. Most shop work will be done on customer vehicles in our school shop as well as a term project on a practice panel. Students entering this course MUST come prepared with a 3M half mask and filters (available at Lordco or Gilberts here in town.)

Applied Skills

Foods & Nutrition 9-12

Basic techniques and skills for baking and cooking will be taught. An introduction to nutritional knowledge is part of the program so students can plan healthy meals. Some international cuisine and food preservation methods will also be looked at. Students will be expected to maintain their own recipe file in a binder. Students will also build on their basic baking and cooking skills to do more complicated or multi-step recipes. International cuisine will be looked at in more detail. Nutrition knowledge will be an important element of more advanced meal planning. A study of nutritional diseases will be covered.

Fashion Design 9-12

Students will learn; basic hand-sewing, sewing on a button and how to safely use a sewing machine. Basic items such as an apron, pencil case and pillowcase will be made. If time, students can also make themselves a pair of shorts or pants. We will use a commercial pattern to make a garment. There will also be exploration into other textile areas such as dying, felting, weaving, knitting, crochet or quilting. Students may have to supply some material for their projects. Students may have to supply material for their projects.

Information Technology

Digital Technology 9-12

DigiTech is designed to help students enhance their productivity and online safety skills through computer-based learning. Whether you are a total beginner or a tech expert, no prior tech experience is required!

The course is divided into four key sections:

- Hardware & Systems (computer parts, file management, troubleshooting)
- Productivity Tools (cloud services, office suites, typing proficiency)
- Digital Citizenship (cybersecurity, copyright, digital footprint)
- Creation & AI (media design, coding, game automation)

Typing with proper form will be practiced daily to correct bad habits, build muscle memory, and improve overall efficiency. Cybersecurity is a key component, regularly addressed through lessons and the video series *The Inside Man*. Students will explore a wide range of topics, including computer hardware and software, Google Workspace (Docs, Forms, Google Drive, etc.), Microsoft 365 (Word, Excel, OneDrive, etc.), CapCut video editing, Adobe Photoshop, graphic design with Canva, website design, coding with Python and SQL, video game automation, and app development. Artificial Intelligence will be a major focus, and we will finish the course with collaborative Minecraft Education.

Business 9-12

This course on Business and Financial Literacy is designed to provide you with the practical strategies needed to succeed after graduation, or even sooner! The goal is for you to leave this class not just with knowledge, but with the confidence to navigate your financial future.

The course is divided into four key sections:

- Investing (stock market, principles, accounts)
- Personal Finance (banking, income, budgeting)
- Business and Economics (supply/demand, entrepreneurship, marketing)
- Accounting (taxes, government services, record keeping)

The course will be highly interactive and project-based. We will begin with an engaging, semester-long stock market competition to introduce the principles of investing. Following that, you will learn to build a personal budget, analyze different banking options, and make informed decisions about large purchases or loans. We will then explore the wider world of business and economics, giving you the tools to develop your own entrepreneurial ideas. Finally, we will break down the process of accounting and taxes, ensuring you have the practical ability to file a basic tax return.

Yearbook 9-12

This course offers students an introduction to the basic elements of visual communication and the print world. Students will learn the fundamentals of photography as they document important events from the school year. The final product in the course will be a student yearbook that will be made available for all students to purchase. This will be a year long course that will be outside of the timetable...you can expect to use your Flex time to work on Yearbook activities.

Miscellaneous

Work Experience 12A and 12B

Work experience for school credit, must be a minimum of 100 hours at an employer who carries WCB coverage. **Work experience must be approved by the Career Coordinator before you start.** Meet with the Career Coordinator/Clerk to complete the following

1. Work experience training plan
2. Online Forms activity
3. New worker orientation
4. Resume
5. Record hours using the Work Experience log book
6. After 100 hours worked have employer complete the Employer evaluation
7. Complete the student reflection.

Teacher Assistant 12

Recommended: Good attendance and academic standing.

Teacher permission is required.

This course can only be taken once for graduation credit.

This course aims to help students build the attitudes, skills, and knowledge needed to boost self-esteem, prepare for the workplace, and foster social responsibility. Responsibilities may include tasks such as assisting students, organizing files, maintaining bulletin boards, and other supportive activities. Students will be evaluated based on their positive attitude, task accuracy, initiative, and ability to work cooperatively and productively.

After enrolling in the course, students must secure a teacher or administrator volunteer to work with. Students may also be assigned to a teacher based on the needs of the classroom.

Leadership 9-12

Students in this class are expected to organize school and community events (dances, spirit weeks, lessons with elementary schools). This course is offered both inside and outside the timetable and it is year long. Students must ensure they are able to attend regularly. Admission to this course will only be confirmed, after a successful conversation with the teacher.

Independent Directed Studies: IDS 10, 11, 12

This course enables students to complete a large scale project on their own over the course of a semester. Prior to entry into the course, each student must decide on a project they would like to undertake, how class time will be used in order to complete the project and how it will be assessed on a weekly basis. This course is an opportunity for students to study a specific topic or area of interest in detail. Students will be expected to attend class and work on their project under the direction and guidance of a teacher.

Marketing 9-12 (School Store)

Students in grade 9, 10, 11 or 12 will operate the school store (before school, at lunch and during special school events) in this course. Students will develop business knowledge and through hands on participation, apply their skills, and experience the realm of retailing from an employee perspective. Skills will include communication, working in teams, opening and closing, customer service, cash control, security, ordering and receiving stock, advertising, promotion and display techniques.

Peer Tutoring 10-12

Recommended: Good attendance and academic standing.

Peer Tutoring 10-12 allows students to investigate their interests in working with people, especially if they are interested in pursuing a career in the human services realm (teaching, medical & health fields etc).

Participants will acquire a broad range of knowledge and skills related to teaching and learning, including an introduction to learning differences and factors that influence student success.

By collaborating with teachers and supporting their peers, students will develop key competencies such as effective communication, interpersonal skills, organization, study techniques, and creative problem-solving. To participate, students must attend training sessions before being placed in a classroom setting.

Fine Arts

Art 9-12

Art will expose students to a variety of media and concepts. **NO PRIOR ART EXPERIENCE IS REQUIRED.** As skills are developed, flexibility and individualized opportunity will open up. Students will discover their own personal interests and begin generating original ideas. Students will explore drawing, painting and pottery and will be expected to take creative risks and think critically about their products. Students will participate in art discussions and displays and learn about indigenous art, contemporary art history and careers in art. If students wish to purchase additional materials to enrich their projects, they are free to do so. A sketchbook is not required.

DRUMLINE OBJECTIVES

Students will learn basic/intermediate/advanced rudiments as outlined by the Percussive Arts Society, as well as put ensembles and shows together in accordance to the Canadian Drumline Association's recommendations. It is a collaborative team-based activity which requires self-motivation, commitment, effective work habits, and initiative which emphasize both Personal Awareness and Communication core competencies. Participation in Drumline provides students with a sense of community, self-worth and feelings of achievement and satisfaction.

Drumline 9

Experience in Beginner Drumline/Concert Band is not necessary. This is still an entry level course in the beginning.

Drumline 10

Successful experience in Drumline 9 (or permission from teacher) is a requirement for this course.

Drumline 11/12

Successful experience in Drumline 10 is a requirement for this course. This is a high caliber performance ensemble that will do a lot of performances in the community, as well as compete in Provincials in the Spring.

Concert Band 9-12

Band is a large group ensemble that performs many styles of music, including traditional, festival, and contemporary at many concerts throughout the year. All musicians are expected to engage in a high level of class participation, concerts and participate in our annual music festival trip. Individual practice is a requirement of this class. Depending on numbers, Band 9 may become a class in itself.

Musical Theatre 9 -12

This is a performance-based class that combines drama, music, dance and art to put on a full stage musical. Due to the popularity of this course, not all students who request it will be able to take it. Serious dedication is required as many extra rehearsal and performance hours are required, especially during and leading up to the show. Students must be willing to commit to all rehearsal and performance dates before signing up for this course. Priority will be given to students who have successful prior experience in Musical Theatre, Dance, Drama, Choir or Band. There are only a limited number of tech roles such as, prop/set building, stage management, light tech, and stagehands. Each year, the chosen show and its production needs will determine the number of tech students required. Both independent, self-directed work and team work are essential to being successful in this class. Students who are new to this course will be required to meet with the teachers before successful enrollment can be confirmed.

SPECIAL LEARNING PROGRAMS

A. L. Fortune offers a good selection of special programs. *Entry to these programs is only by referral (school staff must place you into the program)* but you can certainly express your interest to a counsellor.

On Track Program

This is a program generally enrolling students in grades 10, 11 and 12 who need a more flexible model of education. Students are admitted to On Track only after a meeting with the Administration and parents. On Track may also be used to support students that are unable to take course due to timetable conflict or other scheduling issue. Courses are provided and administered by a teacher and are designed to be self-paced, but students are expected to attend other set classes. Students require a good deal of self-motivation in order to take full advantage of this program and what it has to offer.

Learning Assistance

A Learning Assistance block may be assigned if you require additional support. Learning Assistance class will help you learn compensatory strategies and will assist you in your approach to learning and studying. It is important to note that Learning Assistance is *not a homework block*, but a place to work on your academics and is a place where you will receive support.

Career Education Programs

We know that **80% of Canadian high school students do not attend university**. As well, **70% of careers require post-secondary education and training**. Some of the rewarding pathways that students can follow while still in secondary school are accessible by students in School District #83.

ALF students that want a head start with college courses or wish to obtain a trade credential can apply for the *district's special career programs*. These programs are offered by the school district in partnership with a local industry and/or college or university. Our partnerships allow some degree of *dual credit*, which means that the student obtains credit towards their high school graduation *and* the post-secondary partner's certificate program simultaneously. In addition, for the on-campus programs, high school students often can have their *tuition paid by the School District*.

ALF students enrolled in these programs may attend another district high school or a community college, or work as an apprentice for one or more semesters. **Students must find their own transportation to each site**. Upon completion, the student returns to his/her home school to complete graduation course requirements.

There are five different programs:

- A. **Youth Train in Trades (Dual Credit Programs)** (based at different district high schools and offered to all district students) For example: PC1 and Auto Collision at ALF, and Hairdressing at PVSS.
- B. **Youth Train in Trades (Dual Credit "On Campus" Programs)** based in a college. For Example: welding, plumbing, electrical and carpentry.
- C. **Youth Work in Trades Programs** based on being employed with a Red Seal, or VERY experienced trades person in the community.
- D. **Work Experience** based on working in the community during the summer or school year.
- E. **Sampler Programs** – SD83 is actively working with post secondary partners to offer sampler programs in areas like trades, health care, technology, emergency response and engineering.

Please visit <http://career.sd83.bc.ca> for more detailed program information and/or contact **Ms. Hall in the Career Centre (in our Library)** or at mihall@sd83.bc.ca for more information.

Career Education

Health & Career Ed 7, 8, 9 (HCE 7, HCE 8, HCE 9)

All grade 7,8 and 9 students are **required** to take Health & Career Ed. This curriculum is covered within existing courses and through pull out sessions. You do not choose this as a course selection. The Health & Career Ed 8/9 curriculum provides opportunities for students to:

- Practice decision-making and problem-solving strategies
- Identify and explore personal, education and career goals
- Think critically about a variety of health topics and decisions
- Examine skills that help to develop healthy relationships
- Develop safe attitudes and practices in a variety of settings
- Identify sources of information and support for a variety of health and career topics

Career Life Education 10

The aim of this program is to enable students to develop the skills they need to become self-directed individuals who set goals, make thoughtful decisions, and take responsibility for pursuing their goals throughout life. CLE provides opportunities for students to:

- plan for successful learning in the Graduation Program
- explore a wide range of post-secondary education and career options
- think critically about health issues and decisions
- develop financial literacy skills related to pursuing their education and career goals
- begin planning for their transition beyond secondary school.

Career Life Education 11

The aim of CLE 11. is to enable students to continue to develop the skills they need to become self-directed individuals. CLE11 provides opportunities for students to:

- plan for successful and required learning in the graduation program to meet post-secondary institution needs
- continue exposure to post-secondary education and career options
- continue to develop financial literacy skills related to pursuing their education and career goals
- continue to plan for their transition beyond secondary school

Career Life Connection 12: Capstone Project and Beyond

The aim of the C.P.B. is for our graduates to present their learning from CLE and CLC. and display their preparations thus far for “after grad life”. Students will also continue their educational path with exposure and education with post-secondary institutions and career options.

Post-Secondary Prep 12

This course helps students get ready for life after graduation by exploring future careers, programs, and pathways. You’ll learn practical skills for applying to college, university, or trades, and build confidence with university-style writing such as research basics, academic formatting, and clear formal communication. The course also supports goal-setting, planning for applications, and preparing for the financial realities of post-secondary life. **This course is open to Grade 11 and 12 students.**