

Aldergrove Community Secondary School

COURSE PLANNING BOOKLET

Grades 11/12

2025 - 2026



26850 29TH Avenue, Aldergrove, BC

Phone: 604-856-2521 Fax: 604-856-9648

<http://www.acsstotems.ca/>

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WELCOME TO ACSS

This guide is designed to help you and your parents feel at home at Aldergrove Community Secondary School. It provides basic information about our school and culture, and how you can make the most of your schooling at ACSS.

Contact: 26850 29th Avenue
Aldergrove, BC V4W 3C1
604-856-2521 (phone)
604-856-9648 (fax)

School website: www.acsstotems.ca

Social Media

Instagram	@ACSS.totems
Facebook	@Aldergrovecommunitysecondary
Twitter	@ACSSTotems
Career Ed	@ACSS_GradTrans

COMMUNICATION

SCHOOL MESSENGER

Our District has always been committed to improving communications with our students, staff, and parents/guardians. It is critical to have accurate and timely communications to help keep our school communities healthy and safe. As you may be aware, our District will be rolling out School Messenger, a notification service for parental outreach. More details will be communicated soon.

SCHOOL ANNOUNCEMENTS

School announcements are read over the PA every day when deemed appropriate (and to minimize disruptions). We do not interrupt classes during the day with student messages.

SCHOOL NEWSLETTER

The school newsletter is sent home via email every Friday. It is also posted on our website.

MYSCHOOLDAY APP

MySchoolDay is a free app for iOS and Android devices. This App shows students the year-long schedule as well as provides news and notification updates on a daily basis.

GENERAL INFORMATION

MAIN OFFICE

The office staff is always ready to assist you from 8:00 a.m. to 3:30 p.m. Monday to Friday. Please call 604-856-2521. Please leave messages for teachers via email. A list of all staff emails is available on the website under the top tab "Our School" and "Staff Connections".

SAFE ARRIVAL – ATTENDANCE

Please log student attendance on SafeArrival.

CALENDAR OF EVENTS

A comprehensive calendar of events is posted on our website and is available in the MySchoolDay App. Please refer to this calendar for school closure dates, early dismissals, bell schedules, etc. Always check the ACSS social media accounts for any changes or updates.

VISITORS

All visitors are required to report to the office upon arrival. Parents should not drop off items directly to classes; please bring items to the main office. Students may not bring non-ACSS students to our school without prior approval by a Vice Principal at least 48 hours in advance. *Generally, 'guests for a day' will not be approved.*

GRADUATION REQUIREMENTS (GRADE 10, 11, 12)

REQUIRED COURSES	
Subject Area	Minimum
English Language Arts 10 (2 modules required)	4
English Language Arts 11	4
Social Studies 10	4
Social Studies 11 or 12	4
Language Arts 12	4
Mathematics 10	4
Mathematics 11 or 12	4
Science 10	4
Science 11 or 12	4
Career Life Education 10	4
Career Life Connections 11 + Capstone	4
Physical and Health Education 10	4
Arts Education and/or ADST 10, 11, or 12	4
	52 credits
ELECTIVE STUDIES	
Students must complete a minimum of 28 elective credits . These 28 credits may be from Ministry-Authorized or Board/Authority Authorized (BAA) courses , post-secondary courses or external credentials . Once the credits for required courses have been met, additional courses in that subject area count as elective credits.	28 credits
OVERALL TOTAL	80 credits
Students must have a minimum of 80 credits, at least 16 must be at the Grade 12 level, including a Grade 12 Language Arts course. Others may be required or elective courses.	
Graduation Assessments	
Numeracy Assessment – Gr. 10 Literacy Assessment – Gr. 10 Literacy Assessment – Gr. 12	
Other requirements and options for earning credits	
Students must complete a minimum of 16 credits at the Grade 12 level, including a required Language Arts 12 course and Career Life Connections. These Grade 12 credits may be for required courses, electives, Independent Directed Study, External Credentials, or dual credit post-secondary courses. Of the 80 credits required to graduate, at least 4 credits must have an Indigenous focus. (Indigenous-Focused Graduation Requirements - Province of British Columbia). <i>ACSS Offers: EFP Literary Studies & Writing 11, EFP Literary Studies & New Media 11 & BC First Peoples 12.</i>	

GRADE 11/12 COURSE REQUIREMENTS

How to use this guide:

Course descriptions for CORE REQUIRED COURSES are first, ELECTIVE COURSES are second.

Required Courses for Grade 11/12 Students:

- English 11
- A Social Studies 12
- A Mathematics 11
- A Science 11
- Career Life Connections OR AVID 11
- English 12

A REMINDER: All students must take 80 credits to graduate. Students in Grade 11 MUST take a full schedule of classes; Grade 12 students may take 7 classes and apply for a study block but must give justification as to why they require the block (WAVE, extracurriculars, heavy course load, etc).

English Language Arts

English First Peoples 11:
Literary Studies & Writing
English First Peoples 11:
Literary Studies & New Media
English Studies 12
English Literature 12
Creative Writing 12

Social Studies (open to all Gr. 11/12)

BC First Peoples 12
Economic Theory 12
Genocide 12
Law Studies 12
Social Justice 12
20th Century History 12

Mathematics

Workplace Math 11
Foundations of Math 11
Foundations of Math 12
Precalculus Math 11
Precalculus Math 12
AP Calculus 12

Sciences

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

Career Education

Career Life Connections
AVID 11
AVID 12

Business

Accounting 11/12
Marketing 11
Entrepreneurship 12

Information Technology

Computer Systems 11/12
Game Creation 11/12
Media Arts 11/12
Yearbook 11/12

Home Economics

Food Studies 11/12

Technology

Metalwork 11/12
Woodwork 11/12
Automotive 11/12

Visual Arts

Art Studio 11/12
Studio Art (3D) 11/12
Studio Art (2D)

Drama, Film & Photography

Drama 11/12
Directing & Script Development 11/12
Theatre Production 11/12
Film & Television 11/12
Photography 11/12

Music

Concert Band 11/12
Concert Choir 11/12 (Outside Timetable)
Jazz Band 11/12 (Outside Timetable)

Modern Languages

French 11
French 12
Japanese Introductory 11
Japanese 11
Japanese 12

Physical Education

Active Living 11/12 (*Girls*)
Active Living 11/12
Active Living 11/12 *Hockey Academy*
Fitness and Conditioning 11/12
Rec Leadership 11/12

Other Courses:

Psychology 12

Work and Volunteering Experience

Wave 12A
Wave 12B

Dual Credit/ Apprenticeship Programs – Held in Secondary Schools

Auto Service Technicians @ACSS
(1 semester and 1 summer)
Carpentry @ACSS
(1 semester and 1 summer)
Electrical Program @DW Poppy
(1 semester)
Hairstylist @ACSS
(2 semester and 1 summer)
Plumbing and Piping @LSS
(2 semester)
Professional Cook @WGSS
(1 full school year)

ENGLISH LANGUAGE ARTS

The BC English Language Arts K-12 curriculum contributes to students' development as educated citizens through the achievement of the following goals. Students are expected to:

- become proficient and knowledgeable users of language, in all its forms, to achieve their personal, social, and career aspirations
- appreciate language and learning as lifelong sources of joy, curiosity, and passion

- think creatively, critically, and reflectively about language and texts as part of constructing and communicating personal meaning
 - become critical and ethical users of digital media, capable of adapting to new modes and tools of language use
 - strengthen their understanding of themselves, diverse cultures, and multiple perspectives through the exploration of First Peoples' and other Canadian and international texts
 - contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples
 - appreciate the power, beauty, and artistry of language and texts and their impact on personal, social, and cultural life
 - use language to design and share information interpersonally, interculturally, and globally.
- <https://curriculum.gov.bc.ca/>

Grade 11

One of the following English Language Arts offerings must be completed in order to attain a Grade 11 English Language Arts credit.

English First Peoples Literary Studies and Writing 11

Rather than stick to the same old reading lists, EFP Writing 11 explores authentic Indigenous works, by authors who are local and contemporary. Hearing people tell their own stories gives us a fuller understanding of Canada's history. These texts may use humour, mystery, fantasy or memoir. The course surveys Indigenous literatures across a variety of genres including short stories, novels and graphic novels, poems, and plays. Students will develop writing and speaking skills through narratives, poetry, essays, and oral story-telling, to be prepared for success in English 12.

English First Peoples Literary Studies and New Media 11

EFP New Media 11 explores various media from authentic Indigenous voices. Through a variety of genres including graphic novels, podcasts, poetry, drama and film (all by First Nations authors and artists), students will examine the power of media to educate and persuade. They will engage with Indigenous ways of knowing. Students will develop writing and presenting skills through essays, narratives, visual representations, and oral story-telling, to be prepared for success in English 12.

Grade 12

English Studies 12 (4 credits) (MENST12)

*Recognized by **all** post-secondary institutions*

Society expects graduates to think critically, solve problems, communicate clearly, and to learn and work both independently and collaboratively. The skilled use of language opens many opportunities in life, including further education, work, and social interaction. The English Studies 12 curriculum contributes to this outcome by providing a framework to help students—through literature—to attain these societal goals. Students in English 12 will be presented with a window into the past, a complex portrayal of the present, and questions about the future. Students will also come to understand language as a human system of communication—dynamic and evolving, but also systematic and governed by rules.

Grade 12 English Language Arts *elective*

Literary Studies 12 (4 credits) (MLTST12)

*Recognized by **all** post-secondary institutions*

Literary Studies 12 (Philosophy) is an elective open to grade 11s and 12s. This course merges the study of literature and philosophy to develop critical thinking, problem-solving, and communication skills. Through literary works, students examine the past, present, and future, exploring language as a dynamic and systematic tool for human expression. The course delves into key philosophical topics, such as the nature of reality, the limits of knowledge, ontology, epistemology, morality, and justice, encouraging students to grapple with complex, open-ended questions. Inspired by Socrates' call to "Know Thyself," students will build higher-level thinking, analytical reading, and effective writing and speaking skills. Emphasis is placed on well-informed reasoning and intelligent discussion, both written and oral, about ideas that shape human understanding. By engaging in essays, projects, and debates, students will gain transferable skills for academic success, democratic participation, and life-long learning.

Grade 12 English Language Arts *elective*

Creative Writing 12 (4 credits) (MCTWR12)

*Recognized by **all** post-secondary institutions*

Creative Writing 12 is an elective open to grade 11s and 12s. To create worlds, to recreate worlds, to put into words worlds imagined, shaped by your mind, this is where our Creative Writing course will begin. It will begin with writing individuals and become a community of writers. It will begin by exploring subject, style, genre, characterization, by exploring pace. In the end you will bind your own work as a book. *"The scariest moment is always just before you start."* Stephen King

Career Opportunities - English

Author	Book Critic	Columnist	Copywriter/Copy Editor
Communications/Public Relations Professional	Court Reporter	Desktop Publisher	Editor
Foreign Correspondent	Freelance Writer/Editor	Fundraising/Grant Writer	Information Officer
Journalist	Legislative Aide	Librarian	Linguist
Literary Agent	Multimedia Writer	Newspaper/Magazine Editor	Overseas Language Teacher
Public/Media Relations Officer	Publisher	Playwright	Radio/TV Newscaster Or Producer
Reporter	Scriptwriter	Song Writer	Speech Coach Or Researcher
Speech Writer	Technical Writer	Video Game Writer	Web Writer
Writing Centre Director			

SOCIAL STUDIES

Grade 11/12

Students are required to take 4 credits of Social Studies to graduate. ACSS offers a selection of social studies courses for students to take starting in Grade 11. Students may choose to take as many social studies courses as they would like, but need at least 1 for graduation.

20th Century World History 12 (MWH- -12)

The twentieth century was an era of turbulence and change, a time period that witnessed two world wars, the rise and fall of dictators, unspeakable atrocities, and the emergence of universal human rights. What lessons can we take from our past to better understand our future? In this course, we will use debates, simulations, discussions and inquiry projects to better understand the intricate past that has resulted in the world we live in today.

Economic Theory 12 (MECT-12)

Money is the root of everything—every decision, every choice, every action is based on how you define success, wealth and happiness. How are governments and companies manipulating us? What is capitalism? Does it work? Is it the best system? Can billionaires, like Elon Musk, solve world hunger? Learning will be through games, simulations, discussions, and case studies.

BC First Peoples 12 (MBCFP12)

BC First Peoples tells the story of our communal past and present through an Indigenous lens. Combining oral history, First Peoples principles of learning, primary source documents, and other media, students will uncover the history of oppression, resistance, and resilience embedded in the legacy of British Columbia. From rich cultural expressions, oral traditions, and diverse languages, we will investigate the impact of colonization and cultural appropriation on our connection to the land, our sense of self, and our understandings of nationhood.

Genocide Studies 12 (MGENO12)

Over 800 000 people were killed by machete in only 100 days in 1994, and for the most part, the world sat back and watched. What is genocide, and how does it happen? Learn about the regimes that have benefitted from the cultural or physical destruction of specific groups of people. How do we, as human beings, recover from the worst of our own atrocities?

Law Studies 12 (MLST-12)

How does our legal system impact our daily lives? In order to be active, informed, and productive citizens in a democratic society, it is crucial to have a basic understanding of the Canadian legal system. Law 12 develops skills needed for students to effectively address legal, social, and ethical issues, while reflecting critically on the role of law in our society.

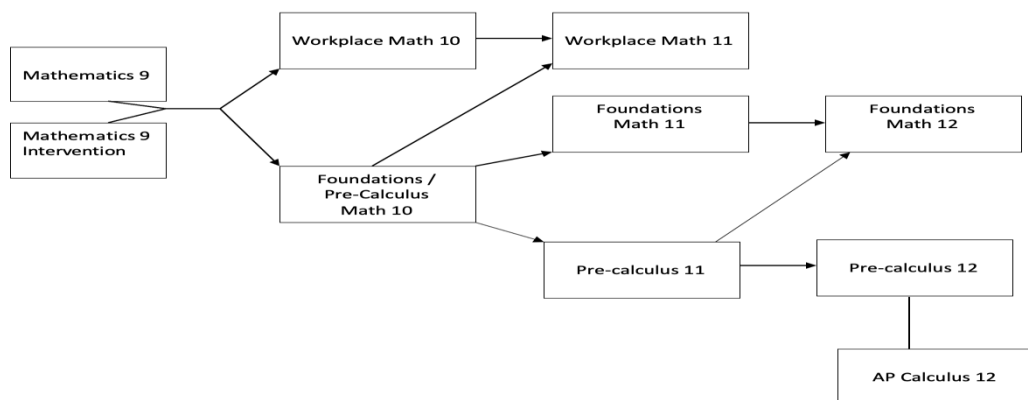
Social Justice 12 (MSJ- -12)

Inequality has always existed, as has the suffering, conflicts, and prejudices that surround it. In 1948, the newly formed United Nations created the Universal Declaration of Human Rights, recognizing the need to reform our world. In this course, we will define social justice and analyze our progress. We will examine the state of the world, look at case studies and current news, discuss and debate controversial issues, and define justice, prejudice, privilege, and equality.

Career Opportunities - Social Studies

Accountant	Children's Rights Activist	Clinical Psychologist	Counsellor
Diplomat	Documentary Editor	Ecotourism Manager	Entrepreneur
Event Planner	Health Care Administrator	Intelligence Officer	Insurance Broker
Investment Banker	Journalist	Lawyer	Librarian

Market Analyst	Media Correspondent	Museum Curator	Non-Profit Organization Director
Paralegal	Politician	Probation Officer	Real Estate Appraiser
Social Media Manager	Social Service Worker	Sustainability Consultant	Teacher
Urban Regional Planner	Video Game Writer		



MATHEMATICS

Workplace Mathematics 11 (MWPM-11)

Prerequisite: Workplace Mathematics 10 or Foundations / Pre-calculus Mathematics 10

Topics in this course include Algebra and Number: proportional reasoning including unit analysis, formula manipulation and application, numerical puzzles and games; Financial Mathematics: personal budgets, simple and compound interest, financial services including credit cards and loans; Geometry: two and three triangle problems, scale representation of 3-D objects, exploded views and component parts of 3-D objects; Relations and Functions: slope; statistics: bar graphs, histograms, line graphs, circle graphs; Trigonometry: Sine Law and Cosine Law excluding the ambiguous case.

Foundations of Math 11 (MFOM-11)

Recommended Prerequisite: Foundations/Pre-calculus Math 10

Topics in this course include Algebra and Number: applications of rates, finance; Geometry: scale factors, proofs for properties of angles, triangles and parallel lines, spatial puzzles and games; Relations and Functions: systems of linear inequalities in two variables, quadratic function; Logic: inductive and deductive reasoning. Statistics: normal distribution, standard deviation, z-scores, confidence intervals, and margin of error.

Pre-Calculus 11 (MPREC11)

Prerequisite: Foundations and Pre-calculus Math 10 with a recommended mark of 70%

Topics in this course include Algebra and Number: absolute value, radicals, radical expressions and equations, rational expression and equations; Relations and Functions: polynomial factoring, absolute value functions, quadratic functions, linear-quadratic and quadratic-quadratic systems, one-variable

quadratic inequalities, two-variable linear and quadratic inequalities, arithmetic sequences & series, geometric sequences and series, reciprocal functions; Trigonometry: angles and trigonometric ratios for angles from 0° to 360° in standard position, Cosine Law and Sine Law including the ambiguous case

Foundations of Math 12 (MFOM-12)

Recommended Prerequisite: Foundations of Math 11 or Pre-calculus 11

Topics in this course include: Finance: compound interest and financial decision making, analysis of buying, leasing and renting, analyze an investment portfolio in terms of interest rate, rate of return; Logic:

analysis of puzzles and games involving logical reasoning, application of set theory, conditional statements; Probability: interpret and assess the validity of odds and probability of statements, mutually exclusive events and combined events, fundamental counting principle, permutations and combinations; Relations and Functions: polynomial functions and regression, exponential and logarithmic functions and regression, sinusoidal functions and regression; Mathematics Research: research on a historical event or area of interest involving mathematics. *This is on the list of academically approved Grade 12 courses for admission to most post-secondary institutions.*

Pre-Calculus 12 (MPREC12)

Prerequisite: Pre-calculus 11 with a recommended mark of 73%

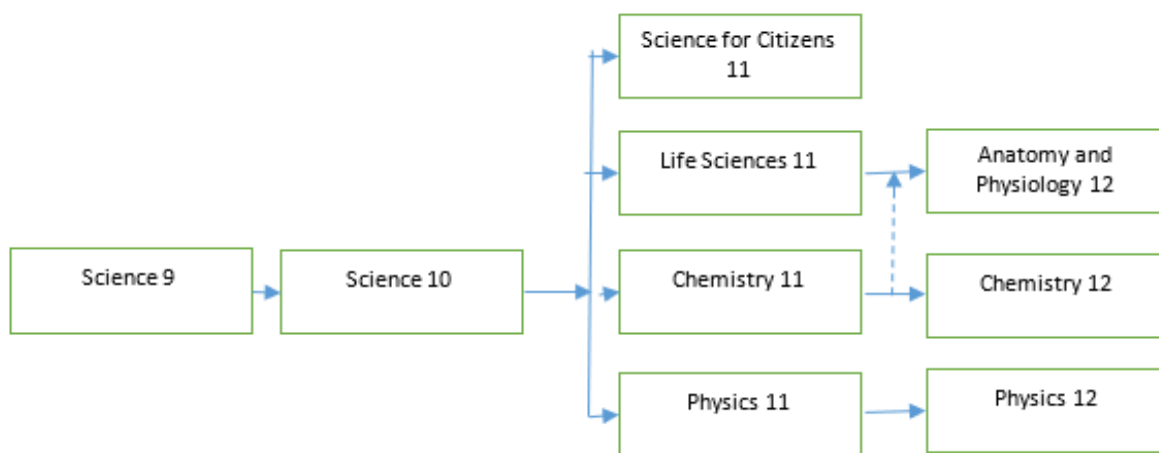
Topics in this course include Trigonometry: radian measure of angles, primary and reciprocal trigonometric ratios, unit circle, primary trigonometric functions and transformations, solving linear and quadratic trigonometric equations, trigonometric identities including reciprocal, quotient, Pythagorean: sum and difference, and double- angle; Relations and Functions: operations on, and composition of functions, transformations of functions and relations, including translations, reflections, expansions/compressions, and inverses, exponential functions and equations, logarithmic functions and equations, laws of logarithms, polynomial functions and equations, factoring of polynomials, radical functions, rational functions, radical functions; Combinatorics & Probability: fundamental counting principle, permutations and combinations, binomial expansion theorem. *This course is an academically approved Grade 12 course for post-secondary admission.*

Calculus 12 (MCALC12)

Calculus 12 course fully meets the learning outcomes of the BC Curriculum. It is designed to prepare students to take calculus at the post-secondary level. Students will get a basic understanding of calculus which covers limits, derivatives, integrals, and their applications.

Career Opportunities – Mathematics

Account Manager	Benefits Administrator	Applied Mathematician	Wage Analyst
Bank Loan or Trust Officer	Compensation Consultant	Biostatistician	Auditor
Commodity Manager	Data Analyst	Computer Scientist	Budget Analyst
Cryptographer	Environmental	Economist	Credit Analyst
Construction	Enterprise Risk Manager	Materials	Engineer (Civil)
Insurance Underwriter	Inventory Control Specialist	Financial Analyst	Structural
Mathematical Technician	Operations Research Analyst	Investment Analyst	Industry Researcher
Quantitative Analyst	Revenue Canada Investigator	Public Health Statistician	Market Analyst
Statistician	Systems Analyst	Risk Assessor	Purchasing Agent
Actuary			Robotics Programmer



SCIENCE

Grade 11

Life Sciences 11 (MLFSC11)

Want to know more about jellyfish, grasshoppers, and frogs? In Life Sciences 11, students examine life as it evolved from unicellular to multicellular and from ocean to land. Students question and predict the evolution and classification of organisms using taxonomic groupings. Life Sciences 11 applies a lot of new Science vocabulary and readings. Students will demonstrate the skills of a scientist using the big ideas of the course. Students can expect to complete daily readings, daily assignments, tests, lab work, and presentations.

Chemistry 11 (MCH- -11)

Chemistry 11 is an academic course that requires students to analyze qualitative and quantitative changes that occur in chemical reactions. The course is divided into the following units (Safety, Structure of Matter, Organic Chemistry, Measurement of Matter, Reactions of Matter, and Matter in Aqueous Solutions). Learning how to use Moles in chemistry calculations is a major focus in this course. Students will demonstrate the skills of a scientist using the big ideas of the course. This may include daily assignments, quizzes, labs, and tests.

Physics 11 (MPH- -11)

Prerequisite: Math 10

As an introductory course in Physics, students will examine a variety of physics laws and principles as they study the 4 big ideas of Physics 11: Motion (in 1- and 2-dimensions), Forces, Energy, and Waves. Students will demonstrate the curricular competencies of the course through the use of the scientific method and the skills expected of a scientist. Assessment of students' knowledge, understanding, and skills outlined in the Physics 11 curriculum may be completed through daily assignments, quizzes, labs, projects, and/or unit tests.

Science for Citizens 11 (MSCCT11)

Science for Citizens 11 is an inquiry-based course that provides flexible opportunities for students looking to complete their Science 11 credit outside of the traditional big 3. From forensics to 3D

printing, we will explore how Science is changing the world around us. Students will demonstrate the skills of a scientist using the big ideas of the course. This may include in-class assignments, inquiry labs and Science conversations.

Please note: Students should carefully select their science choices based on informed research about post-secondary entrance requirements.

Grade 12

Anatomy and Physiology 12 (MATPH12)

Prerequisite: One of Life Sciences 11 or Chemistry 11

Interested in learning more about how your body works? In this course, students take an in-depth look into cell biochemistry and its functions as applied to the different human body systems. Anatomy 12 applies a lot of new Science vocabulary and readings. Students will demonstrate the skills of a scientist using the big ideas of the course. Students can expect to complete daily readings, daily assignments, tests, lab work, and presentations.

Chemistry 12 (MCH- -12)

Prerequisite: Chemistry 11

Chemistry 12 is an academic course that requires students to analyze qualitative and quantitative changes to chemical systems. The course is divided into the following units (Reaction Rates, Equilibrium, Acids/Bases, and Electrochemistry). Students will demonstrate the skills of a scientist using the big ideas of the course. This may include daily assignments, online extension activities, quizzes, labs, and tests.

Physics 12 (MPH- -12)

Prerequisite: Physics 11

Students will study a variety of concepts covering the following big ideas: Circular Motion, Fields, Momentum, and Relativistic Effects. Topics of study will include advanced vector analysis of collisions, applied circular motion, gravitational fields and satellite motion, Relativity Study's (Time, Mass, and Energy), electric fields, and interactions between charged objects, magnetic fields and forces. Students will demonstrate the skills of a scientist using the big ideas of the course. This may include daily assignments, quizzes, labs, and tests.

Career Opportunities – Life Science

Career Opportunities – Chemistry

Analytical Chemist	Biochemist	Brewery Laboratory Analyst	Chemical Engineer
Chemical Information Management Specialist	Chemical Product Developer	Consumer Product Chemist	Cytotechnologist
Dangerous Substance Inspector	Environmental Chemist	Food Scientist/Technologist	Forensic Chemist
Formulation Chemist	Geochemist	Hazardous Waste Management Specialist	Health and Safety Inspector
Hydrometric Technologist	Industrial Chemist	Laboratory Analyst/Coordinator/Manager	Occupational Safety Specialist
Oil and Petroleum Chemist	Patent Agent	Perfumer	Pharmaceutical Chemist

Pharmaceutical Sales Representative	Pollution Control Technologist	Quality Assurance Technician	Science Writer/Journalist
Toxicologist	Water/Wastewater Treatment Analysis		

Career Opportunities – Physics

Acoustic Physicist	Aerodynamicist	Astronomer	Biophysicist
Core Technology Scientist	Crystallographer	Flight Management Analyst	Geophysicist
Health Physicist	Hydrologist	Industrial Physicist	
Manufacturing Project Leader	Meteorologist	Nanotechnology .	Planetarium Director/Guide
Radiation Protection Inspector	Scientific Photographer	Systems Analyst	Telecommunications Technician
Telescope Operator			

Career Opportunities – General Sciences

Analog or Digital Circuit Design Engineer	Automation Specialist	Circuit Design Engineer	Control and Instrumentation Specialist
Biomedical Systems Designer	Computer Assisted Design (CAD) Specialist	Construction Engineer	Electrical and Electronics Engineer
Energy Conversion Specialist	Fuel Cell Specialist	HVAC Engineer	Instrumentation and Control Engineer
Manufacturing Engineer	Maintenance Engineer	Micro Systems Designer	Numerical Simulation Engineer
Pipeline Engineer	Piping Designer	Power Systems Engineer	Product Design Engineer
Project Manager	Research and Development Advisor	Systems Analysis Engineer	Thermal Systems Engineer

CAREER EDUCATION

Career Life Education 10 (MCLE-10)

This is a required course for graduation.

Career-Life Education 10 (CLE) is a course that recognizes the major phases of overall career development. As students move through Grades 10 – 12, they will further refine their understanding about the links between personal development and future career decisions. Students reflect on their own personal strengths, skills, and interests as they consider potential future pathways. Students also consider global market and labour trends, diverse career possibilities, workplace safety, community outreach and involvement, and basic financial literacy. Career-Life Education has an emphasis on self-awareness and self-reflection of the relevant skills and core competencies.

Career Life Connections 12 plus Capstone (MCLC-12)

This course is a graduation requirement and will be completed during students' Grade 11 school year.

Career-Life Connections 12 explores the links between a student's personal development and their career and transition plans on a deeper level. Students will examine post-secondary educational plans, work preferences, finance, scholarships, lifestyles and well-being, the importance of mentorship and support networks, and transferable skills. All students will create a personalized

transition plan for future preferred pathways. In addition, students will work intensely on a Capstone Project. The Capstone Project will be monitored by their CLC teacher and community mentors.

Please note: The successful completion of a Capstone Project and Interview is required for graduation. Students who do not demonstrate sufficient evidence of their learning and progress related to class activities, assignments, and their Capstone Project, will not qualify to have the interview and will therefore have to repeat the course.

Students in AVID 10 and 11 will not register for CLE 10 and CLC 12 plus Capstone as it will be completed in the AVID courses.

AVID 11 / Career Life Connections 12 plus Capstone (MCLC-12AV)

Prerequisite: Recommendation of their AVID 10 teacher or application approved by the AVID Site Team for new students.

Students cover the new Career Life Connection 12 curriculum, with a strong emphasis placed on using and refining the AVID curricular competencies of WICOR. AVID 11 is paired with an academic course with an AVID trained teacher to be able to put their developing skills in practice.

AVID 12 (MIDS-2H)

Prerequisite: Recommendation of their AVID 11 teacher or application approved by the AVID Site Team for new students.

Students continue to refine AVID curricular competencies in WICOR, with the emphasis on being able to meet the academic standards required at a university level. There is a strong focus on scholarship preparation and application as well. AVID 12 is typically paired with an alternating study to permit students time to work in collaborative study groups to support their academically rigorous courses and to help mentor younger AVID students.

- Learn to use proven academic strategies for success, participate in discussions and project work that challenge you and deepen your understanding of various topics while helping you improve your performance in other courses as well.
- Gain a competitive advantage by building your scholarship portfolio early by learning the importance of volunteering in your school and community, and developing leadership skills, and completing required service hours.
- Participate in class field trips to post-secondary institutions.

As a four-year preparatory program, students are expected to enroll each year from Grades 9 – 12. However, students are welcome to apply at any grade level and entry into the class depends on space availability. The AVID elective is taught by an AVID trained teacher and the students have this class every other day for the entire school year. The students in the AVID elective also take an academic class together and this class is also taught by an AVID trained teacher who reinforces the strategies they learn in their AVID elective class.

AVID students are challenged to work and think differently, therefore, it is important for candidates to be motivated to learn and do better for their goal is to be ready to attend college or university after graduation. AVID is NOT a remedial program or a program for students who have attendance issues or don't seem to care about school. Students need to be capable of completing rigorous courses but

may not have realized their full potential and would benefit from the AVID elective focus of college and career-readiness. Priority will be given to students who are underserved in post-secondary institutions.

In the AVID elective class students learn organizational and study skills, develop critical thinking by asking probing questions, get academic help from peers and tutors, and participate in enrichment and motivational activities which make college and career success attainable. Students enrolled in AVID typically enrol in rigorous academic classes to keep their post-secondary options open and to be ready for the challenges ahead of them. Therefore, AVID students are strongly encouraged to take a second language through to Grade 11. AVID students are also encouraged to fill their timetable with enriching elective experiences to develop themselves into well-rounded students, which many university and college programs look for. Leadership in the school and in the community is also important for scholarship preparation and developing individual responsibility for their academic success. Taking a Red Leadership course or getting involved in Student Council is also highly recommended. As students progress in AVID, their self-image improves, and they become academically successful students, leaders, and role models for other students.

Application forms can be obtained from the Counselling office or the main office and must be submitted by February 28th, 2024.

Contact Ms. Ross (aross@sd35.bc.ca) for more information.

ELECTIVE COURSES

BUSINESS EDUCATION

Accounting 11 (MAC- -11)

Looking for skills to an entry level job with a ton of career options? Accounting might just be the choice for you. Accounting 11 is an introductory course that covers the fundamentals of maintaining financial information for business purposes and provides a basic foundation for further study in the field of accounting. The concepts, principles, and procedures learned in accounting can be applied globally. This course looks at the importance of accounting in business, the roles of accountants as well as the activities involved in maintaining financial information. You will learn how to develop and create financial documents such as an Income Statement and Balance Sheet, using MS Excel and related accounting software.

Accounting 12 (MAC- -12)

You will be able to build on your knowledge base initiated in Accounting 11. This course is a definite consideration towards a business program after high school. It is a core course in the acquisition of any business degree or diploma at most post-secondary schools. This course would also be a benefit to you if you are interested in starting your own business as a fundamental knowledge of accounting is crucial to a profitable business. Accounting 12 will consist of project-based work, including learning and applying industry accounting software tools such as QuickBooks and Sage Accounting.

Marketing and Promotions 11 (MMAP-11)

This course focusses on product and service promotion, including advertising, the marketing mix, and test marketing. Learning includes ethical practices and emerging trends, such as social marketing. Course goals are to provide students with the opportunities to:

- Develop an understanding of marketing concepts, strategies and operations
- Understand the impact of social, economic, technological and educational factors on marketing practices
- Understand and apply the principles of responsible business ethics
- Develop skills required for careers and post-secondary programs in marketing
- Demonstrate interpersonal and communication skills required for success in business
- Develop critical thinking and problem-solving skills by analyzing marketing problems
- Keep up-to-date with changes in marketing and business fundamentals

Entrepreneurship 12 (MENT-12)

In Entrepreneurship 12 you will develop and analyze the skills, characteristics and attitudes required to own a successful business. You will learn ways to minimize venture failure by creating your own venture and studying other successful (and not so successful) entrepreneurs. You will also have the opportunity to use technology to conduct research and present various business related issues and scenarios. A great attitude, work ethic, creativity, and sense of adventure are required for success in this course.

Career Opportunities – Business Education

Financial Analyst	Quantitative Analyst	Pricing Analyst	Internal Auditor
Market Risk Manager	Asset/Liability Manager	Credit Risk Manager	Economist/Economic Analyst
Investment Administrator	Financial Service Manager	Securities Broker	Market Research Analyst
International Trade Specialist	Strategic Planner	Commodities Trader	

HOME ECONOMICS

Food Studies 11 (MFOOD11)

In this course, students will use their cooking knowledge and skills to design their cooking labs. Students will have opportunities to develop and modify recipes according to their goals and purposes. Throughout the process, students will consider various issues such as food insecurities, food systems, government policies, and marketing.

Food Studies 12 (MFOOD12)

In this course, students will design, prepare and evaluate meals, make them, and evaluate and refine their skills. Students will study the interconnectedness of food and culture, as they learn about and make international foods. Discussions will be around food justice, food policies, and food philosophies.

Career Opportunities – Home Economics and Culinary Arts

Farmer	Food Transporter	Food Retailer	Business Manager
Food Chemist/Biologist	Health Inspector	Chef	Dietitian
Nutritionist	Health Consultant	Sports Nutritionist	Food Photographer
Food Journalist	Cookbook Writer	Cook	Event Manager/Planner
Caterer	Hotel Restaurant Manager		

INFORMATION AND COMMUNICATION TECHNOLOGIES

Computer Information Systems 11/12 (MCINF11/12)

This computers course will focus more in depth on skills used in the information technology world. Students will learn the basics of web design languages such as HTML and CSS and develop coding skills and techniques through the use of the JavaScript and Lua languages using both web and game-based applications. It will also look at 2D and 3D animation and other design ideas. Students will also have the opportunity to create their own project, where they can further pursue a particular area of interest related to computers.

Game Creation 1 & Game Creation 2 (CMPR11/12)

Level 1: Computer Programming 11

Level 2: Computer Programming 12

This video game creation computers course will focus on learning about programming and asset creation through the lens of game design. Students will use the popular Unity engine to build their understanding of the C# programming language, asset management, and video game design. First-year students will focus on re-creating video game classics with their own personal touch, while second-year students will branch out into games of their own design.

Media Arts 11/12 (MVAMT-11/12)

Want to learn how to design animated cartoon characters or professional looking logos using industry standard tools? This senior Media Arts course covers a number of mediums used by today's graphic designers and media artists, and looks to build on the skills developed in Media Design 9/10. We will be examining the trends and changes in how media is consumed, and how its production is changing as consumption trends change. We will also learn to use the tools to create a variety of different kinds of media while creating our own digital communications. Tools and software will include: advanced Adobe Photoshop, Illustrator, InDesign, Premiere Pro, After Effects, Dreamweaver, and Animate.

Media Design - Yearbook 11/12 (MMEDD11/12)

Make your mark for years to come – help design and produce the school yearbook! Yearbook class aims to help students apply the principles and processes of inquiry and research to use effectively a range of print, electronic, and mass media resources. This course will help students create informative media products for the school and community audiences. The course aims to combine expectations from various subjects, such as Graphic Design, Photojournalism, and Marketing. Students will use a variety of software but will focus mainly on the Adobe CC suite, including Photoshop and InDesign, and Jostens's Yearbook Avenue.

Computer Programming 11 (MCMPR11)

In this course, you will learn about the development and programming process through the lens of game design. While creating your own games, you will learn about the process of game design, and coding in game-oriented languages like Unity's C# implementation. You will also be looking at things like user interface, controls, and problem solving through programming.

Career Opportunities - Information & Communications Technologies

Accounting	Media Arts	Yearbook
Certified Professional Accountant Bookkeeper Accounting Assistant Finance Manager Business Analyst Payroll Clerk Accounting Manager Auditor	Graphics Designer Website Designer Digital Media Artist Advertising Art Director Animator Creative Director Illustrator Production Designer Game Designer Photographer App Developer	Graphics Designer Animator Creative Director Illustrator Photographer Art Director Marketing Manager Project Manager Editor Journalist Campaign Manager Social Marketing Manager

TECHNOLOGY EDUCATION

Automotive Technology 11 (MTAUT11)

This is a introductory course for grade 11 and 12's that will focus on basic engineering principles of the automobile. The class is 50% classroom theory and 50% hands on shop time. In the classroom they will break a vehicle down into several sub systems and look at the historical developments over the past 125 years of automotive history. In the shop students will complete lab exercises on preventative maintenance tasks and basic automotive repair skills. This course is suited to anyone who plans on owning, operating and maintaining a motor vehicle.

Metalwork 11 (MTMET11)

This course is project focused and students can choose from several examples or come up with their own. Students will be exposed to hand tools, power tools, machining tools, forming tools and multiple types of welding. Students must also learn and demonstrate skills on other shop equipment by completing lab exercises on tools not used in completion of their projects.

Woodwork 11 (MWWK-11)

Students who have enrolled in previous woodwork courses will explore existing, new and emerging tools/ technologies as they design their projects. There will be increased self-autonomy as students research, design and create projects of their own choosing. Furthermore, students will learn about machine and equipment set up, change and adjustments as it relates to different production processes.

Automotive Technology 12 (MTAUT12)

This course is for grade 12's who have successfully completed Auto 11 and want to explore further into automotive systems and repair. The class is 25% classroom theory and 75% hands on shop time. In the classroom students will learn the engineering concepts behind today's computer controlled vehicle systems. In the shop students will work on customer vehicles as well as complete lab tasks centered around vehicle diagnostics. This course is suited for students considering the "Youth TRAIN in Trades" program or are interested in pursuing a career as an automotive service technician, engineer, heavy duty mechanic, millwright, aviation mechanic, marine technician, equipment repair, and other related fields.

Metalwork 12 (MTMET12)

This course is project focused and students can choose from a number of examples or come up with their own. Popular project ideas are go-karts, mini-bikes, drift-trikes, furniture, jewelry, art, BBQs,

smokers, etc. We are open to any and all project ideas with this course and the only limitations are the students' fabricating skills and budget. Students are encouraged to pick a project that is both challenging and skill building. Students must also learn and demonstrate skills on other shop equipment by completing lab exercises on tools not used in completion of their projects. Students will be exposed to hand tools, power tools, machining tools, forming tools and multiple types of welding.

Woodwork 12 (MWWK-12)

Students who have enrolled in previous woodwork course will be exposed to projects of a high quality of complex woodworking and design. This course is focused on honing and developing woodworking skills acquired over previous courses that will challenge a student's abilities in the woodshop.

Throughout the semester students will research, design and construct projects of their choosing with some direction from the instructor.

Furniture and Cabinetry 12 (MTFAC12)

Students who have completed Woodwork 12 can enhance their crafting skills in Furniture and Cabinetry 12. You will be exposed to specialized techniques and designs related to furniture and cabinetry construction. Students will have the opportunity to design a prototype and construct projects of their choosing.

Career Opportunities – Technology Education

Carpentry	Metalwork	Technology General
Cabinet Maker Craft Woodworking Artist Furniture Finisher Carpenter Timber Framer Wood Machinist Furniture Maker Architectural Wood Model Makers Saw Mill Operators Roof Truss Builders	Welder Boilermaker Farrier CNC Programmer Blacksmith Machinist Pipe Fitter Sheetmetal Worker Forge Machine Operator	Carpenter Plumber Electrician Automotive Technician Product Manager Front End Engineer Alternative Energy Consultant CAD Technician Refrigeration Technician

ARTS EDUCATION

Art Studio 11 (MVASt11)

"Art is not what you see, but what you make others see." *Degas*

During this course, students will further develop skills, perspectives and an understanding of visual arts through a variety of assignments including drawing, painting, printmaking, and sculpture/ceramics. Through perseverance, resilience and reflection, students will create art that is meaningful and reflects the artist's relationship with self, identity, culture, and historical contexts.

Please note: Students will be required to purchase a sketchbook for this course.

Studio Arts 3D 11 (MVAC-11)

"Sculpture is like drawing in the air. Filling in space. Finding space." *Denis Hopking*

Carve, form, bend, shape, mould, and manipulate a wide variety of medium (including clay) to create three-dimensional works of art that communicate personal, social, cultural, environmental, and historical connections with the world. Drawing will continue to be an integral part of the course for purposes of note taking, brainstorming, thumbnail sketches, and preliminary drawings.

Please note: Students will be required to purchase a sketchbook for this course.

Art Studio 12 (MVA12)

"I am always doing what I cannot do yet, in order to learn how to do it." *Vincent Van Gogh*

Art Studio 12 is an excellent choice for students who have an interest in the visual arts – from doodlers and hobby artists to those who are interested in pursuing post-secondary art programs and require a portfolio of work for the application process. Throughout this course, students will use and combine a wide variety of materials, technologies, and processes (both 2D and 3D) for the purpose of artistic expression, while further refining their skills and understandings of the visual arts through perseverance, resilience, and risk taking.

Please Note: students will be required to purchase a sketchbook for this course.

Studio Arts 3D 12 (MVAC-12)

"I saw the angel in the marble and carved until I set him free." *Michelangelo*

Using a variety of medium (including clay), and techniques, students will continue to create three-dimensional works of art that can communicate personal, social, cultural, environmental, and historical connections with the world. Drawing will continue to be an integral part of Studio Arts 3D12 for purposes of note taking, brainstorming, thumbnail sketches, and preliminary drawings.

Please note: students will be required to purchase a sketchbook for this course.

MUSIC

Instrumental Music: Concert Band 11 (MIMCB11)

This course is open to all students enrolled in grade 11 with at least three years of band experience. The course is sequential, so students can take two years of Senior Concert Band for credit. Students gain knowledge of music through study and performance. This is a performance-oriented class and students are expected to participate in concerts and festivals, with the option of the annual music tour. Recommended Prerequisite: Band 10

Instrumental Music: Jazz Band 11 (MIMJB11) (Outside the School Timetable)

This course is designed for band students who have had three years of instrumental experience. Jazz band requires three hours of rehearsal each week, a variety of performances during the year, and entry into competitive festivals. Recommended Prerequisite: Concert Band 11 concurrently

Choral Music: Concert Choir 11 (MCMCC11) (Outside the School Timetable)

Concert Choir is made up of students from grades 9 to 12. Beginning choir students will learn to read music, use their voices correctly and appreciate good music in any style. They can expect to sing in many musical styles, including pop, folk, classical, gospel and jazz. Intermediate choir students will build on their previous skills by developing their solo capabilities, demonstrating leadership and preparing music on their own. Since this is a performance-oriented class, choir students may participate in concerts or festivals each year. Credit will be granted for the appropriate grade level course.

Instrumental Music: Concert Band 12 (MIMCB12)

This course is open to all students enrolled in grade 12 with at least three years of band experience. The course is sequential, so students can take two years of Senior Concert Band for credit. Students gain knowledge of music through study and performance. The Senior Concert Band may also participate in an annual music tour, concerts, and festivals.

Instrumental Music: Jazz Band 12 (MIMJB12) (Outside the School Timetable)

Recommended Prerequisite: Concert Band 12 concurrently

This course will include instrumental music of the jazz genre. The group will rehearse and perform jazz band literature and may participate in concerts and festivals. This group will require a considerable commitment from all members.

Choral Music: Concert Choir 12 (MCMCC12) (Outside the School Timetable)

Concert Choir is made up of students from grades 9 to 12. Beginning choir students will learn to read music, use their voices correctly and appreciate good music in any style. They can expect to sing in many musical styles, including pop, folk, classical, gospel and jazz. Intermediate choir students will build on their previous skills by developing their solo capabilities, demonstrating leadership and preparing music on their own. Since this is a performance-oriented class, choir students may participate in concerts or festivals each year. Credit will be granted for the appropriate grade level course.

DRAMA, FILM & PHOTOGRAPHY

Drama 11 (MDRM-11)

Drama 11 is designed to develop a more formalized approach to theatrical and performing arts skills. A variety of script-oriented assignments, mixed with improvised self-expression are explored in order to provide the students with the understanding and confidence for internalized character development assignments and will include a variety of material and elements focusing on different periods, styles and genres of theatre history and performance.

Directing & Script Development 11 (MDRSD11)

The Directing and Script Development 11 course is designed to facilitate students' self-exploration and growth via the mediums of scriptwriting and practical stage direction. This course becomes a base for students to blend leadership, detailed planning and creativity on the stage. The emphasis of the course is the students' personal development, through the successful exposure and participation in a variety of practical listening, speaking, reading, directing and writing activities. All students will write and develop a one-act play, and will have opportunities to work with younger student actors. Recommended Prerequisite: Must have taken at least two previous theatre courses and must have teacher's permission.

Theatre Production 11 (MDRTP11)

Theatre Production 11 is designed to allow students keen on exploring the technical sides of theatre and the performing arts an opportunity to develop design, construction, lighting, and stage managing skills. Students are expected to be involved in all school productions; as well as being exposed to numerous elements of the historical sides of theatre production as a valuable learning perspective. Student evaluation is carried out daily, depending on the students' positive class participation and creative technical growth. There are some written assignments and assessments. Enrolled student will receive credit for the appropriate grade level. Recommended Prerequisite: Must have taken at least two previous Theatre/Drama courses.

Drama 12 (MDRM-12)

Drama 12 is an advanced course in theatre study and acting technique that builds on the foundations set in Drama 11. Assignments will include a variety of material and elements focusing on different periods, styles and genres of theatre history and performance. Numerous group scenes and activities will require a definite mature commitment and approach to others in the class.

Directing & Script Development 12 (MDRDS12)

Recommended Prerequisite: Must have taken at least two previous theatre courses and must have teacher's permission.

The Directing and Scriptwriting 12 course is designed to facilitate student's self-exploration and growth via the mediums of scriptwriting and practical stage direction. This course becomes a base for students to blend leadership, detailed planning and creativity on the stage. The emphasis of the course is the student's personal development, through the successful exposure and participation in a variety of practical listening, speaking, reading, directing and writing activities. All students will write and develop a one-act play, and will have opportunities to work with younger student actors.

Theatre Production 12 (MDRTP12)

Recommended Prerequisite: Must have taken at least two previous Theatre/Drama courses

Theatre Production 12 is an advanced course in stage design, lighting, sound, production, and management.

Film & Television 11 (MDFT-11)

This senior level film course will task students who have been studying the basics of filmmaking with more challenging topics and assignments. While they will study and examine films as literature, the course is project based, where students will demonstrate their knowledge through creating short films and exploring the processes of pre-production, production, and post-production. Students will explore numerous areas of study including screenwriting, directing, cinematography, lighting and sound, acting-for-the-camera, and editing.

Film & Television 12 (MDFT-12)

In this final course of the film production program, students will focus on theoretical studies, practical filmmaking techniques, film technology, and will examine examples of film and television through review and analysis. Senior students are expected to use their skills to film events in the school community, and to demonstrate their knowledge through creating more complex short films through the processes of pre-production, production, and post-production. Students in this course will have the ability to determine their area of focus in the field of film and television. Potential areas of study include screenwriting, directing, cinematography, lighting and sound, acting for the camera, and editing.

Photography 11 (MVAPH11)

This photography course is designed to provide students with an opportunity to improve their technical skills from Photography 10. Students will build on skills & concepts, learning more advanced camera functions and creative processes.. Students will also be given more opportunity to focus on more experimental & conceptual projects. If student has successfully finished Photo10, students will have opportunities to write art proposals. Students will create individual projects based on techniques taught during the semester.

Photography 12 (MVAPH12)

This photography course takes everything learnt from Photography 10 and 11 and builds on these foundational skills to get students to think more critically and creatively as a photographer as a contemporary artist. Students will mostly work on independent projects, supported by the instructor, as well as become a mentor and teacher for students in Photography 10 and 11. Students will be allowed to pursue research-based projects, personal inquiry exploration, and creative experimentation more freely in this course. Students will also be expected to apply real-world practice by taking their work out of the classroom and exhibiting in several places in school and in the community. Students will have the choice to explore 35mm film or practice digital photography for assignments.

Career Opportunities – Arts Education

Advertising Copywriter	Animator	Architect	Arts Administrator
Art Agent/Dealer	Art buyer/Consultant	Art Conservator	Art Critic
Art Educator for Schools or Museums	Art Illustrator	Art Law Consultant	Art Librarian
Billboard Artist	Book Designer	Cartoonist	Costume Designer
Curatorial Assistant	Desktop Publishing Artist	Estate Appraiser	Exhibition/Museum Installation Designer
Freelance Artist/Researcher	Graphic Designer	Illustrator	Magazine Designer
Museum or Gallery Curator or Assistant	Painter	Pattern Maker	Photographer
Picture framer	Printmaker	Production Artist	Product Package Designer
Restoration Specialist	Sculptor	Set Designer	Tattoo Artist
Technical Illustrator	Textile Designer	Web Designer	

MODERN LANGUAGES

Core French 11 (MFR- -11)

In French 11, students will continue to rigorously practice their French speaking, listening, reading and writing skills, and to express themselves with increasing fluency in the past, present, and future. Students will continue to explore the intricate relationship between language and culture, and to recognize the influence of the interactions between First Peoples and Francophone communities in Canada. Finally, students will identify and explore personal, educational, and professional opportunities requiring proficiency in French.

Introductory Japanese 11 (MBJA-11)

Introductory Japanese 11 is an introduction to Japanese language and culture open to all students, grades 10-12. Students will be introduced to Romaji (Japanese phonetics), Hiragana (the Japanese phonetic alphabet), and some Kanji (traditional Chinese characters). Students will build a foundational knowledge of basic conversational skills, everyday vocabulary, and be introduced to a variety of Japanese traditions, cultural perspectives, and social nuances.

Japanese 11 (MJA--11)

Recommended Prerequisite: Japanese Introductory 11 or Japanese 9

Japanese 11 is recognized by post-secondary institutions. Students will expand their Hiragana, Kanji, and Japanese language skills. Students will also learn Katakana, explore Japanese culture, geography, economy, and social issues through student projects, presentations, and other mediums.

Japanese 12 (MJA--12)

Recommended Prerequisite: Japanese 11

Japanese 12 is an advanced study of Japanese language. Students will interpret, analyze and decipher various texts and further practice Hiragana, Katakana, and Kanji. Writing practice will include sentence and paragraph composition. Student directed learning will use Japanese to explore their own interests and passions.

Core French 12 (MFR- -12)

In French 12, students will continue to rigorously practice their French speaking, listening, reading and writing skills, and will be able to effectively express themselves in a variety of contexts. Students will be able to explore cultural connections in diverse communities and recognize that language and culture have been influenced by interactions between First Peoples and Francophone communities in Canada. Finally, students will be able to explore opportunities to continue language acquisition beyond graduation.

Career Opportunities – Languages

Bilingual Educator	Citizenship and Immigration Officer	Community Worker	Diplomat
Embassy Officer	ESL Instructor	Event Planner	Foreign Aid Worker
Foreign Correspondent	Foreign Services Officer	Global Education	Hospitality Manager
Immigration Officer	Import/Export Specialist	Intercultural Educator	International Banking Officer
International Development	Journalism	Language Assessor	Lawyer
Linguist	Museum Assistant	Non-Profit Agency Worker	Overseas Personnel Manager
Peacekeeping Officer	Public Policy Analyst	Public Relations Officer	Political Aide
Radio/TV Announcer	Speech Writer	Teacher	Tour Operator/Guide
Translator/Interpreter	Tour Agent/Designer	Travel Writer	

PHYSICAL AND HEALTH EDUCATION

Senior PHE/Active Living 11/12 (MACLV11, MACLV12)

Sr PHE is an elective course offered for senior students where the emphasis is placed on personalized fitness and developing a lifelong active and healthy lifestyle. Students will explore a dynamic range of physical activities and team sports as well as outdoor activities. Through discussions and presentations, students will learn how to make appropriate choices, and set personal goals that enhance their quality of life. Students will have the opportunity to demonstrate safety, fair play, and leadership in physical activities and plan field trips. Field trips such as bowling, skating, swimming, hiking, cycling, canoeing/kayaking, skiing (downhill/x-country), snowshoeing, may be offered (there will be a cost associated with certain activities).

Fitness and Conditioning 11/12 (MFTCD11, MFTCD12)

This course introduces students to the practice of resistance training and fitness conditioning as part of a healthy lifestyle. Students will learn a variety of strategies to develop a lifelong understanding of healthy and active living principles. The course will focus on proper training guidelines and techniques, the effects of different types of fitness activities on the body, components of exercise selection, human anatomy and physiology, and relevant sources of health information. Students will be able to demonstrate a variety of leadership skills in different types of fitness activities, create, implement, and reflect on a personalized fitness program, and identify how different types of fitness activities influence the muscular system and the cardiovascular system.

ACSS Hockey Academy 11/12 (MACLV11I)

The Aldergrove Hockey Academy has been offered at ACSS since 2001. We are the longest running Hockey Academy in the Province! This co-ed program focuses entirely on the development of hockey skills and is open to all students that play hockey of any skill level. Specialized, professional instruction is offered for players and goalies on and off the ice. We have former Abbotsford Heat captain and ACSS grad Matt Keith and Paul Whintors of Complex Hockey as our lead on ice instructors. For goaltenders we also offer specialized training and have even had, when available, Wade Flaherty of the Winnipeg Jets join us on the ice. **THIS COURSE IS TWO BLOCKS.**

We have had many graduates move from House to Rep Hockey and from Rep Hockey to MML and the Junior ranks. As long as your goal is to improve your skill at whatever level you are at, this is the program for you! Approximately 35-40 ice times are offered during the first semester. The cost of the course is \$750 per student that can be divided into four equal payments of \$187.50, (less than \$20 per session!) which covers the cost of the ice and specialized instruction.

For more information please contact Mr Dan Renaud at drenaud@sd35.bc.ca or Mr Nelson Spring at nspring@sd35.bc.ca.

Rec Leadership 11/12 (YIPS-1AL, YIPS-2AL) (Outside the School Timetable)

This course focuses on student inquiry into developing lifelong leadership skills. The course is a combination of leadership theory, personal growth, and practical application. Students will be required to plan, organize, and execute numerous events that promote physical activity including ACSS athletics, sports tournaments, intramural competitions, and fundraisers. Students are expected to commit to a significant amount of volunteer time, both at school and in the community. The class will meet one morning a week before school and the required volunteer hours will be during lunch, after school, and on some weekends. **APPLICATION WILL BE REQUIRED FOR 2024-2025. SPACE IS LIMITED. APPLICATIONS CAN BE PICKED UP AND RETURNED TO THE PHE OFFICE.**

Career Opportunities - Physical and Health Education

Chronic Disease Rehabilitator/Rehabilitation Specialist	Chiropractor	Coach	Exercise Physiologist
Exercise Therapist or Trainer	Health & Social Policy Director	Health & wellness/Return to work coordinator	Kinesiologist
Life Coach (Nutrition & Fitness)	Managers/Coordinator in Community Centres	Medical Doctor/Sports Medicine	Nutritionist
Occupational/Recreational Therapist	Physiotherapist	Program Coordinator (e.g. Parks & Recreation Dept.)	Public Health Director
Registered Massage Therapist	Rehabilitation Program Director	Teacher	

OTHER COURSES

Psychology 12 (YSPSC2A)

Recommended Prerequisite: Successful completion of Social Studies 10 and Science 10

If you are interested in why people do the things they do and make the choices they make, then psychology is the course for you. Psychology is the scientific study of human behavior and mental activity. Psychology 12 provides information relating to issues that all individuals encounter not only in

themselves, but also in their relationships with their peers, friends, and family. Students will gain and explore insight into the complex determinants of behaviour and develop an appreciation of and understanding for individual differences.

The core curriculum of Psychology 12 will include research, discussion, and exploration of ideas centered around the physiological and environmental factors responsible for behavior, personality, motivation, stress, anxiety, emotions, perception, and learning. We will also discuss the scientific research methods of psychology, developmental psychology, abnormal psychology, criminal psychology, experimental and clinical psychology. Other areas selected for study will include those considered important in today's society, as well as meaningful for students in the course.

WAVE

WAVE – Work and Volunteer Experience 12A/12B (MWEX-2A and MWEX-2B)

Recommended Prerequisite: Completion of Career Life Education (MCLE-10)

WAVE allows grade 10-12 students in the Langley School District to earn graduation credits for paid and unpaid work and explore careers with a local employer or organization. Students will complete assignments to prepare for interviews, reflect on experiences, and review workplace safety practices and procedures. WAVE 12A requires students to attend an employer's workplace for a minimum of 80 hours. An additional 90 hours within a WAVE placement is required to gain WAVE 12B credits. WAVE 12A is the first course a student would enroll in. If the student wishes to continue with WAVE after they have completed WAVE 12A, they may continue by enrolling in WAVE 12B. WAVE 12B may be at the same employer as WAVE 12A or a new one.

Benefits of WAVE:

- Earn up to 8 credits toward graduation
- Explore a new occupation/industry or improve skills with your current employer or organization
- Get experience in almost any industry: arts, business, trades, IT, healthcare & more
- Gain valuable experience with workplace situations and equipment
- Increase self-confidence and self-awareness
- Work outside school hours at a real workplace (weekends, summer, etc.)
- Gather references and contacts to assist with future job searches
- Find your own employer or connect with the assistance of a teacher.

2024 -2025 Youth Train in Trades



Automotive



Carpentry



Electrical



Hairstylist



Landscape/
Horticulture



Piping/
Plumbing



Professional
Cook 1

What

- Programs for students to complete [SkilledTradesBC](#) technical trades training
- Students can train to become a(n): Automotive Service Technician, Carpenter, Electrician, Hairstylist, Landscape Horticulturalist, Plumber or Professional Cook

Why

- Learn skills and gain experience
- Earn high school and post-secondary credits at the same time
- Pay no tuition (for eligible high school students)

Who

- Be in grade 10-11 to apply (or grade 12 for Hairstylist only)
- Intention to graduate
- Genuine interest in the trade
- Commitment to learning the skills, knowledge and attitudes required to do well in the field

When

- Most programs begin February 2025
- Professional Cook begins September 2024
- Programs are full-time for 1 or 2 semesters

Where

- Location depends on the program, see program pages for more information

How

- Contact your school's [Career Advisor](#) for more information and/or to apply
- Visit careered.sd35.bc.ca/youthtrain



What

- SkilledTradesBC's [Youth Work in Trades](#) program allows students to start an apprenticeship while they are still in high school. They can earn graduation credits while logging work-based training hours

Why

- Earn up to 16 elective credits towards graduation (equals 4 courses)
- Acquire skills employers want and get a head start on your career
- Use 480 paid work hours towards your apprenticeship
- Have a seamless transition from school to work
- Become potentially eligible for a \$1000 Youth Work in Trades Scholarship

Who

- Be 15-19 years old
- Be working or have worked in a SkilledTradesBC regulated trade
- Register at anytime during the school year

Where

- Work at your employer's place(s) of business and on school assignments at home

How

- See your school's [Career Advisor](#)
- Visit careered.sd35.bc.ca/youthwork



What

- Get placed with employers/organizations to job shadow and/or perform the duties of an entry level employee
- Gain experience and new skills in the workplace they wouldn't be able to get at school

Why

- Complete course credits outside of a school in almost any industry/occupation
- Get paid or gain volunteer experience while earning school graduation credits
- Take more than eight courses in a school year, does not impact current school schedule

Who

- Be in grade 10-12 to apply

When

- Complete work after school, weekends during school breaks (winter, summer, spring)

Where

- Work at your employer's place(s) of business and on school assignments at home

How

- Register during course selection or see your school's WAVE teacher, [Career Advisor](#) or counsellor for more info
- Visit website for more info careered.sd35.bc.ca/wave





2024 - 2025 Academic Dual Credit – Early Childhood Education

What

- Students can earn post-secondary credits towards a university program
- Students complete course requirement to become an Early Childhood Education Assistant and earn post-secondary credits towards the Early Childhood Education Certificate

Why

- Learn skills and gain experience
- Earn high school and post-secondary credits at the same time
- Pay no tuition (for eligible high school students)

Who

- Be in grade 11 to apply
- Intention to graduate
- Genuine interest in pursuing post-secondary education
- Commitment to learning the skills, knowledge and attitudes required to do well in the field

When

- ECE program starts in September 2024

Where

- Location depends on the program, see program pages for more information

How

- Contact your school's [Career Advisor](#) for more information and/or to apply



2024 - 2025 Academic Dual Credit – Introduction to Health Science

What

- Students can earn post-secondary credits

Why

- Learn about health science from a variety of perspectives
- Gain knowledge of post-secondary expectations
- Increase communication and interpersonal relations
- Earn high school and post-secondary credits at the same time
- Pay no tuition (for eligible high school students)

Who

- Be in grade 11 to apply
- Require this course as part of an intention to pursue a career in health care/health science with a focus on nursing

When

- July-August 2024

Where

- Kwantlen Polytechnic University, Langley Campus

How

- Contact your school's [Career Advisor](#) for more information and/or to apply



Automotive Service Technician partnered with KPU at Aldergrove Community Secondary

Program Length and Dates	What do you learn?	What do you leave with upon successful completion of the program?	What do you need to get into the program?
1 semester & July (Work Experience) Feb to July For grade 11 and 12 students	Skills and knowledge to start working in automotive service. Level I auto service technician trades skills.	<ul style="list-style-type: none"> credit for 5 high school courses (20 credits) training in Auto Service leading to apprenticeship exam AST 1 some practical work experience in the field SkilledTradesBC registration 	<ul style="list-style-type: none"> grade 10 completion plus any Math 11 and English Language Arts 11 Automotive 11 or equivalent intention to graduate genuine interest in automotive service commitment to learning the skills, knowledge and attitudes required to do well in the field

Carpentry partnered with KPU at Aldergrove Community Secondary

Program Length and Dates	What do you learn?	What do you leave with upon successful completion of the program?	What do you need to get into the program?
1 semester & July (Work Experience) Feb to July for grade 11 and 12 students	Skills and knowledge to start working in construction/carpentry. Level I carpentry trades skills.	<ul style="list-style-type: none"> credit for 5 high school courses (20 credits) SkilledTradesBC Level I Carpentry apprenticeship training some practical work experience in the field college credits leading to Kwantlen's Citation in Carpentry/Construction SkilledTradesBC registration 	<ul style="list-style-type: none"> grade 10 completion plus any Math 11 and English Language Arts 11 intention to graduate genuine interest in construction commitment to learning the skills, knowledge and attitudes required to do well in the field

Hairstylist at Aldergrove Community Secondary partnered with SkilledTradesBC & Beauty Council of BC

Program Length and Dates	What do you learn?	What do you leave with upon successful completion of the program?	What do you need to get into the program?
2 semesters Feb to following Jan for grade 11 and 12 students Program Schedule: *subject to change M-F, 8:15am-2:30pm	Skills and knowledge to become a certified hairstylist in BC.	<ul style="list-style-type: none"> credit for 11 courses (44 credits) SkilledTradesBC & Beauty Council of BC registration 990 hours of credit towards SkilledTradesBC Hairstylist foundation program 300 SkilledTradesBC practicum hours through work experience in the industry and in the training salon SkilledTradesBC Certificate of Completion – C of Q Hairstylist Foundation 	<ul style="list-style-type: none"> sincere interest in hair grade 10 completion plus English Language Arts 11 intention to graduate fully proficient in English language interest in working with people commitment to learning the skills, knowledge & attitudes required to be a successful hairstylist

Piping/Plumbing partnered with BCIT at Langley Secondary School

Program Length and Dates	What do you learn?	What do you leave with upon successful completion of the program?	What do you need to get into the program?
<p>2 semesters</p> <p>Feb to following Jan</p> <p>for grade 11 and 12 students</p>	<p>Skills and knowledge to start working in the piping trades: plumbing, steam fitting and sprinkler fitting.</p>	<ul style="list-style-type: none"> credit for 9 courses (36 credits) Level I piping trades apprenticeship training substantial practical work experience in the field BCIT's Certificate of Trade Training in Piping Foundation SkilledTradesBC Registration 	<ul style="list-style-type: none"> grade 10 completion plus any Math 11, English Language Arts 11, Science 11 intention to graduate genuine interest in piping/plumbing commitment to learning the skills, knowledge and attitudes required to do well in the field

Electrical partnered with BCIT at BCIT's Satellite Campus located at DW Poppy Secondary

Program Length and Dates	What do you learn?	What do you leave with upon successful completion of the program?	What do you need to get into the program?
<p>1 semester</p> <p>24-week program</p> <p>Feb to July</p> <p>for grade 12 students</p>	<p>Skills and knowledge to start working in the electrical trade:</p> <p>Planning, assembling, installing, testing, repairing and maintaining electrical equipment and systems.</p>	<ul style="list-style-type: none"> BCIT's Electrical Foundation Certificate of Trades Training 18 credits (6 courses) of secondary school graduation credit Technical training for SkilledTradesBC Level 1 Apprenticeship Electrician 	<ul style="list-style-type: none"> genuine interest & drive to become an electrician intention to graduate commitment to learning the skills, knowledge & attitudes required to do well in this field Foundations of Math 12 or Pre-Calc 12 & Physics 11, English Language Arts 12

Landscape Horticulture Apprenticeship partnered with KPU located at KPU Langley Campus

Program Length and Dates	What do you learn? Landscape Horticulturalist	What do you leave with upon successful completion of the program?	What do you need to get into the program?
<p>1 semester</p> <p>6 weeks of Level 1 training plus 13 weeks of paid work experience</p> <p>Feb – April</p> <p>For grade 11 & 12 students</p>	<p>Skills & knowledge needed to complete Level 1 Apprenticeship technical training. Included are botany, soils, plant identification, pest management & practical skills:</p> <p>to use equipment, to conduct basic engine maintenance, to calibrate fertilizer spreaders, to make pruning cuts and to work as part of a horticulture maintenance team.</p>	<ul style="list-style-type: none"> dual credit at the Gr. 12 level for 2 or 4 high school courses credit for Level 1 Landscape Horticulture Apprenticeship SkilledTradesBC registration Kwantlen student transcript and registration 	<ul style="list-style-type: none"> good attitude and genuine interest ability to learn through both "reading" & "doing" physically able to do the work English Language Arts 10 (2 modules required) & Math 10 grade 10 completion recommended desire to work and attend school during the semester

Professional Cook 1 partnered with VCC located at Walnut Grove Secondary School

Program Length and Dates	What do you learn?	What do you leave with upon successful completion of the program?	What do you need to get into the program?
<p>Full school year Sep to June</p> <p>For Grade 12 students (some skilled Grade 11 students may be considered)</p> <p>Program runs Mon – Thurs 2:30 – 7:30PM plus work experience outside class time</p>	<p>Skills and knowledge required to succeed in a range of industries; including restaurants, hotels, institutional kitchens & catering operations.</p> <p>Substantial hands-on and theoretical knowledge to work effectively in a food service environment.</p>	<ul style="list-style-type: none"> credit for at least 8 high school courses (32 credits) in Cook Training and work experience Certificate of Qualification – C of Q Professional Cook 1 SkilledTradesBC certification VCC certificate practical work experience in the field SkilledTradesBC registration 	<ul style="list-style-type: none"> good attitude and genuine interest in working in the culinary industry physical ability to safely use knives and other related kitchen tools <p>Entrance Requirements:</p> <ul style="list-style-type: none"> fully proficient in the English language completion of Grade 11 FoodSafe certification by May 2024 one of the following school courses: Cafeteria or Cook Training, Food Studies 11/12 <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> paid or volunteer food preparation work in a restaurant, catering business or professional kitchen

2024 - 2025 Academic Dual Credit

Early Childhood Education partnered with University of the Fraser Valley and Abbotsford School District

Program Length and Dates	What do you learn?	What do you leave with upon successful completion of the program?	What do you need to get into the program?
<p>2 semesters</p> <p>Sept to June</p> <p>For grade 12 students</p>	<p>Students can earn post-secondary credits towards a university program.</p> <p>Students complete course requirement to become an Early Childhood Education Assistant and earn post-secondary credits towards the Early Childhood Education Certificate.</p>	<p>Students can apply for the Early Childhood Assistant Certificate and earn 12 credits towards the Early Childhood Education Certificate.</p>	<ul style="list-style-type: none"> Completed English 11 Grade 12 student Recommended C+ or higher in English 10 and Math 10 Intention to graduate

Introduction to Health Science partnered with Kwantlen Polytechnic University

Program Length and Dates	<i>What do you learn?</i>	What do you leave with upon successful completion of the program?	<i>What do you need to get into the program?</i>
<p>1 semester</p> <p>July to August</p> <p>For grade 11 students</p>	<p>Students can earn post-secondary credits.</p> <p>Students will be introduced to the multifaceted field of health science and the foundations of promoting health and wellness.</p>	<p>Students will:</p> <ul style="list-style-type: none"> • Learn about health science from a variety of perspectives • Gain knowledge of post-secondary expectations • Increase communication and interpersonal relations 	<ul style="list-style-type: none"> • Completed Grade 11 • Recommended B or higher in English Language Arts 10 and Math 10 • Require this course as part of an intention to pursue a career in health care/health science with a focus on nursing

EXTERNAL CREDENTIALS

Please note: The External Credentials Program is currently under review. In the meantime, the program is still active and all existing external credentials are available to students.

Ministry Approved Credentials

An external course is an organized set of learning activities developed and/or offered outside the BC school system that has been Ministry-authorized and set out in the Graduation Requirements Order.

The following is a partial list of external courses for which students can receive credit:

- Music: B.C. Conservatory of Music, Conservatory Canada, Royal Conservatory of Music, Victoria Conservatory of Music, Trinity College: London
- Dance: Royal Academy of Dancing, Imperial Society of Teachers of Dancing, British Association of Teachers of Dancing
- Languages: External Assessments and Certificates
- Sport: Athlete, Coach, Official
- Youth Development: Cadets, 4-H, Guides, Scouts, Pony Club
- Industrial and Occupational: Tourism, Woodlinks Products, Lifesaving, Water Safety, First Aid, Computer Certification, Driver Education, Flight Training

To find out more information about External Courses, contact a counsellor or take a look at the following Ministry of Education website: <http://www.bced.gov.bc.ca/graduation>

SCHOLARSHIPS & BURSARIES

www.sd35.bc.ca/students-parents/scholarship-information/

Scholarships and bursaries are awarded on the basis of scholastic achievement, community involvement, and need. If you are planning to continue your education after high school graduation, you may qualify for a scholarship or bursary.

Many scholarships are awarded on the basis of future areas of study. Businesses, business organizations, and individuals offer scholarships to promising students in their fields of work. You do not have to be an “A” student, but you do have to demonstrate a willingness to work towards a specific goal.

Other scholarships are awarded on the basis of parents’ occupations. Unions and professional organizations often have scholarship funds set up to help the children of their members. The following is a brief overview:

Grade 12 Scholarships and Awards Types

Basic eligibility requirements are:

- Grade 12 Student
- Canadian Citizenship or Permanent Resident
- Must have a Social Insurance Number

1. BC Achievement Scholarships

BC Achievement Scholarships recognize the 8000 top graduates in the Province. The Ministry will determine recipients based on students’ achievement in Grades 10, 11, and 12 courses (including elective courses). A cumulative average percentage will be calculated and form the basis for determining winners who receive a \$1250 scholarship voucher. Students do not apply to this scholarship.

2. District/Authority Scholarships

There are 5500 District/Authority Scholarships distributed across school districts and independent school authorities that recognize graduating B.C. students for excellence in their chosen area of interest or strength. Winners will receive a \$1250 scholarship voucher to use towards their post-secondary tuition.

Students can apply for this scholarship using the Langley Local and Open Awards application package available from the counselling office in January.

Qualifying for a District/Authority Scholarship

To receive a scholarship, a student must apply and:

- ☐ Meet the basic eligibility requirements
- ☐ Meet criteria determined by the local scholarship committee, which requires a student to demonstrate outstanding achievement in any of the following areas:
 - ☐ Indigenous Languages and Culture, (demonstrated at school or in the community)
 - ☐ Fine Arts (e.g. Visual Arts, Dance, Drama, Music, Photo, Creative Writing, Film)
 - ☐ Applied Skills (e.g. Business Ed, Tech Ed, Home Economics, Computers)
 - ☐ Physical Activity (e.g. National/Provincial Athlete, PHE 11/12, Dance, Gymnastics)
 - ☐ International Languages (Languages besides English through course work or external assessments, including AP and IB)
 - ☐ Community Service (Volunteer Activity, not related to course work, including demonstration of local and global issues and cultural awareness), which includes demonstration of local and global issues and cultural awareness

- ☐ Technical and Trades Training (e.g. Carpentry, Automotive, Metalwork, Drafting, Cook Training, not Work in Trades Programs)
- ☐ Students MUST APPLY to be considered for a District Authority Scholarship

Note: Graduating Youth TRAIN in Trades students must apply at the school they are enrolled in in September of their graduating year

3. Langley Local & Open Awards

The Langley Scholarship Committee administers funds collected from various individuals, firms or service clubs to be given to grade 12 students proceeding to post-secondary training. These funds are given as scholarships or bursaries. Scholarships and bursaries are awarded on the basis of marks, extracurricular activities, need and good character. Some awards require specific criteria, but the general qualifications are as follows:

- ☐ completion of an application form before February 28, 2023
- ☐ completion of 12 courses numbered 11 or 12
- ☐ a minimum of 67% in the best 12 grade 11 or 12 courses
- ☐ attendance at a post-secondary institution within 2 years

Approximately 60 awards are available for students in all Langley schools. In addition, approximately 40 awards are available to only Aldergrove students. Students who win other major scholarships may be restricted in the amount of local scholarships they can win to allow other students to access some awards. These awards are presented in June, but students will not receive the money until they are actually attending a post-secondary school.

Applications are due February 28, 2023. *One general application form registers the student for all these awards.*

4. Post-Secondary Awards

Please refer to individual institution calendars for the list of available scholarships, bursaries or loans. Entrance scholarship applications for post-secondary institutions are available online. Also, check each university website for private bursaries and awards. Application forms are available online from the institution.

5. Other Scholarships

Information on other scholarships are updated on the district website at

<https://www.sd35.bc.ca/students-parents/scholarship-information/scholarships-awards/>. Examples of scholarships available from this category are:

Terry Fox Humanitarian Award; Loran Scholars Award; Schulich Leader Award

You may also check <http://www.scholarshipscanada.com>

<http://yconic.com>

<http://www.bcscholarships.ca>

<https://scholartree.ca>

Follow on ACSS Careers on Twitter for more Scholarship and Post-Secondary information, campus tours and other announcements from the Career Centre.

STUDENT ASSISTANCE PROGRAM

Any student attending a post-secondary institution can apply for aid in the form of loans from the B.C. Student Assistance Program. The student assistance program is offered by the Provincial Government for students who can show financial need while continuing their post-secondary studies. Students applying must be prepared to state their families' financial background. You will be requested to supply information in areas like family income, personal income, number of dependents in the family, etc.

The application package for taking advantage of this program is available online at **www.studentaidbc.ca** or from the Financial Aid Officer of the post-secondary institution to be attended. These should be completed starting May of your grade 12 year.

POST-SECONDARY INFORMATION

After graduation, students have several options:

- Enter the Work Force: We suggest a visit to our Career Centre to explore fields of employment that do not require further schooling.
- Specialized Training: This may involve short-term coursework (6 weeks – 6 months) at a private training centre or a community college. Again, our Career Centre has a great deal of valuable information available for students.
- University: Counsellors or the Career Advisor can be consulted for help in choosing a university to research. Please check the university websites for on-line registration, programs, and admission requirements. Scholarship opportunities and campus housing information are also found on this website.

We highly recommend the site www.educationplannerbc.ca as a resource for students and parents to research post-secondary options.

General University Program Requirements (Entrance requirements vary significantly for different Post-Secondary Institutions). Please check the institution's website!

Science Students Science 12 Entrance Requirements: One of Anatomy & Physiology 12, Chemistry 12 or Physics 12. Future Science Students are encouraged to take all their grade 12 Science courses. While not all courses are required for admittance to each Science program, these grade 12 Science classes (Anatomy & Physiology 12, Chemistry 12 and Physics 12) all need to be taken as pre-requisites for taking the first year University level course in each subject field. Please research each university, some programs require more grade 12 Science classes than others.

Students applying to science programs must have a minimum of Pre-Calculus 12 with Calculus 12 (strongly recommended). A second language 11 course may be required.

Some computer engineering programs require Chem and physics 12 specifically. But most GENERAL science only needs one of science 12.

Arts Students must have English 12 and at least three to four other academic grade 12 courses (depending on the institution), and a second language 11 or 12 may be required for admission or for degree completion. **Please check the institution's website!**

Technical Students

An appointment with a counsellor, career advisor or a visit to the appropriate website is strongly advised. **Please check the institution's website!**

It is crucial that students meet enrollment deadlines for post-secondary applications. As deadlines vary from institution to institution, students must be aware of important deadlines. Please consult each school's website for admission deadlines.

Check the university websites for changes and current information.

A little research goes a long way in securing sound choices for the future.