



SARDIS
SECONDARY SCHOOL
2026-2027
COURSE CALENDAR



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BC First Peoples 12	Intro Metal
Comparative Cultures 12	Intro Woodwork
Comparative World Religions 12	Introductory Drafting & Design
Contemporary Indigenous Studies 12	Machining and Welding 12
	Mechanical Engineering 1/2
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	Power Technology 9
	Robotics 9-11
	Train in Welding A/B/C/D
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GRADUATION PROGRAM

STUDENTS ARE REQUIRED TO COMPLETE A MINIMUM OF 80 CREDITS IN GRADES 10-12 TO FULFILL THE GRADUATION REQUIREMENTS.

52 REQUIRED CREDITS

- A Language Arts 10 (two 2-credit courses, taken in one block)
- A Language Arts 11 (4 credits)
- English Studies 12 or English First Peoples 12 (4 credits)
- Social Studies 10 (4 credits)
- A Social Studies 11 or 12 (4 credits)
- Science 10 (4 credits)
- A Science 11 or 12 (4 credits)
- A Mathematics 10 (4 credits)
- A Mathematics 11 or 12 (4 credits)
- Physical and Health Education 10 (4 credits)
- An Applied Design, Skills, and Tech course (4 credits)
- Career-Life Education (4 credits)
- Career-Life Connections (4 credits)

28 REQUIRED ELECTIVE CREDITS

- Minimum of 28 elective credits
- 12 of these credits must be at the Grade 12 level

PROVINCIAL ASSESSMENTS

Prior to graduation, all students must write the Numeracy 10 assessment, the Literary 10 assessment, and the Literacy 12 assessment.

Each student has up to three opportunities to write each assessment. The highest mark achieved will be recorded on the student's final transcript in Grade 12

4 CREDITS OF INDIGENOUS-FOCUSED COURSE WORK

At SSS we offer 6 options for students to choose from: BC First Peoples 12, Contemporary Indigenous Studies 12, English First Peoples 10, 11, and 12, and Halq'eméylem 11. These credits can also count for other graduation requirements.

COURSE PLANNING

This Course Calendar outlines all courses offered at SSS. Students are to study this booklet and discuss their potential course selections with their teachers, counsellors, and parents. **All students must complete a course selection form with final selections. Students are urged to check Post-Secondary Entrance requirements when selecting courses.**

This selection phase is of utmost importance as the tallies gathered from the students' choices determine the classes offered for the next year. Every effort is made to enable students to get their chosen courses. However, due to timetable constraints, sometimes alternate course selections are used.

COUNSELLING SERVICES

Counsellors are available on an appointment basis. Students are assigned to counsellors alphabetically by last name. Please email your counsellor to set up an appointment. Students who are planning on enrolling at a post-secondary institution must check their entrance requirements. Universities have different requirements, so please be careful to check the institution you want to attend.

A-D	Calvina Moffat	calvina_moffat@sd33.bc.ca
E-K	Austina Fawcett	austina_fawcett@sd33.bc.ca
	Chris Olafson	chris_olafson@sd33.bc.ca
L-R	Elaine Reitsma	elaine_reitsma@sd33.bc.ca
S-Z	Jenna Clayton	jenna_clayton@sd33.bc.ca

CAREER CENTRE

The Career Centre is located in room B214 and is a valuable source of career and post-secondary information for all students. It is a centre where students, parents, and teachers can access post-secondary, scholarship, work experience, volunteer placements and other sources of career-related planning information.

POST SECONDARY PLANNING:

Our Career Advisor, Mrs. Christensen, is available to help with post-secondary planning; students can drop in with a question or book an appointment using this link:

[Https://outlook.office.com/bookwithme/user/230f8a7181064506968221f915c048dd%40sd33.bc.ca?anonymouse&ismsaljsauthenabled=true](https://outlook.office.com/bookwithme/user/230f8a7181064506968221f915c048dd%40sd33.bc.ca?anonymouse&ismsaljsauthenabled=true)

Up to date scholarship information, can be found on the Sardis Secondary website under the student information tab. (<https://sardissecondary.sd33.bc.ca/scholarships-and-post-secondary-planning>)

Career Advisor: Lori Christensen lori_christensen@sd33.bc.ca

WORK EXPERIENCE:

Work experience allows students to connect what they learn in the classroom with the skills and knowledge needed in the workplace and society. Students can use Work Experience to explore careers, to earn credits toward graduation, and to apply for community bursaries and scholarships. Work Experience also helps young people build a strong network of community contacts and references. 30 hours of work experience is also needed for graduation.

See page 70 of this course calendar for more information.

WEX Facilitator: Amber Ellert amber_ellert@sd33.bc.ca

CAREER LIFE – 8 Credits Required for Graduation

Career Life Education (CLE) and Career Life Connections (CLC-12A and 12B) are required courses under the Graduation Program. At Sardis Secondary we split these courses up over grades 10-12. In grade 10 and 11, students will be pulled from several classes throughout the year to complete CLE 10 (4 credits) in grade 10 and CLC 12A (2 credits) in grade 11. In grade 12, students will complete the final component of Career Life (CLC 12B) for the final 2 credits. Students do not need to select these courses as they will be automatically added as additional courses to your schedule. Topics covered include career planning, networking career relationships, creating balance between career and personal well-being, and fostering a desire for life-long learning. As part of this course, students will be required to demonstrate their personal learning through a capstone project which will be presented to a staff member.

FOCUS BLOCK

The FOCUS block is time to complete a 2-credit course throughout the school year. Students select an option from courses offered which are designed to enhance, enrich, and extend student learning opportunities on a variety of topics. Students do not select this block with their other course selections in February. A separate process will take place in September to select the course students will complete during FOCUS time. FOCUS blocks will take place on Wednesdays throughout the school year.

EXTERNAL COURSE CREDITS

Students can earn credit for accomplishments outside the regular classroom setting. Examples: Young Drivers Certificate, Bronze Cross, Royal Conservatory of Music, BC Rep Sports Teams. For a full list of creditable activities and the specific requirements necessary, please refer to the Ministry website at:

http://www.bced.gov.bc.ca/graduation/ext_credentials/ext_cred.php

Students must provide their school counsellor with the original certificate or letter for credit to be added to their ministry transcript.

SPECIALTY PROGRAMS

ADVANCED PLACEMENT COURSES

AP courses are usually taken in Grade 12 and are taken either concurrently with the grade 12 level Ministry course, in a 'combo' format, or following completion of the grade 12 level Ministry course. Students are encouraged to write the AP examination in May at a cost of \$125. The courses are 1st year university level in content. **Reasons to take AP:**

- They are challenging and provide enrichment to the regular program.
- Since they conform to international standards, some post-secondary institutions prefer their applicants to take AP courses.
- Because they are 1st year university level courses, students completing them find the transition to first year post-secondary workload easier.

Note: since AP courses require considerable extra effort, they should only be taken by those who have a keen interest in, and ability for, the subject.

For more information, see your school counsellor or current teachers. AP courses are offered for **Biology, Calculus AB, Chemistry, Physics, Music Theory, English Literature & Composition, and Psychology.**

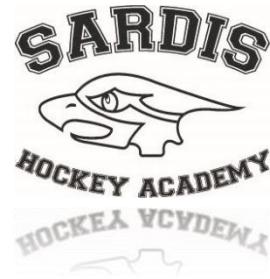
HOCKEY ACADEMY

Hockey skills development program is for students who have a passion for hockey. This linear, year-long program is open to male and female students of any skill level who want to improve their hockey skills for either recreational or competitive goals. Students will participate in three on-ice and two off-ice development sessions per week from September – June.

Skill development and hockey specific training (on and off ice) include: individual (stick, possession, passing, power skating, shooting, checking) and team (play, transition, special teams) hockey offensive and defensive skill, agility, balance, cardio, muscular strength and endurance, nutrition, and leadership. Academic support and learning style assessment are also components of the program, as is viable post-secondary planning, including NCAA Division I & II, CIS and Canadian College levels.

Application can be downloaded at: www.sardissecondary.ca. There is a mandatory, on-ice skill assessment for all applicants prior to acceptance. In addition, all applicants must be currently active at a minimum of CHWK Minor Hockey House level.

PHE 10 and/or CLE 10 course requirements may be met within the program. Students will demonstrate athletic, academic and personal growth each year.



TRAIN IN TRADES WELDING PROGRAM

- Speak with Mr. Jones and/or your counsellor for more information
- See p.68 for a program description.

GRADE 9 COURSE PLANNING

All Grade 9 students need to take the following:

1. English 9	5. Math 9
2. Social Studies 9	6. Elective
3. Science 9	7. Elective
4. Physical and Health Education (PHE) 9 (choose one option)	8. Elective

* Grade 9 students can take additional grade 10 & 11 courses if the prerequisites are met

English 9

Social Studies 9

Science 9

PHE Options

PHE 9
PHE 9 Alt Delivery
PHE Leadership 9 (application)
PHE Basketball 9
PHE Soccer 9
PHE Volleyball 9
PHE Football 9
PE Hockey Skills/PE Hockey
Theory 9 (application)
PHE Swimming and Lifesaving (application)

Math

Mathematics 9

Languages

French
German
Spanish
Halq'emeylem

Music

Concert Band 9
Concert Choir 9 (OOT)
Drumline 9 (OOT)
Guitar 9
Jazz Band 9 (OOT)
Pit Band Orchestra 10
String Orchestra 9

Performing Arts

Dance Foundations 9
Drama 9
Film & Television 9
Theatre Production 9
Musical Theatre 9 (by audition; OOT)

Tech Ed

Power Technology 9
Automotive 10
Introductory Drafting &

Design

Introductory Woodwork
Robotics 9

Art

Visual Arts 9

Home Economics

Food Studies Beginner
Textiles 9
Textiles Arts and Crafts

Human Services

Leadership 9 (requires application)

Business

Business Computer Applications
Entrepreneurship and Marketing 10

French Immersion

Francais Langue 9
Éducation Physique et Santé 9
Sciences Humaines 9

GRADE 10 COURSE PLANNING

All Grade 10 students need to take the following:

1. English 10 (choose option)
2. Social Studies 10
3. Science 10 or Science 10 Honours
4. Math 9 (choose option)
5. Physical and Health Education (PHE) 10 (choose option)
6. Elective
7. Elective
8. Elective

* Grade 10 students can take additional grade 11-12 courses if the prerequisites are met*

Language Arts Options

English 10 Creative Writing & Composition
English 10 Literary Studies & Composition
English 10 First Peoples & Composition

Social Studies 10

Science Options

Science 10
Science 10 Honours

Math Options

Foundations & Pre-Calculus 10
Foundations & Pre-Calculus 10 Honours
Workplace Math 10

PHE Options

PHE 10
PHE 10 Alternate Delivery
PHE Basketball 10
PHE 10 Health & Fitness
PHE Leadership 10 (application)
PHE Soccer 10
PHE Volleyball 10
PHE Football 10
PHE Hockey Skills 10/ PHE Hockey Theory 10 (application)
PHE Swimming and Lifesaving

Art

Animation Level 1
Art Studio Level 1
Ceramics Level 1
Drawing & Painting Level 1
Graphic Arts Level 1
Photography Level 1

Business

Entrepreneurship & Marketing 10

Computers

Computer Studies 10

Home Economics

Food Studies
Culinary Arts 10
Textiles 10

Human Services

Leadership 10 (application)
Indigenous Leadership 10 (requires application)

Languages

French
German
Spanish
Halq'eméylem

Music

Concert Band 10
Concert Choir 10 (OOT)

Drumline 10 (OOT)

Guitar 10
Jazz Band 10 (OOT)
Music Composition 10
Pit Band Orchestra 10
Recording Arts 10
String Orchestra 10

Performing Arts

Dance Foundations 10
Film & Television 10
Theatre Performance 10
Theatre Production 10
Musical Theatre 10 (by audition OOT)
Recording Arts 10
Music Composition 10
Vocal Jazz 10

Tech Ed

Automotive 10
Architecture Level 1
Mechanical Engineering Level 1
Introductory Drafting & Design
Introductory Metal
Introductory Woodwork
Robotics 10

French Immersion

Francais Langue 10
Sciences Humaines 10

GRADE 11 COURSE PLANNING

All Grade 11 students must take the following:

1. English 11 (choose option)
2. Social Studies 11/12 (choose option)
3. Math 11 (choose option)
4. Science 11/12 (choose option)
5. Elective
6. Elective
7. Elective
8. Elective

*If you have failed, or not taken all the required Grade 10 courses, you MUST choose them as courses.

*Grade 11 students can take additional grade 12 courses if the prerequisites are met

Language Arts Options

English 11 Composition
English 11 Creative Writing
English 11 First Peoples
Literary Studies & Writing
English 11 Literary Studies

Social Studies Options

20th Century World History 12
BC First Peoples 12
Comparative Cultures 12
Comparative World Religions 12
Contemporary Indigenous Studies 12
Economic Theory 12
Human Geography 12
Law 12
Philosophy 12
Political Studies 12
Social Justice 12

Mathematics Options

Foundations of Math 11
Pre-Calculus 11
Workplace Math 11

Science Options

Environmental Studies 11
(Agriculture 11)
Biology 11/Environmental Studies (Double Block)
Biology 11 - Life Sciences
Biology 11 Honours - Life Sciences
Chemistry 11
Chemistry 11 Honours
Earth Science 11
Physics 11
Specialized Science 12
(Science and Tech)

Art

Animation
Art Studio
3D Ceramics
2D Drawing & Painting

Graphic Arts

Photography
Yearbook 11

Business

Accounting 11
Business Computer
Applications 11
Keyboarding 11
Marketing & E- Commerce 11

Computers

Computer Programming 11

Home Economics

Food Studies
Culinary Arts 11/Culinary Arts Leadership 11
Textiles 11
Textiles Arts and Crafts 11
Family Studies 11

Human Services

Introduction to Counselling 11
Leadership 11 (application)
Mindfulness and Movement 11
Psychology 11
Peer Tutoring 11 (application)
Health Services 11
Criminology 11

Languages

French
German
Spanish
Halq'eméylem
Languages, Culture & Travel 11

Music

Concert Band 11
Concert Choir 11 (OOT)
Guitar 11
Jazz Band 11 (OOT)
Music Composition 11
Recording Arts 11

String Orchestra 11

Performing Arts

Broadcast Media Production 11
Choreography 11
Dance Foundations 11
Film & Television 11
Theatre Production 11
Theatre Performance 11
Musical Theatre 11 (By Audition OOT)

PHE

Health & Fitness 11
PHE Active Living 11
Strength & Conditioning 11
Strength & Conditioning 11 (OOT - before school)
Strength & Conditioning 11 (OOT - after school)
Swimming & Lifesaving 11 (application)
PHE Leadership 11 (application) (OOT)
PHE Basketball 11
PHE Soccer 11
PHE Volleyball 11
PHE Football 11
PHE Hockey Skills 11/PHE Hockey Theory 11 (application)

Tech Ed

Automotive Technology 11
Architecture
Mechanical Engineering
Metal 11
Woodwork 11
Home Renovation & Repair 11
Robotics 11

French Immersion

Francais Langue 11
Explorations en Sciences Humaines et Sociales

GRADE 12 COURSE PLANNING

All Grade 12 students need to take the following:

1. English 12 **or** English First Peoples 12
2. Grade 12 Elective
3. Grade 12 Elective
4. Grade 12 Elective
5. Elective
6. Elective
7. Elective
8. Elective

*CLC 12 is an out of timetable graduation requirement that will be added for all grade 12 students

* Must choose any Grade 10/11 required courses you have failed or not yet taken

Art

Animation
Art Studio
Ceramics
Drawing and Painting
Graphic Arts
Photography
Yearbook

Business

Accounting 12
Business Computer App. 12
Business Info Management 12
Marketing & E-Commerce 12
Tourism 12

English

English First Peoples 12
English Studies 12
AP English Lit & Composition 12
Creative Writing 12

Home Economics

Food Studies
Textiles
Baking 12
Culinary Arts 12
Fashion Industry 12
Housing & Living Environments 12

Human Services

Leadership 12
Peer Tutoring 12
Psychology 12
AP Psychology 12
Health Services 12A/B (application)
Into to Careers in Teaching 12
Criminology 11
Family Studies 12

Mathematics

Foundations of Math 12
Pre-Calculus 12
AP Calculus 12 AB
University Prep Math 12

Music

Concert Band 12
Concert Choir 12 (OOT)
Drumline 12 (OOT)
Guitar 12
Jazz Band 12 (OOT)
Music Composition 12
AP Music Theory 12
Contemporary Music 12
String Orchestra 12
Musical Theatre Pit Orchestra 12

Performing Arts

Broadcast Media 12
Choreography 12
Dance Foundations 12
Dance Company 12
Film & Television 12
Theatre Production 12
Theatre Production: Direct & Write 12
Theatre Performance 12
Musical Theatre 12 (OOT)

PHE

Health and Fitness 12
PHE Active Living 12
Strength & Conditioning 12
Strength & Conditioning 12 (OOT AM)
PHE Leadership 12
PHE Basketball 12
PHE Soccer 12
PHE Volleyball 12
PHE Football 12
PHE Hockey Skills 12/PHE Hockey Theory 12

Languages

French
German
Spanish
Halq'emeylem

Student Services

Guided Learning (application)

Science

Specialized Science 12
Biology 12
AP Biology 12
Chemistry 12
AP Chemistry 12
Environmental Science 12
Environmental Science 12/Concurrent Science Studies 12 (double block)
Physics 12
AP Physics 12

Social Studies

20th Century World History 12
BC First Peoples 12
Comparative Cultures 12
Comparative World Religions 12
Contemporary Indigenous Studies 12
Economic Theory 12
Human Geography 12
Law 12
Philosophy 12
Political Studies 12
Social Justice 12

Tech Ed

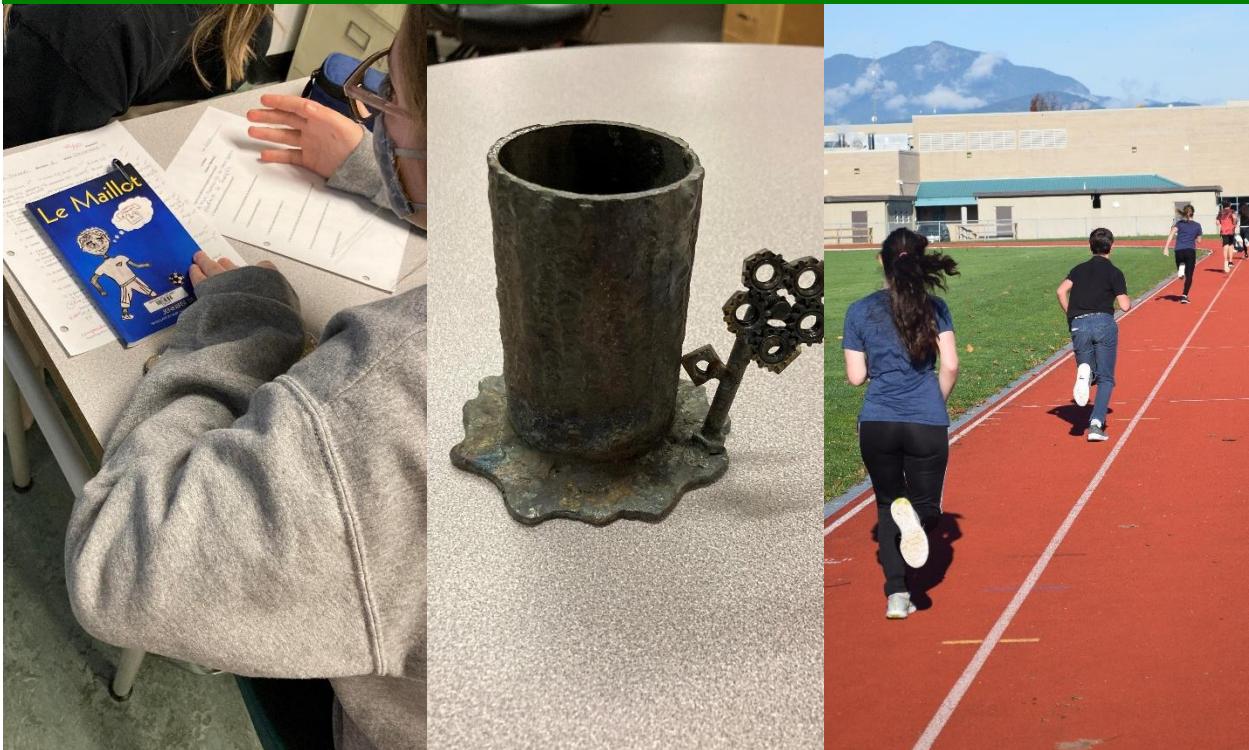
Automotive Technology 12
Auto Tech 12: Drivetrain
Auto Professionals 12
Architecture
Mechanical Engineering
Industrial Design, Engineering & Coding 12
Metal 12
Machining & Welding 12
Train in Welding (UFV)
Woodwork 12A
Woodwork 12B: Furniture & Cabinetry

French Immersion

Français Langue 12
Civilizations Comparées 12



COURSE DESCRIPTIONS



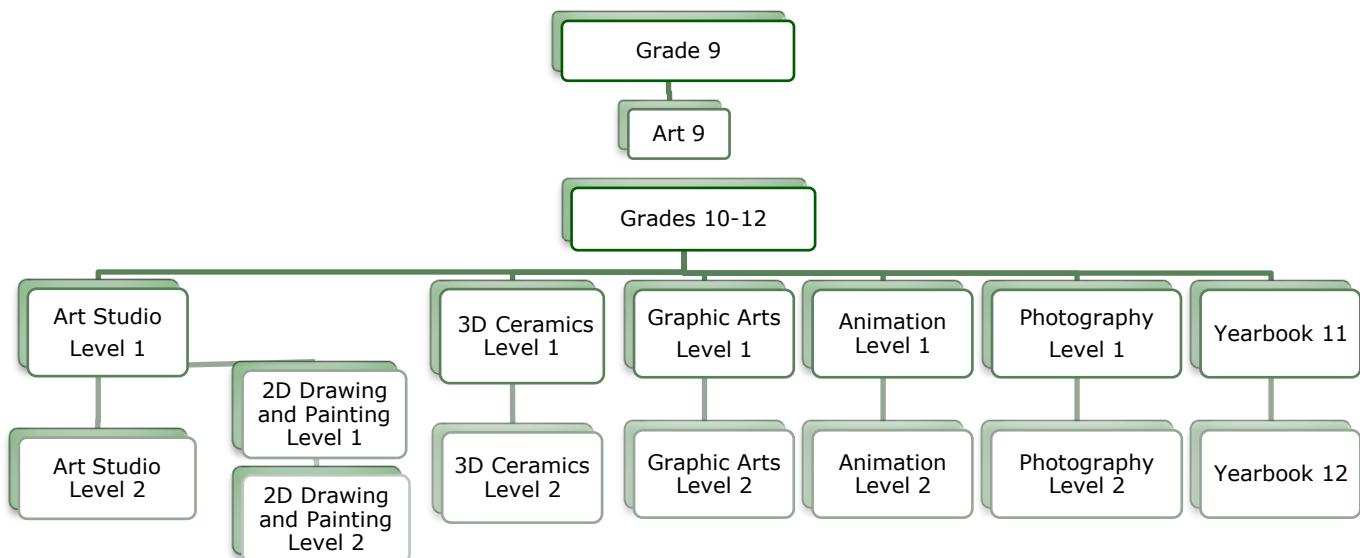


ART (AR)

GENERAL INFORMATION ABOUT THE VISUAL ARTS PROGRAM

The aim of the Visual Arts Program is to allow learners to experience the power, ideas, and emotions expressed in visual artwork by enabling them to perceive, react, create, and communicate visually. The Visual Arts Program offers a series of courses in both 2-dimensional and 3-dimensional media. Students may choose a specialization or a combination of courses to meet provincial credit requirements and electives. Within a specialization, courses are sequential & require the prerequisite noted. In all courses, evaluation for project-based assignments will reflect the level of effectiveness and competencies of students.

The Visual Arts Program will enrich students' understanding and appreciation of Art. For committed students, the art courses will prepare students for post-secondary studies. Careers in fine art, graphic design, animation, industrial design, interior design, or in the movie or game industries represent some of the opportunities available to students who study art.

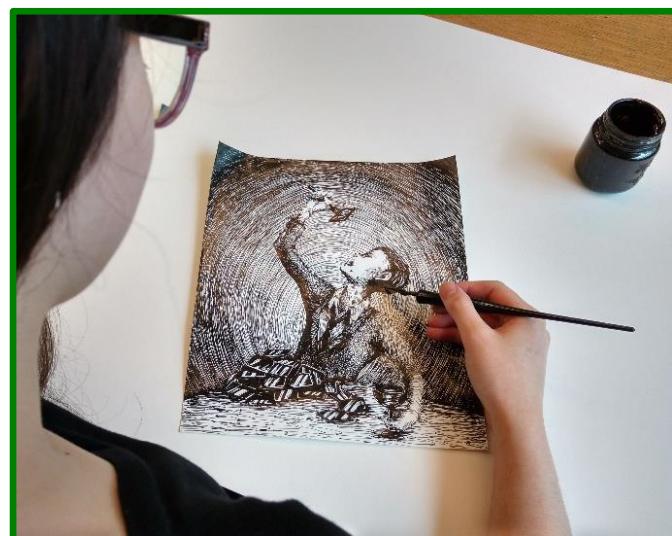


AR-VISUAL ARTS 9

Prerequisite: Open to students in Grade 9.

Designed to allow students to explore a variety of art methods, this course provides a good foundation for students planning to take further visual arts courses.

Students will explore their visual creativity through drawing, painting, printmaking, graphics, photography, sculpture, and ceramics



AR-ANIMATION LEVEL 1

Prerequisite: Open to students in Grades 10-12

Offered to meet the growing demand for animators from industries such as movie and television, computer, and video game design. This course content will include an introduction to storyboarding, background design, and 3D

modeling.

Two industry-standard software will be used for the completion of this course. The 2D unit will be completed using Adobe Animate. The 3D unit will be done using Blender

AR-ANIMATION LEVEL 2

Prerequisite: Animation Level 1

Adobe Animate and Blender programs will be used for more in-depth projects.

Students will be focusing on 3D character design including modeling and rigging, as well as animating it.

Independent work is encouraged at a more advanced level.

This is a good choice for student's interested pursuing animation at a post-secondary level.

AR-ART STUDIO LEVEL 1

Prerequisite: Open to students in Grades 10-12

Explore a variety of art methods while learning about the elements and principles of art and design. Use a variety of materials, strategies, techniques, and technologies that support creative processes.

Explore your creativity through drawing, painting, printmaking, sculpture, photography, and ceramics.

AR-ART STUDIO LEVEL 2

Prerequisite: Art Studio Level 1

Explore a variety of art methods while learning about the elements and principles of art and design. Continue to explore a variety of art methods such as: drawing, painting, printmaking, sculpture, photography, and ceramics.

Independent work is encouraged at a more advanced level.

AR-3D-CERAMICS LEVEL 1

Prerequisite: Open to students in Grades 10-12

Designed to allow students to specialize in three-dimensional art forms.

This course focuses on 3D ceramic sculpture, pottery – wheel throwing, hand building, sculptural forms using a variety of clay bodies, glazes, and surface techniques.

AR-3D-CERAMICS LEVEL 2

Prerequisite: Ceramics Level 1

Designed to allow students to continue to specialize in three-dimensional art forms.

This course builds upon and expands further on 3D ceramic sculpture, pottery – wheel throwing, hand building, sculptural forms using a variety of clay bodies, glazes, and surface techniques.

Independent work is encouraged at a more advanced level.

AR-2D-DRAWING & PAINTING LEVEL 1

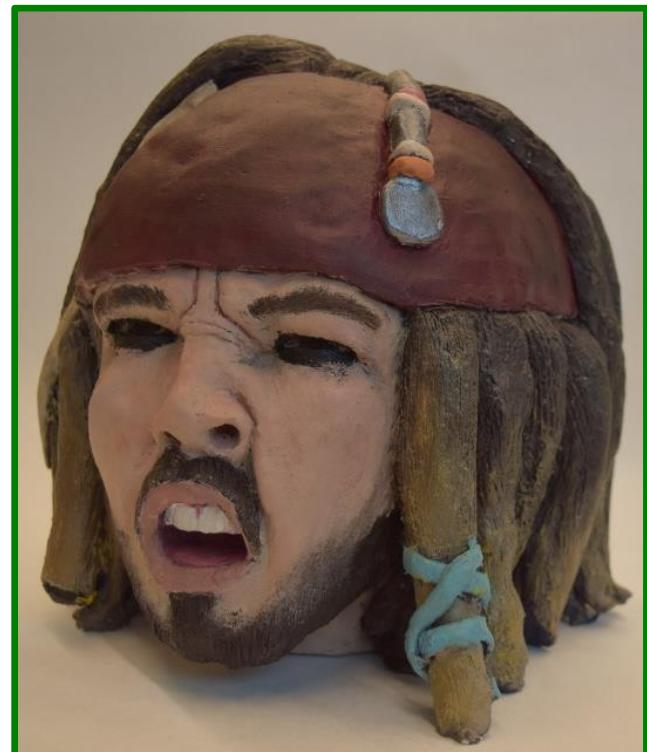
Prerequisites: Art Studio Level 1

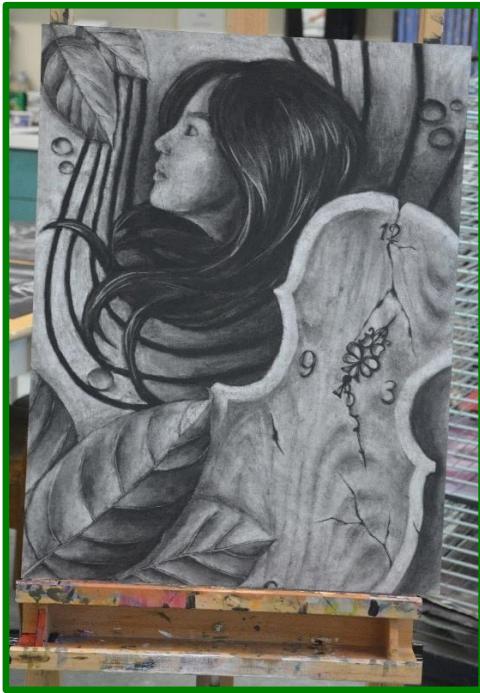
Create personally meaningful images through drawing and painting.

Explore a variety of sources, techniques, and strategies for image development and design. Apply visual elements and principles of design to your artwork.

Explore graphite, charcoal, pastel, pencil crayon, pen and ink, acrylic paint, and water colour techniques.

Evaluation: in class assignments, projects, sketchbook, and written self-evaluation.





AR-2D DRAWING & PAINTING LEVEL 2

Prerequisites: Drawing & Painting Level 1

Students will build on media techniques from Drawing & Painting Level 1 using graphite, charcoal, pastel, pencil crayon, pen and ink, acrylic paint, and water colour. Students will be encouraged to use critical thinking and problem-solving techniques in their artwork.

Evaluation: in class assignments, projects, sketchbook, and written self-evaluation.

AR-GRAFIC ARTS LEVEL 1

Prerequisite: Open to students in Grades 10-12. Some computer and art/sketching skills are helpful, but not necessary.

Students will be introduced to the principles of graphic design, digital illustration, and layout techniques. Students will explore various software tools, including Adobe Photoshop and Illustrator, to create visual content for print and digital media. The course emphasizes creativity and problem-solving. Through critiques and collaborative projects, students will develop their unique design style and enhance their visual communication skills.

AR-GRAFIC ARTS LEVEL 2

Prerequisite: Graphic Arts Level 1

Use the tools and design concepts covered in Graphic Arts 1 to work on projects that are more technically and conceptually advanced. Students will work on individual projects as well as group projects to solve creative challenges. Students will be given the opportunity to produce commercial works for various school and community publications. Evaluation will be project based and will require the student to keep a portfolio of the work they have done.

AR-PHOTOGRAPHY LEVEL 1

Prerequisite: Open to students in Grades 10-12.

Students will explore the art and techniques of photography. Students will learn about advanced camera controls, composition, and editing through hands-on projects and assignments. In addition, students will explore traditional darkroom techniques such as pinhole and film photography. The course emphasizes creativity, allowing students to express themselves through visual storytelling.



AR-PHOTOGRAPHY LEVEL 2

Prerequisite: Photography Level 1

This course is for students who have a foundational understanding of photography and wish to deepen their skills and creativity. The course covers advanced techniques in digital and film photography, including studio lighting, composition, and editing. Students will engage in individual and group projects, focusing on personal style development. Instruction will include critiques and discussions to foster a collaborative learning environment, enabling students to refine their artistic vision.

AR-YEARBOOK 11

Prerequisite: C+ average or better overall and teacher approval

For students who have an interest in photography resulting in professional production of the school's yearbook.

Includes a variety of experiences in writing, digital photography, and desktop publishing.

The production of the yearbook encourages critical thinking and problem solving and requires students to be willing to meet strict deadlines. This course is useful for students interested in careers in business or art as creativity and technology are applicable to both fields. Current software programs used are Adobe InDesign and Adobe Photoshop.

A great practical application course for students who want experience working with professional photography and publishing technology.

Evaluation: in class assignments that apply to design theory and technology; assigned pages, photography, and page caption composition.

AR-YEARBOOK 12

Prerequisites: Yearbook 11

Includes a variety of experiences in writing, digital photography, and desktop publishing.

The production of the yearbook encourages critical thinking and problem solving and requires students to be willing to meet strict deadlines. This course is useful for students interested in careers in business or art as creativity and technology are applicable to both fields. Current software programs used are Adobe InDesign and Adobe Photoshop.

A great practical application course for students who want experience working with professional photography and publishing technology.

Evaluation: in class assignments that apply to design theory and technology; assigned pages, photography, and page caption composition.

For students who have an interest in photography resulting in professional production of the school's yearbook.





BUSINESS AND COMPUTERS (BU)

BU-ACCOUNTING 11

Prerequisite: None. Open to Grade 10 – 12 students.

Introductory course, covering debit and credit theory, GST and PST, the accounting cycle, journal entries, ledgers.

Analyzing and interpreting financial statements and introduction to Simply Accounting Software. Evaluation on tests, quizzes, and daily work.

BU-ACCOUNTING 12

Prerequisite: Accounting 11

Enables students to use Simply Accounting to input, analyze, and report the finances of business. Usage of General Ledger, Accounts Payable, Accounts Receivable, Payroll, Inventory, and Job Cost Modules.

Evaluation on projects, daily work, and tests.

BU-BUSINESS COMPUTER APPLICATIONS 11

Prerequisite: None. Open to Grade 9-12 students.

Learn at your own pace, self-directed with multi-media lessons.

Learn Microsoft Word (intro): letters, mail merges, labels, tables, reports, resumes.

Learn Microsoft PowerPoint presentations (advanced): master pages, charts, kiosks, create professional presentations.

Learn Microsoft Excel (intro): spreadsheets used in business, banking, finance, real estate, etc.

BU-BUSINESS COMPUTER APPLICATIONS 12

Prerequisite: None. Open to Grade 10-12 students.

- Optional: Get your “Microsoft Office Specialist Certification” (Sardis is an official testing centre offering certification. This certification is industry standard and very expensive to receive if taken through colleges or private delivery methods)
- Like a grade 11 course (however you get grade 12 credit)
- Learn at your own pace, self-directed with multi-media lessons.
- Learn Microsoft Excel (Intermediate): employee scheduling, tracking expenses, payroll and deductions.
- Learn Microsoft Word (advanced): tables, logos, brochures, directory, columns.
- Learn Microsoft Access (intro): create tables and forms used to store records in a variety of businesses.

BU-BUSINESS INFORMATION MANAGEMENT 12

Prerequisite: None. Open to Grade 10-12 students.

- Optional: Get your “Microsoft Office Specialist Certification” (Sardis is an official testing centre offering certification. This certification is industry standard and very expensive to receive if taken through colleges or private delivery methods)
- Like a grade 11 course (however you get grade 12 credit)
- Learn Microsoft Access (intermediate to advanced): focus on database development using, easy to create interfaces constructed for schools, hospitals, restaurants, retail stores, etc. - valuable skills applicable to any business.
- Learn Microsoft Excel (Intermediate to advanced): mortgages, loans, investments, creating an inventory and custom programmable.

BU-ENTREPRENEURSHIP AND MARKETING 10

Prerequisite: None. Open to all students.

This course has been built to give any student the basics they need to know to start and build their own business. Students will learn how to design webstores, prototype products, design logos, and create advertisements. Students will also learn how to price products and run their own companies.

This course is for anyone who wishes to start their own business or is just interested in the business world.

BU-KEYBOARDING 11

Prerequisite: None. Open to all students.

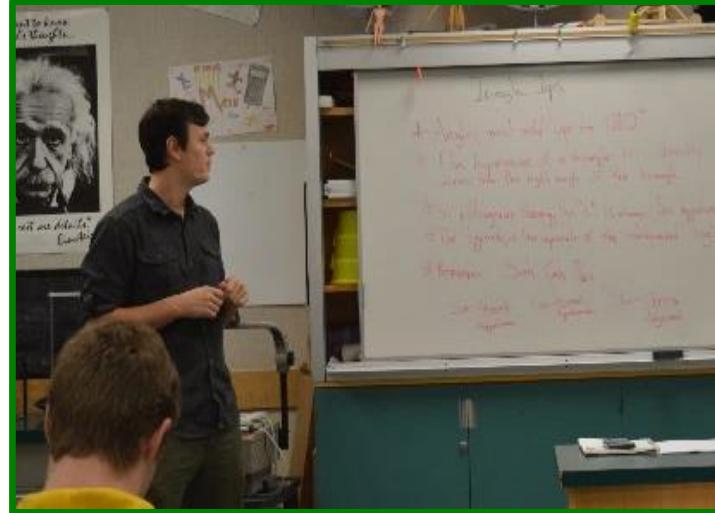
This course is designed to increase the typing speed of students of all experience levels. Typing speed is becoming increasingly important in school, university, and careers and this course intends to improve this asset. All students in this course gain free access to several costly typing programs throughout the length of the course.

BU-MARKETING AND ECOMMERCE 11

11

Prerequisite: None. Open to all students.

In this course, students will explore the “Four P’s of Marketing”: price, place, promotion, and product. Students will learn how to create their own website, 3D digital models, as well as video and print advertisements. This course is for anyone who plans on going to business in university, create their own business, or anyone who is interested in how the business world works.



BU-MARKETING AND ECOMMERCE 12

12

Prerequisite: None. Open to all students.

In this course students will continue to explore the “Four P’s of Marketing”: price, place, promotion, and product. This course focuses more on e-commerce and will expand student knowledge on creating a web store, building a franchise, and the psychology of business. This course is for anyone who plans on going to business in university, create their own business, or anyone who is interested in how the business world works.

BU-TOURISM 12

Prerequisites: None. Open to students in grade 10-12.

Tourism 12 focuses on local, provincial, national, and Indigenous tourism and hospitality industries. Career opportunities are vast and varied, with over 400 occupations under BC’s tourism and hospitality umbrella. Students will engage in core competency skills in relation to issues in tourism. The aim is to get students to understand the current opportunities and challenges that currently face tourism and to use the ADST design model to be able to predict future trends, opportunities, and work related to the tourism industry. Tourism is a course in the Applied Design, Skills, and Technologies Curriculum, which centers on applied design, design thinking principles, the acquisition of skills and the application of technologies. This approach helps to prepare students to work in the current and upcoming tourism environments.



COMPUTER SCIENCE (CS)

CS-COMPUTER STUDIES 10

Introduction to Computer Technology

Prerequisite: A “C+” average in Math 8 and Science 8.

This is an introductory course to computers and the uses in various industries

Students will gain introductory skills in: Programming, Coding, Microsoft Office, Video Game Design and Web Design/Development.

This computers course uses a blended learning approach with both online and in-class activities. Students will write and run code in the browser using Java, CodeHS, and Studio editor, working with both text-based and block-based programming. In class, students will collaborate with classmates. The course is highly visual, dynamic, and interactive, making it engaging for those new to computer science.

CS-COMPUTER PROGRAMMING 11

This programming course is designed for students who want to continue building their coding skills, as well as newcomers who did not get an early start. The course reviews key concepts from earlier learnings and then moves deeper into programming using JavaScript. Students learn through a blended model, completing web-based lessons, videos, discussions, and hands-on coding practices in the CodeHS and Studio editor. With over one hundred hours of practice, students strengthen their logical thinking and problem-solving skills. The course is highly visual, dynamic, and interactive, making it engaging for new coders.



ENGLISH (EN)

The English Department offers several pathways and a variety of equivalent course options in Grades 10-12; each offers a different focus within the English Language Arts curriculum. It is important that the students select courses based on their strengths and areas of interest. While successful completion of an English Language Arts course is required at each grade level, students may choose additional English 11 and 12 courses as electives.

EN-ENGLISH 9

Focuses on speaking, listening, and academic reading and writing skills.

Through exploration and reading of several genres of fiction, non-fiction, drama, and poetry, students will begin to learn to critically respond to literary elements in prose and poetry.

Students will be expected to begin developing sophisticated reading and writing skills for further development in grades 10-12.

EN-ENGLISH 10 CREATIVE WRITING AND COMPOSITION (4 CREDITS)

In the **Composition** component of this course, students will develop their academic writing skills through essay and paragraph composition, writing in a variety of modes and engaging in the processes of planning, editing, & refining their ideas for stylistic and grammatical clarity. The **Creative Writing** portion of the course provides students with opportunities to create imaginative and expressive texts for a variety of purposes and audiences. Students will sample the writing of published authors to enhance their own writing skills in genres such as short fiction, poetry, spoken word, drama, and creative non-fiction. Self and peer assessment in the form of writing workshops will develop students' abilities to draft, reflect, edit, and revise their own writing in preparation for the final Portfolio assessment of the course.

EN-ENGLISH 10 LITERARY STUDIES AND COMPOSITION (4 CREDITS)

- In the **Composition** component of this course, students will develop their academic writing skills through essay and paragraph composition, writing in a variety of modes and engaging in the processes of planning, editing, & refining their ideas for stylistic and grammatical clarity. The **Literary Studies** component of this course will focus on literature and the study of literature. Students will learn to critically respond to novels, short stories, poetry, drama, and non-fiction texts through close reading and analysis. Students will also contribute to reconciliation by building greater understanding of the knowledge and perspectives of First Peoples.



EN-ENGLISH 10 FIRST PEOPLES LITERARY STUDIES AND WRITING (4 CREDITS)

English First Peoples Literary Studies 10 is an exploration of authentic First Peoples' texts: novels, short fiction, non-fiction, poetry, drama, and other audio, visual, and digital media. This course is an opportunity for all students to engage with the experiences, knowledge, and perspectives of local, provincial, national, and international Indigenous peoples. Students will develop effective written and oral communication skills in various informal and formal formats to demonstrate understanding and critical thinking. Students will apply various reading strategies to comprehend texts and assess the impact of

literary elements. By demonstrating awareness and understanding of First Peoples' cultures, histories and worldviews, students will contribute to reconciliation. English First Peoples Literary Studies 10 fulfills the graduation requirement for Indigenous-focused coursework.

EN-ENGLISH 11 COMPOSITION (4 CREDITS)

Composition 11 will help students develop their writing, reading and thinking skills. This English course will draw from a variety of fiction and non-fiction texts to help students formulate and communicate their thoughts in a clear and organized manner. Possible areas of focus include expository, persuasive and narrative compositions, vocabulary, grammar, and the writing process. Students will also contribute to reconciliation by building greater understanding of the knowledge and perspectives of First Peoples

EN-ENGLISH 11 CREATIVE WRITING (4 CREDITS)

Creative Writing 11 provides students with in-depth opportunities to explore personal and cultural identities, memories, and stories in a wide range of genres, experimenting with, reflecting on, and refining their writing skills for various creative purposes & audiences. Students will develop their craft through the reading and study of a diverse selection of sample texts—written, visual, digital, and oral—as a framework for their own development as writers. Students will engage in processes of planning, drafting, work-shopping, editing, & revising to build a Portfolio of writing that represents their growth and development. Students will also explore text and story to deepen their understanding of the way language constructs personal, social, and cultural identity.

EN-ENGLISH 11 FIRST PEOPLES LITERARY STUDIES AND WRITING (4 CREDITS)

English First Peoples Literary Studies & Writing 11 is an exploration of authentic First Peoples' texts: novels, short fiction, non-fiction, poetry, drama, and other audio, visual, and digital media. This course is an opportunity for all students to engage with the experiences, knowledge, and perspectives of local, provincial, national, and international Indigenous peoples. Students will develop effective written and oral communication skills in various informal and formal formats to demonstrate understanding and critical thinking. Students will apply various reading strategies to comprehend texts and assess the impact of literary elements. By demonstrating awareness and understanding of First Peoples' cultures, histories and worldviews, students will contribute to reconciliation. English First Peoples Literary Studies 11 fulfills the graduation requirement for Indigenous-focused coursework.

EN-ENGLISH 11 LITERARY STUDIES (4 CREDITS)

Literary Studies 11 students will explore specific themes, periods, authors, or areas of the world through fiction and non-fiction works while continuing to develop their reading, writing, and grammar skills established in the Grade 10 English programs. Students will continue to closely read

appropriately challenging texts and analyze and respond to short stories, novels, poetry, drama, and non-fiction prose. Students are required to demonstrate mastery of several types of writing and employ a wide range of reading strategies. Students will also contribute to reconciliation by building greater understanding of the knowledge and perspectives of First Peoples.

EN-CREATIVE WRITING 12

Creative Writing 12 does not satisfy the English Language Arts graduation program requirement but is a grade 12 elective. This course is for grade 11 and 12 students who have a special interest and ability in writing. Students will look at what it takes to be a writer and be provided with opportunities to experiment with different genres of writing, workshop drafts in progress, and ready their writing for publication. Students will establish a writing community within the class through participation in ongoing workshop groups and tutorials of their works-in-progress. Evaluation will be based on assessment of skill-building assignments and developing work, production of a final portfolio, participation in workshop groups, and submission of several pieces of writing for publication.

EN-ENGLISH FIRST PEOPLES 12

English First Peoples 12 satisfies the English Language Arts graduation program requirement.

This course provides opportunities for all students to learn and engage with Indigenous creative expression and the cultures of First Peoples locally, provincially, nationally, and internationally. The course focuses on the study of authentic First Peoples' texts: written, oral, audio, visual, cinematic, and digital media works (long and short fiction, non-fiction, drama, poetry, song, film, podcasts, etc). Students will further develop their written and oral communication skills through exploration of themes, issues, and topics important to First Peoples. Students will also contribute to reconciliation by building greater understanding of the knowledge and perspectives of First Peoples. Like English Studies 12, EFP 12 meets the entrance requirements for the full range of post-secondary educational programs. English First Peoples 12 fulfills the graduation requirement for Indigenous-focused coursework.

EN-ENGLISH STUDIES 12

English Studies 12 satisfies the English Language Arts graduation program requirement.

Students will continue to develop and extend their previous learning in any of the grade 10 and 11 English course options by refining their comprehension and communication skills. Students will think critically and creatively about the uses of language while exploring novels, poetry, drama, short stories, and fiction and non-fiction sources. In exploring these different texts, students will deepen their understanding of themselves and others in a changing world while gaining insight into the diverse factors that shape identity. Students will also contribute to reconciliation by building greater understanding of the knowledge and perspectives of First Peoples.

EN-AP ENGLISH LITERATURE AND COMPOSITION 12 & ENGLISH STUDIES 12 (AELC-12)

Prerequisite: Any English 11 course

AP English 12 explores the exciting world of English literature, predominantly covering works from the Renaissance up until the modern day. This course surveys a wide variety of stories, such as the epic adventures of knights and heroes, the tragedy and comedy of Shakespeare's plays, the gothic horror and romance of Victorian fiction, and the thought-provoking social commentary of modern fiction. AP English 12 covers most types of literature, including novels, plays, poetry, and short fiction.

This course would appeal to students who have a love of reading and a desire to improve their abilities to think, discuss, analyze, and write about works they read in class. This course is also excellent preparation for students planning to attend a post-secondary institution. The reading and writing skills developed in this course will provide a strong foundation for studies after High School.

AP English 12 meets daily for the entire school year (one block per semester). There is an AP English Literature & Composition 12 exam in May, at the cost of approximately \$125 per student. It is this exam score that determines whether a student will be granted college-level credit. This exam does not affect students' school-based mark in any way. AP English 12 is an **8-credit course** that fulfills the learning outcomes of two courses: Advanced Placement Literature & Composition 12 and English Studies 12. This satisfies the Grade 12 English Language requirement.



HOME ECONOMICS (HE)

HE-FOOD STUDIES BEGINNER

Prerequisite: None. Open to all students.

Get cooking and baking in this beginner-friendly course where you'll learn the fundamentals of food preparation as you cook and bake a variety of sweet and savory dishes. From quick breads and cakes to soups, sauces, and fun design challenges, you'll pick up important skills that will help you in the kitchen and beyond. Along the way, you'll learn about kitchen safety, how to maintain a sanitary food environment, and how to keep yourself and your workspace organized while working with others. With lots of hands-on practice, you'll gain confidence while exploring the exciting world of food! Perfect for beginners who want to start cooking, baking, and mastering kitchen skills from scratch.

HE-FOOD STUDIES INTERMEDIATE

Prerequisite: Food Studies Beginner or any Culinary Arts Course. Open to students in Grades 10-12.

Ready to take your cooking skills to the next level? In **Intermediate Food Studies**, you'll dive deeper into the world of culinary arts and learn techniques to create food that looks and tastes amazing. Building on the basics from Foods 1, you'll explore flavors and ingredients from around the world and expand your culinary creativity. Along the way, you'll sharpen your kitchen and time management skills as you prepare and present delicious meals. You'll also discover the power of nutrition and how it impacts your health, while gaining valuable life skills that go beyond the kitchen. This course is perfect for students who are passionate about cooking and want to build on what they've already learned. Get ready to impress with your culinary creations!

HE-FOOD STUDIES ADVANCED

Prerequisite: Foods Studies Intermediate or Culinary Arts 11 or 12. Open to students in Grade 11 and 12 only.

Get ready to elevate your cooking game to a professional level in **Foods Advanced!** This course is designed for passionate culinary enthusiasts who are eager to perfect their skills and create food that not only tastes amazing but also looks stunning. You'll master advanced techniques in cooking and baking, preparing everything from specialty breads, pasta, and appetizers to soups, stocks, salads, full-course meals, and decadent desserts. Take your decorating skills to the next level and learn how to improvise, substitute ingredients, and even create your own recipes.

You'll also gain the confidence and efficiency to craft restaurant-quality meals with your unique style. In the final project, dive into the exciting world of **Fusion Cuisine**, where you'll combine ingredients from different culinary traditions to create a one-of-a-kind dish. This course is perfect for anyone who wants to push their culinary boundaries and impress with every dish they create!

HE-BAKING 12 – SPECIALIZED STUDIES IN FOODS

Prerequisite: Foods Intermediate or Advanced, or Culinary Arts 11 or 12. Open to Grade 11 and 12 students.

Ready to take your baking to new heights? *Baking 12* is the perfect course for you to deepen your baking knowledge, refine your skills, and unleash your creativity while *mastering* the art of baking. Fun, experimentation, and cutting-edge techniques will help you understand

the science behind baking. You'll explore the *why* behind ingredients, techniques, and textures, learning how to adapt recipes and troubleshoot your way to perfect results every time. Beyond mixing bowls and ovens, you'll gain essential knowledge of food safety and sanitation, professionalism, precision, and creativity as you make visually stunning and delicious baked goods. Get ready to create mouth-watering treats, boost your baking confidence, and leave with skills that will last a lifetime. Whether you dream of becoming a pastry chef or just want to impress friends and family, *Baking 12* will give you the foundation and freedom to bake like a pro!

CULINARY ARTS OVERVIEW

Students enrolled in Culinary Arts take the BC Food Safe Level 1 course before their introduction to our professional teaching kitchen. Students learn basic cooking and baking principles, knife and equipment skills. Students enrolled in the program assist in the daily production of food for a student body and staff, of over 1500 persons. This program is very much a hands-on, work-orientated class, ideally suited to a variety of learning styles and abilities.

HE-CULINARY ARTS 10

Prerequisite: Food Studies course. Open to students in Grades 10-12.

Learn how to prepare entrees, baked goods, soups, and salads. Safe food handling techniques. Acquire teamwork, organizational and employment skills. Food Sustainability.



HE-CULINARY ARTS 11

Prerequisite: Culinary Arts 10. Open to students in Grades 10-12.

Learn more advanced techniques in food preparation and presentation. Learn about dietary and cultural influences in cooking.

HE-CULINARY ARTS 12

Prerequisite: Culinary Arts 11. Open to students in Grade 11 or 12.

Work more independently to develop cooking skills while preparing a large variety of foods. An excellent foundation for cooking at the college level. Career Exploration in the Food Industry.

HE-INTERPERSONAL & FAMILY RELATIONSHIPS 11 (FAMILY STUDIES 11)

Prerequisite: None. Open to students in Grades 10-12

only.

Develop communication skills to help you be confident in how you present yourself and how you relate to others. Curious about the ins and outs of teen relationships? Get to know yourself and



others better as you learn about the issues related to healthy and unhealthy relationships. Explore socio-cultural influences including the media, relationship dynamics, individual characteristics, and traits that people bring to relationships, as well as other teen issues. Introduces concepts related to conception, pregnancy, infant care, child development, birth order, attachments, parenting, and parenting styles.

HE-CHILD DEVELOPMENT & CAREGIVING 12 (FAMILY STUDIES 12)

Prerequisite: None. Open to students in Grade 11 or 12 only.

A comprehensive exploration of conception, pregnancy, infant care, and child development to age 12. As we explore the physical, emotional, cognitive, and social development of children, you'll come to understand children's needs and how to meet them. There are many opportunities for hands on learning including the real-life simulation of caring for an infant.

HE-HOUSING AND LIVING ENVIRONMENTS 12: CREATIVE SPACES AND STYLISH SOLUTIONS

Prerequisites: None. Open to Grade 11 and 12 students

Get ready to unleash your creativity and design skills as you explore the art and science of creating beautiful, functional spaces. You'll dive into the elements and principles of design, experiment with color theory, and get up close with a variety of textures and materials used in interior finishes. Get busy designing mood boards, reimagining floor plans, and crafting sustainable, inclusive spaces that make a real impact. Explore the latest design trends, learn about housing options, and discover how cultural respect and legal regulations shape the world of housing and interior design. With collaborative activities and creative challenges, this course is perfect for students who love to think outside the box and want to bring their design dreams to life. Whether you're redesigning a room or presenting your ultimate design showcase, this class is all about learning, creating, and having fun!

HE-TEXTILES BEGINNER

Prerequisite: None. Open to students in Grade 9-12. Learn how to sew! Explore the fundamentals of clothing construction and textile arts while developing essential skills in creativity and craftsmanship. Through hands-on projects, such as making PJ pants or shorts, hoodies, home decor items, and accessories, students will learn to use sewing machines, understand patterns, and experiment with various fabrics. This course encourages self-expression and builds confidence, preparing students for future sewing endeavors, whether for personal enjoyment or as a stepping stone into fashion design. Join us to stitch your ideas into reality!

HE-TEXTILES INTERMEDIATE

Prerequisite: Textiles Beginner. Open to students in Grade 10- 12.

Take your sewing skills to the next level. With the basic sewing skills learned in Textiles 9 or 10, you will embark on a fun and interactive journey into the world of sewing, perfect for those with a little bit of sewing experience. Students will review the basics of operating a sewing machine and serger, reading patterns, and working with different fabrics while completing hands-on projects. With a focus on developing foundational skills and encouraging creativity, this class provides a supportive environment where students can build confidence and express their unique style through sewing. Join us to discover the joy of creating with fabric!

HE-TEXTILES ADVANCED

Prerequisite: Textiles Intermediate.

In this advanced high school sewing class, students will refine their sewing skills and delve deeper into the intricacies of garment construction and design. Building on prior knowledge, participants will tackle more complex projects, to be determined individually based on skills, confidence, and experience. There is a project perfect for you! Emphasizing advanced techniques, this course encourages students to explore their personal style and develop a professional level understanding of garment construction. Students will leave equipped with the skills and confidence to pursue their passion for sewing and design beyond the classroom.

HE-TEXTILE ARTS AND CRAFTS 11

Prerequisite: None. Open to Grades 9-12.

In this hands-on course, students will explore the world of textile arts and crafts. Students will learn how to use the sewing machines and serger, learn both hand and machine embroidery techniques. From sewing to embroidery, weaving to dyeing, this course introduces a wide range of materials and methods, blending craftsmanship with artistic design. Learn to tie-dye, quilt, cross-stitch, weave, embroider, make stuffies, home décor items, tote bags, upcycle textiles and more. Students will develop both practical skills and an appreciation for textiles as a form of art, fashion, and self-expression.

HE-FASHION INDUSTRY 12

Prerequisites: Open to Grade 11 and 12 students

Dive into the exciting world of fashion! This course lets you explore what makes trends take off, why designers become icons, and how fashion is shaped by culture and history. You'll work hands-on to design, create mood boards, and even forecast your own trends. From discovering the story behind famous fashion capitals to testing fabrics, and creating your own mini collections, every week is packed with new skills and creative challenges. Plus, you'll learn the ins and outs of the industry, from ethical sourcing to how social media influences what we wear. If you've got a passion for style and want to see what goes on behind the scenes, this course is your chance to bring your ideas to life and express yourself through fashion!



HUMAN SERVICES (HS)

HS-CRIMINOLOGY 11

Prerequisite: Social Studies 10

Criminology is the scientific study of criminal behaviour. This course will focus exclusively on the criminal justice system and will take students on a journey from analyzing why certain actions have been deemed criminal, to how police investigations are conducted, and attempts to reintegrate offenders back into society. Students will be challenged to reflect on their own beliefs and engage in discussions that will enhance their understanding of our Canadian criminal justice system from an objective perspective.

HS-INTRODUCTION TO COUNSELLING SKILLS 11

Prerequisite: None

Course is designed to introduce students to the basic skills necessary to establish and maintain successful helping relationships with peers, family members and other members of society. Students will develop skills in the areas of interpersonal communication, empathetic listening, questioning techniques, ethics, referrals, decision-making and problem solving, peer mediation, mentoring, suicide prevention awareness, assertiveness training, anger management, mental health challenges, types of therapies, self-analysis and self-care. Students will be introduced to skills necessary for working in Human Services: counselling, social work and teaching. Evaluation components: journal, various assignments, major mental health project and group work.

HS- LÁ:LÉM SIYÁ:M (HOUSE OF LEADERS: INDIGENOUS LEADERSHIP) 10-12

Prerequisite: an approved application

This is a course where students can practice their identity, culture, and connection to community. It provides a space to learn about Indigenous leadership and governance practices, is locally developed and is rooted in local values, teachings, and culture.

Key themes in this course include:

Rooted Identity: Knowing who you are and where you come from; understanding your gifts as a source of strength.

Cultural Responsibility: Leadership honors traditional values and responsibilities.

Community Connection: Interconnectedness of identity and community. Everyone has a role.

Healing & Resilience: Understanding colonial impacts while uplifting Indigenous strength.

Language & Land: Learning through story, language, protocol, and land-based practice.

Reciprocity: Leadership means giving back in meaningful ways.

Applications can be found on our school website or at the office.

HS – LEADERSHIP 9/10

Prerequisite: approved application required.

The purpose of student leadership is to: Learn and develop as a leader; inspire students to make a difference in our school, community, and world; promote the “columns of character” in our school: respect, integrity, perseverance, passion, empathy, accountability, and achievement.

Leadership is a project-based course that requires students to actively participate in organizing purposeful school and community events, such as assemblies, fundraisers, spirit activities, community events, etc. In Leadership 9/10 there will be a focus on what it means to be a leader, the development of leadership skills in each student, and “how-to’s” of organizing events.

Students will also be required to attend events and service opportunities outside of class time.

Applications can be found on our school website at <https://sardissecondary.sd33.bc.ca/course-planning> and returned to the SSS school office.



HS-LEADERSHIP 11/12

Prerequisite: approved application required.

The purpose of student leadership is to: Learn and develop as a leader; Inspire students to make a difference in our school, community and world; Promote the 'columns of character' in our school: respect, integrity, perseverance, passion, empathy, accountability and achievement.

Leadership is a project-based course that requires students to actively participate in organizing purposeful school and community events, such as assemblies, fundraisers, spirit activities, community events, etc. In Leadership 11/12 students will be able to apply the skills, theory and core leadership values developed in Leadership 9/10 and continue to develop their leadership abilities.

Students will also be required to attend events and service opportunities outside of class time. Applications can be found on our school website at <https://sardissecondary.sd33.bc.ca/course-planning> and returned to the SSS school office.

HS-MINDFULNESS AND MOVEMENT 11

Prerequisite: Must be in grade 11 or 12.

This course will allow students to participate in gentle forms of movement such as yoga, Pilates, walking, and other forms of light exercise. Students will explore various breathing and meditation techniques as well as other mindful activities. Students will learn about strategies to help manage stress and regulate emotions. A focus on connection to oneself and others will be emphasized. This course is open to students in grade 11-12 of all levels and abilities.

HS-PEER TUTORING 11/12

Prerequisite: Permission of instructor *Students must contact their counsellor for application form for approval, otherwise an "Alternate Elective" will be scheduled.

This course provides students interested in the Human Services and the teaching profession an opportunity to experience and reflect on teaching in a real classroom setting. Peer Tutoring is a combination of teaching/learning theory and application with an emphasis on working with a teacher in a specific subject/grade level that they have completed themselves previously. Students experience working with other students in one-on-one or small group situations in the student's designated block. Current teaching and learning theory are examined, discussed, and applied in practicum situations. Assessment focuses on the students' reflection and growth as shown through a **peer tutoring workbook**, and self and placement teacher evaluations.

HS-PSYCHOLOGY 11 (FORMERLY PSYCHOLOGY 11A)

Prerequisite: Open to students in Grades 10-12. Student must have good reading skills. It is strongly recommended that students have a C average in their previous English course.

Basic Introduction to Psychology - Scientific study of behavior and the mind

Of interest to students who want to understand people- why they do the things they do and think the way they think. Understand yourself and others more.

Topics include a history of psychology, communication, social thinking and social relations, prejudice and discrimination, attraction, the brain, nervous system and hormonal systems, lifespan development, sensation and perception, stress and health, learning, and intelligence, abnormal behavior and disorders, personality and personality disorders, sleep and dreams, psychological disorders, mental health challenges, personality disorders and types of therapies.

Valuable to students entering human services professions, possible avenue into human services Career Prep Program.

Evaluation will be through assignments, videos, projects, experiments, and tests.

HS-PSYCHOLOGY 12 (FORMERLY PSYCHOLOGY 11B)

Prerequisite: Recommended Psychology 11.

This course builds on concepts learned in Psychology 11

Scientific study of behavior and the mind

Of interest to students who want to understand people- why they do the things they do and think the way they think. Understand yourself and others more.

Topics include how we learn, memory, states of consciousness- sleep and dreams, hypnosis, drugs, sensation and perception, color psychology, influence of music, types of learning, classical and

operant conditioning, the brain, nervous system, thinking, language, intelligence, personality, psychological disorders, personality disorders, psychological and biomedical therapies, cultural psychology, theories of personality

Valuable to students entering human services professions, possible avenue into human services
Career Prep Program

Evaluation will be through assignments, videos, projects, experiments, and tests.

HS-AP PSYCHOLOGY 12

Prerequisite: Psychology 11 and 12 advised. Open to students in Grade 12. Not advised for students in grade 11. It is recommended that students have a B grade in English 11.

Extensive reading and vocabulary involved.

Introductory Psychology is similar to first year college-level Psychology.

Students can develop their background in the Psychology field, particularly those entering the Human Services professions

Topics included are: research methods, stress and health, endocrine and nervous systems, the brain, sensation and perception, states of consciousness, memory, intelligence, motivation emotion, personality, psychology disorders, treatment, and psychotherapy, and social psychology.

Evaluation will be through assignments, projects, quizzes and tests, long answer questions, written reports.

AP Psychology exam in May for a cost of \$125

HS-HEALTH SERVICES 11

Prerequisite: Open to students in grade 11 or 12

A practical course for students interested in any Health Services job (from doctor to fitness trainer to firefighter).

Topics include resuscitation, first aid, fitness theory, sports injuries, different environments, and introduction to professions.

Certification in CPR 'C' and SFA is available within the course; and materials from athletic taping, sports first aid, concussion management and fitness theory are covered.

HS-HEALTH SERVICES 12A & HEALTH SERVICES 12B

Prerequisite: Application ***There is a fee for this course**

This program gives students the opportunity to achieve the **Emergency Medical Responder** (EMR) certification in partnership with the Justice Institute of BC. Assessment will follow Justice Institute criteria including written exams, practical exams, and attendance.

In the one block of timetable students must take **both** HS12A and HS12B (Independent Study Course) concurrently to prepare for the written exam. This online course is worth a full course credit in addition to the practical material in class. There will be up to five (5) additional days scheduled on evenings and weekends throughout the semester for testing.

The Emergency Medical Responder certification is a qualification necessary for Paramedics, recommended for Firefighters, and helpful for anyone looking to enter a Medical Profession.

A separate government-licensing exam is required if going directly to the workforce with this qualification.

HS-INTRODUCTION TO TEACHING 12

Prerequisite: None (Priority given to students in grade 11 and 12).

Do you want to become a teacher, educational assistant, or youth care worker in the education system? Or do you think you might want to but are not sure? Intro to Careers in Education is for you. This course provides an introduction to teaching as a classroom practice as well as education as a career. We will develop an understanding of how learning works and the strategies to support it. As well, students will examine the pathways into the profession and explore its various aspects, possibilities, and responsibilities. Part of this course will involve assisting other teachers in their classroom and working with secondary, middle, or elementary students.

Topics include:

- How students learn
- Building community and resolving conflict in the classroom

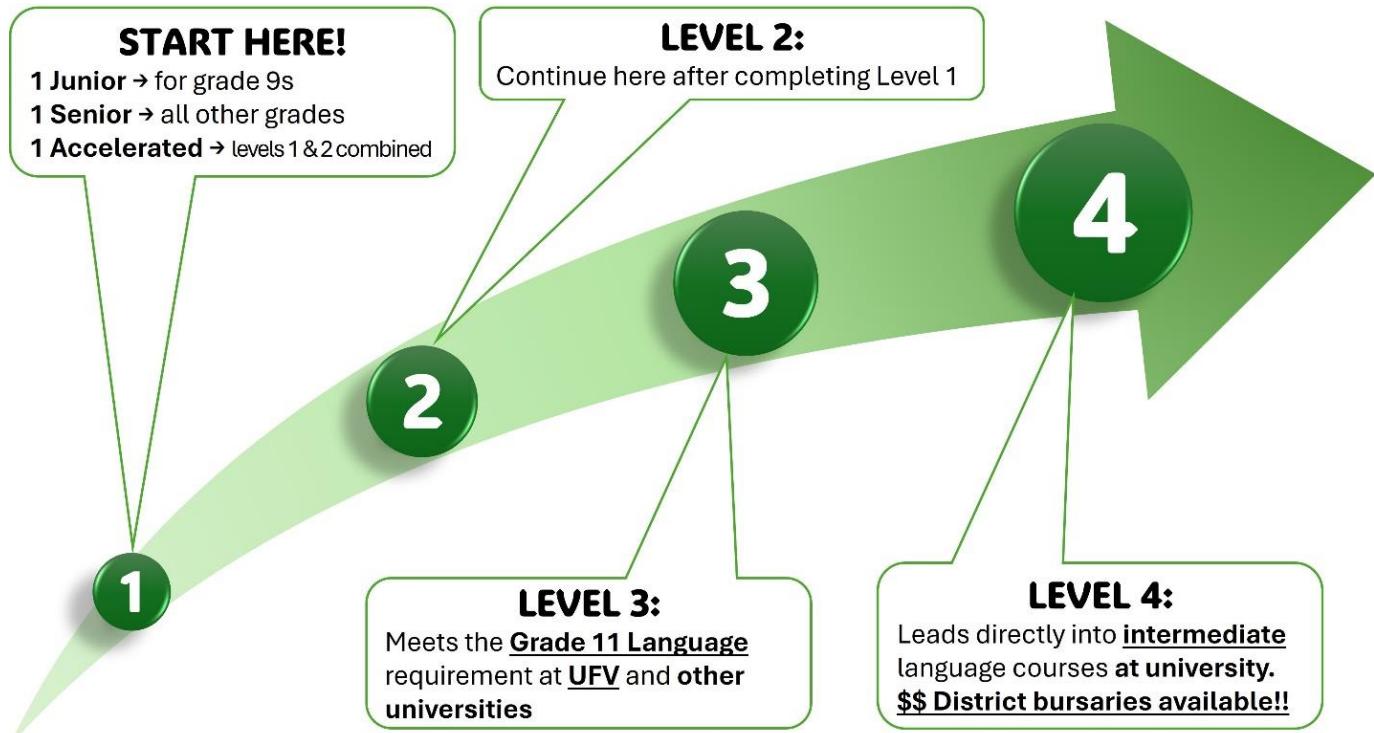
- Curriculum, instruction, and assessment
- Working with diverse learners
- The K-12 school system and the various roles within it
- Political contexts and professional ethics
- Becoming a teacher (getting your degree and everything else)



SARDIS SECONDARY **MODERN LANGUAGES**

"Because I speak another language, ...

I have better employment opportunities,
I have been able to help immigrants and refugees
from around the world,
I have been able to negotiate wage increases,
I get better grades in my other courses,
I have better memory skills,
I am a better communicator,
I can meet the language requirements for university,
I have traveled extensively,
... and you can do it too!"



At Sardis, you can take **all 4 levels** in
French, Spanish, German & Halq’eméylem

If you already speak one of these languages, talk to the course teacher before choosing your course level. (French: Mme. Sache; Spanish: Señora Blaak; German: Herr Warkentin-Scott)

Transferring out of French Immersion? Consult with the French Teacher, Madame Sache, before choosing your level.

NOTE: Although not a graduation requirement from BC high schools, a second language at the **Grade 11 level** is **required** by some British Columbia Universities (eg.: UFV) depending on your intended field of study.

****If you have not taken a Language 11 in high school, you will have to complete it and pay for it during your degree program at university.**

Students should clarify their Language requirement with the post-secondary institution they plan to attend.

LA-FRENCH 1 JUNIOR

(formerly French 9)

Prerequisite: None. Open to grade 9s.

- Are you heading to university and know that many require a language credit at some point?
- Or perhaps you understand that Canada is a bilingual country, and that French is useful? Or better yet, you are passionate about languages and the many professional doors that they open? Then French 1 is the course for you!
- Using a communicative approach combining listening, speaking, reading, and writing activities, students will further develop their oral and written abilities.
- French is not just an academic study – students will engage in French-speaking cultures through food, movies, music and other cultural activities.
- Students will acquire frequently used words and language structures that will enable them to read, listen, speak and write at a basic level.
- Students will begin to identify similarities and differences between French cultures and their own.



LA-FRENCH 1 Senior

Prerequisite: None. Open to students in grade 10-12.

- Did you miss out on being able to take French in grade 9? It is not too late!! START YOUR FRENCH LANGUAGE JOURNEY HERE!
- Are you heading to university and know that many require a language credit at some point?
- Or perhaps you understand that Canada is a bilingual country, and that French is useful? Or better yet, you are passionate about languages and the many professional doors that they open? Then **French 1 Senior** is the course for you!
- Using a communicative approach combining listening, speaking, reading, and writing activities, students will further develop their oral and written abilities.
- French is not just an academic study – students will engage in French-speaking cultures through food, movies, music and other cultural activities.
- Students will acquire frequently used words and language structures that will enable them to read, listen, speak and write at a basic level.
- Students will begin to identify similarities and differences between French cultures and their own.

LA-FRENCH 2

(formerly French 10)

Prerequisite: French 1

- Since you have invested this much time into learning French, don't give up now! Set yourself the goal of becoming bilingual (or even multilingual!) in your time at Sardis.
- Students will continue to gain confidence in their ability to use the French language as they continue to acquire French through Comprehensible Input.
- Classroom activities include discussions, storytelling, independent reading, music and film appreciation, picture talks, movie talks, whole class novels, and games.
- Emphasis will be on developing students' proficiency and ability to use high frequency vocabulary and grammar structures in spontaneous situations with confidence.

LA-FRENCH 3

(formerly French 11)

Prerequisite: French 2 (FR10) ("B" or better in French 2 is recommended)

- You have taken French 2 and had so much fun that you can't wait for more? Don't wait! Sign up for French 3 and enjoy more French food, history, music, and other cultural activities, while communicating in French!
- Students will continue to grow in proficiency through increasingly complex Comprehensible Inputs.
- Classroom activities include discussions, storytelling, independent reading, music and film appreciation, picture talks, movie talks, current events, whole class novels, and video series.
- Students will deepen their understanding of the current issues facing the francophone world today and gain an increasingly sophisticated understanding of the connections between language, personal story, and culture.
- This course satisfies many university program language requirements in BC

LA-FRENCH 4

(formerly French 12)

Prerequisite: French 3 (FR11)

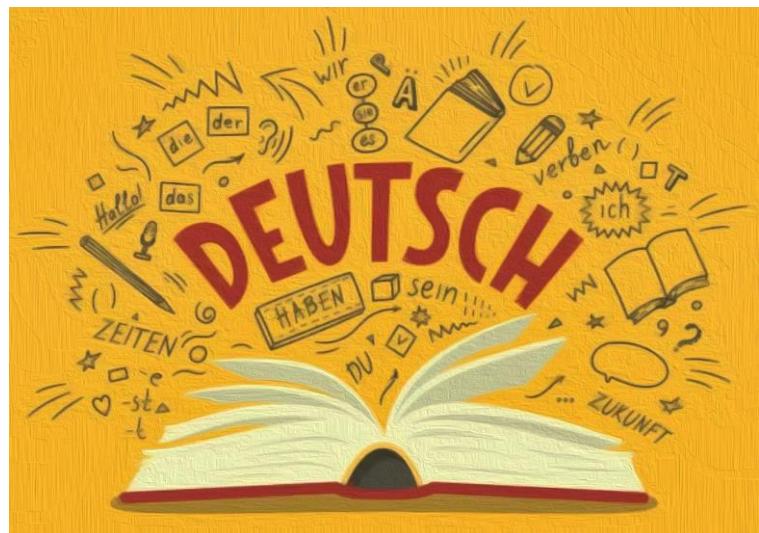
- You have taken French 2 (FR10) and French 3 (FR11) – why stop now?!? Take another big step towards being bilingual, and count yourself among the dedicated few, the crème de la crème.
- Students will continue to acquire more advanced vocabulary and grammatical structures through more sophisticated Comprehensible Input.
- Classroom activities include discussions, storytelling, independent reading, music and film appreciation, picture talks, whole class novels, current events, video series, and podcasts.
- Students will gain a deeper understanding of multi-cultural and political issues in the francophone world today through exposure to current literature and authentic documents.
- Students will also engage in cooperative projects to learn more about the connections between personal story, language, and culture.

LA-GERMAN 1 JUNIOR

(formerly German 9)

Prerequisite: None. For grade 9 students

- Oktoberfest, fast cars, sausages, and pretzels – sign up for German to find out the truth behind the stereotypes.
- Open to students in any grade wishing to gain a solid foundation in German
- Designed to provide students with a basic knowledge of the language, you will be confident to communicate in German at an introductory level.
- You will also be introduced to the geography, history, and culture of German-speaking countries, and make comparisons with your own culture.
- Similarities in the structure and vocabulary of German, French and English are explored.



LA-GERMAN 1 SENIOR

Prerequisite: None. Open to students in grades 10-12.

- Did you miss out on being able to take German in grade 9? It is not too late!! START YOUR GERMAN LANGUAGE JOURNEY HERE!
- Oktoberfest, fast cars, sausages, and pretzels – sign up for German to find out the truth behind the stereotypes.
- Open to students in any grade wishing to gain a solid foundation in German
- Designed to provide students with a basic knowledge of the language, you will be confident to communicate in German at an introductory level.
- You will also be introduced to the geography, history, and culture of German-speaking countries, and make comparisons with your own culture.

- Similarities in the structure and vocabulary of German, French and English are explored.

LA-GERMAN 1 & 2 ACCELERATED

Prerequisite: None. Open to students in grades 10-12, or students with German spoken at home.

- Warning: this course is an intense combination of German 1&2 and not recommended for academically weak students. Serious German students should take the long path (German 1 and 2 separately) for a more comprehensive and in-depth language learning experience.
- Language is all about communication. By the end of this course, you will be making yourself understood in German, using introductory listening, speaking, reading, and writing activities. You can't communicate without words, and you'll be learning over 800 of them, as well as introductory grammatical structures.
- Here's the fun part: we get to experience some cultural aspects of German-speaking countries. This means field trips, food, movies, music, etc.
- Various assessment strategies are used to evaluate student progress (not just tests, but all sorts of creative assignments too).

LA-GERMAN 2

(formerly German 10)

Prerequisite: German 1

- You worked hard through German 1 and now you cannot wait to build on the great foundation you already have.
- Examine the truth behind more stereotypes and try German foods, music and movies.
- Emphasis is placed on oral skills and vocabulary development.
- Reading and writing will be taught in conjunction with each unit.
- Together with German 1, the course gives the student a good foundation in basic German vocabulary and oral skills.

LA-GERMAN 3

(formerly German 11)

Prerequisite: German 2, or German 1 & 2 Accelerated. ("B" or better in German 2 is recommended)

- You took German 2 (GE10), and had so much fun that you can't wait for more? Don't wait! sign up for German 3 and enjoy more German food, history, music, and other cultural activities, while communicating in German!
- Language is all about communication, and by the end of this course you will be making yourself understood in German, using intermediate listening, speaking, reading and writing activities, including discussions, storytelling, music and film appreciation, novels, and video series.
- You can't communicate without words, and you'll be bringing your total to over 1600 of them, as well as learning intermediate grammatical structures.
- Students will gain an increasingly sophisticated understanding of the connections between language, personal story, and culture.
- Various assessment strategies are used to evaluate student progress.
- This course satisfies many university program language requirements in BC.

LA-GERMAN 4

(formerly German 12)

Prerequisite: German 3 ("B" or better in German 3 is recommended)

- You have taken German levels 1, 2 & 3 - why stop now?!? Take another big step towards being bilingual (or trilingual), and count yourself among the dedicated few, *die Besten der Besten*.
- Increase your vocabulary to 2500 (or over 80% of common communication words) through advanced listening, speaking, reading, and writing activities, and master the grammar needed for everyday communication.
- Students will gain an increasingly sophisticated understanding of multi-cultural and political issues in German-speaking countries through a variety of activities and resources, including discussions, storytelling, independent reading, music and film appreciation, picture talks, novels, video series, and podcasts.
- Various assessment strategies are used to evaluate student progress.

Halq'emeylem

LA-HALQ'EMÉYLEM 1

Prerequisite: None

In this course, students will focus on the Upriver - Halq'emeylem language spoken by the Stó:lō people on whose land our community lives, works, and goes to school. Students will actively engage in and gain insight into the Stó:lō culture, be inspired through the development of intercultural understanding, and join in Indigenous language revitalization. Successful completion of this foundational course prepares students for progression into higher levels of study in Halq'emeylem and Stó:lō cultural learning. Apart from the benefits Halq'emeylem education provides First Nations People, it would also benefit non-aboriginal students living in our diverse community. This course welcomes all students. Halq'emeylem 1 is a four-credit course and satisfies the grad requirement of an Indigenous-focused course for graduation.

LA-HALQ'EMÉYLEM 2, 3, 4

Prerequisite: Halq'emeylem 1

These three courses are a continuation of Halq'emeylem learning. If you would like to continue your learning of the Upriver - Halq'emeylem language, enroll in the next level. This language is spoken by the Stó:lō people on whose land our community lives, works, and goes to school. Students will actively engage in and gain insight into the Stó:lō culture, be inspired through the development of intercultural understanding, and join in Indigenous language revitalization. Apart from the benefits Halq'emeylem education provides First Nations People, it also benefits non-aboriginal students living in our diverse community.

LA-SPANISH 1

JUNIOR

(formerly Spanish 9)

Prerequisite: None. Open to students in grade 9.

Tacos, beaches, ponchos and bullfights....is that all there is to know about Hispanic culture? The world is your oyster if you can speak a second language, so why not join the 500 million Spanish speakers around the world!



"Spanish learning and speaking makes other academic courses easier (memory capacity, studying techniques, mathematical thinking)" (R.E. former student)

- Open up your mind and create options for studying, working, and living abroad.
- Open to any student wanting foundational skills in Spanish Speak, read and write Spanish at a rudimentary level.
- Explore the geography, history and culture of Spanish-speaking countries.
- Discover the similarities in the structure and vocabulary of Spanish, French and English.

LA-SPANISH 1 SENIOR

Prerequisite: None. Open to students in grades 10-12.

Did you miss out on being able to take Spanish in grade 9? It is not too late!! Start your Spanish language journey [HERE!](#)

Tacos, beaches, ponchos and bullfights....is that all there is to know about Hispanic culture? The world is your oyster if you can speak a second language, so why not join the 500 million Spanish speakers around the world!

"It opens opportunities to study at universities in non-English speaking countries" (C.E. former student)

- Open up your mind and create options for studying, working and living abroad.
- Open to any student wanting foundational skills in Spanish Speak, read and write Spanish at a rudimentary level.
- Explore the geography, history and culture of Spanish-speaking countries.
Discover the similarities in the structure and vocabulary of Spanish, French and English.

LA-SPANISH 2

(formerly Spanish 10)

Prerequisite: Spanish 1

You got this! Creating even more crazy stories in class and learning more salsa moves is easier than before. You will become a confident and well-educated world traveler. Comparing and contrasting cultures will give you the courage to find international friendships anywhere you go because your Spanish skills are useful!

"A very high energy class" (B.J.) "You can speak with fellow Spanish citizens at home or on Spanish vacations" (E.R. former student)

- Through movies, music and games, students will further explore Hispanic cultures, history and geography.
- Build on previous foundations of oral, written and reading foundations, with an emphasis on aural & oral skills and vocabulary development.
- Apply the similarities between Spanish, French and English to the structures and vocabulary of Spanish.

LA-SPANISH 3

(formerly Spanish 11)

Prerequisite: Spanish 2 or Accelerated Spanish ("B" standing or better in Accelerated Spanish is recommended)

Acquire enough communication skills and personal confidence to spend entire classes in a café – 100% immersed in Spanish! Performing real life tasks such as this one is one of best indicators of your progress in the Spanish language.

"This class is not all textbook work; we have the most practical cultural experiences" (M.E.) "You get to watch cool Spanish movies" (C.E. former student)

"Sing Enrique Iglesias like a professional!" (R. C. former student)

- Students will expand their abilities in speaking, listening, writing and reading Spanish through field trips, movies, discussion and debates, music and creative writing assignments.
- Deepen understanding of the current social, political, and economic issues facing Hispanic immigrants today. Various assessment strategies are used to evaluate student progress.
- This course satisfies many university program language requirements in BC.

LA-SPANISH 4

(formerly Spanish 12)

Prerequisite: Spanish 3 (SP11) ("B" standing or better in Spanish 3 is recommended.)

Spanish 4 is only offered on even years in the spring semester, so please plan your Spanish course choices accordingly. **It is offered in 2026/27, 2028/29 ...; and NOT the years in between.**

"Hola Señorita Blaak, I'm now studying at UFV now, but am going to Barcelona, Spain in February, and studying there until June 30th. Although, I am currently in the Bachelor of Science program and will be placed in the bio sciences faculty in Spain, I would like to take a Spanish course while I am at UFV, so I can immerse myself in the language." (S.T. former student)

- Students will refine their understanding of the multi-cultural and political issues facing Hispanic cultures today by exposure to current literature and authentic documents and gain a deeper appreciation of the historical Spanish influences in today's Canadian and Hispanic societies.
- Students will further explore Hispanic art, music, and dance.

- Many Sardis Spanish 4 grads have been awarded internships, co-op work opportunities and practicum experiences in the following fields: medical, sciences, human services and international relations and development.
- Refine your aural / oral communication abilities through field trips, in class debates, discussions



LA-LANGUAGES, CULTURE & TRAVEL 11

Prerequisite: None

Would you like to travel to exotic places, but you're too worried about not understanding the language? Or maybe too scared of making a serious cultural mistake? Do you like learning about history, but you don't like exams? Then this is the course for you! Introduction to several languages, including a global language (like French or Spanish), a regional language (like German or Italian) and a local, minority language (such as Halq'eméylem), as well as history and culture associated with them. This course encourages students' interest in discovering other cultures and equips students with skills for international and intercultural travel. Assessment is through assignments and projects as well as the students' use of the target languages in class.



FRENCH IMMERSION (LF)

Students must successfully complete the following courses to receive their bilingual graduation diploma.

LF-FRANÇAIS LANGUE 9

Prerequisite: Français Langue 8

Students must be prepared to speak French at all times within the classroom setting.

Focus on spontaneous, prepared use of French language, grammar study, and the creation and refinement of diverse communication.

Builds on strategies to negotiate meaning in a variety of documents.

Evaluation includes classroom activities, tests, projects, and participation in French, as well as final oral exam worth 10%.

LF-FRANÇAIS LANGUE 10

Prerequisite: Français Langue 9

Students must be prepared to speak French at all times within the classroom setting.

Focus on spontaneous, prepared use of French language, grammar study, and the creation and refinement of diverse communication.

Builds on strategies to negotiate meaning in a variety of documents.

Evaluation includes classroom activities, tests, projects, and participation in French, as well as final oral exam worth 10%.

LF-FRANÇAIS LANGUE 11

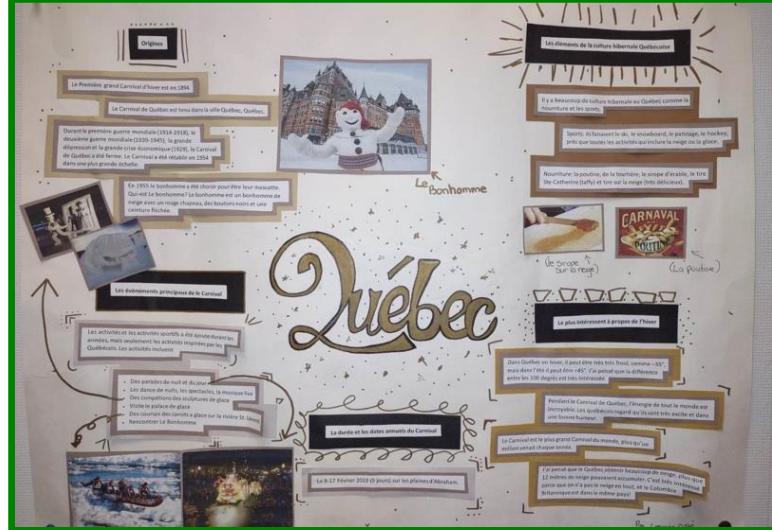
Pre-requisite: Français Langue 10

Students must be prepared to speak French at all times within the classroom setting

Focus on a refinement of spontaneous and prepared use of the French language; organizing, researching and communicating ideas; developing strategies to improve comprehension.

Includes grammar review, and literature study and analysis.

Evaluation includes classroom activities, tests, projects, and participation in French, as well as final oral exam worth 10%.



spontaneous and prepared use of the French language; organizing, researching and communicating ideas; developing strategies to improve comprehension.

Includes grammar review, and literature study and analysis.

Course mark includes extensive oral practice, grammar review, and practice writing, as well as a study of various Francophone texts.

LF-ÉDUCATION PHYSIQUE ET SANTÉ 9

Prerequisite: Physical Education 8

As an extension of PHE 8, students will:

Develop an understanding of how lifelong participation in physical activity has many benefits and is an essential part of a healthy lifestyle. Develop an understanding how healthy choices influence our physical, emotional, and mental well-being. Participate in a variety of activities that will promote lifelong participation in physical activity. Be evaluated on fitness, skills, effort, and participation. Active participation is required for all students.

This course is taught in French.

LF-SCIENCES HUMAINES 9

Prérequis: Sciences Humaines 8

Social Studies 9 is a required course and will include content from 1750-1919. Students will inquire about how emerging ideas and ideologies profoundly influence societies and events; the physical environment influences the nature of political, social, and economic change; and disparities in

LF-FRANÇAIS LANGUE 12

Required Provincial Assessment:

Évaluation de la Littératie en Français langue seconde-immersion de la 12e année. The result on this exam does not impact success in the course, nor is it used for calculating grade point average but the successful writing of it is required for fulfillment of Ministry Bilingual Dogwood requirements.

Prerequisite: Français Langue 11

Students must be prepared to speak French at all times within the classroom setting.

Focus on a refinement of

power alter the balance of relationships between individuals and between societies. This course is taught in French.

LF-SCIENCES HUMAINES 10

Prerequisite: Sciences Humaines 9 (C+ standing or better recommended.)

Social Studies 10 is a required course for graduation.

The area of focus is on Canada and the World from 1919 to present. Major themes: Global and Regional Conflicts, The development of Political Institutions, World Views and different perspectives, Historical and Contemporary Injustices.

This course is taught in French.

LF-EXPLORATIONS EN SCIENCES HUMAINES ET SOCIALES 11

Prerequisite: Sciences Humaines 10

This course will explore various topics in Social Studies.

Major themes include but are not limited to, colonialism and contemporary issues for indigenous people in Canada and around the world; recognition of and response to genocide; current issues in local, regional, national or global politics as represented in mass media; and systems of power and governments in global cultures.

This course is taught in French.

LF-CIVILIZATIONS COMPAREES 12

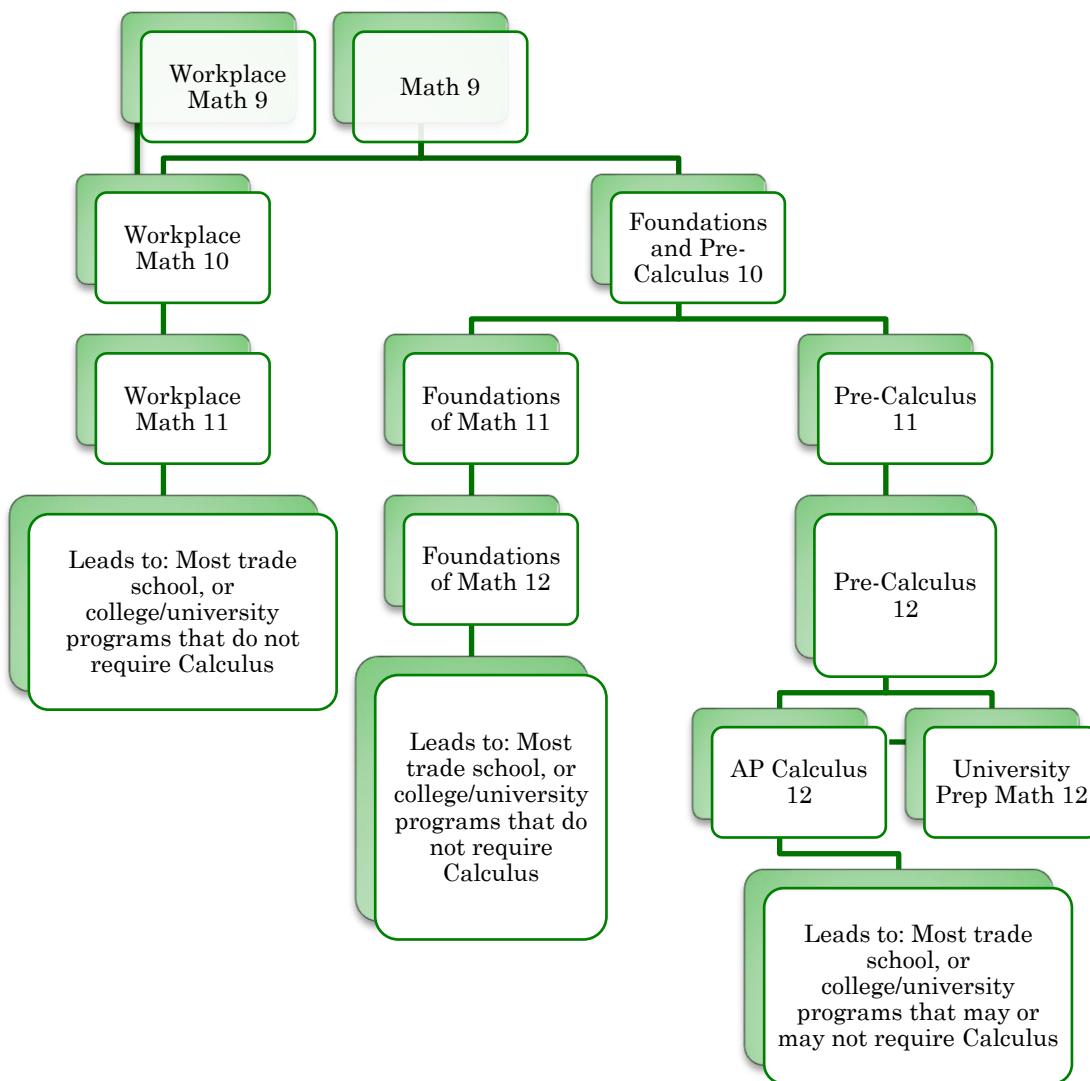
Prerequisite: Explorations en Sciences Humaines 11 (C+ standing or better recommended)

This is an interdisciplinary course focused on language development around issues pertaining to multiple aspects of society, both historical and current. Using key moments and developments from ancient history as a backdrop, we will be exploring and connecting to important concepts in philosophy, art, science and technology, literature and mythology, and politics. Students will learn and use French relevant to their current and future world as they use historical precedents to examine modern issues. These issues **include** (but are not limited to) the impact of technology and art forms on society, democracy and authoritarianism, ethical decision-making and problem solving in the modern world. Students will be encouraged to personalize their learning and draw on multiple subject areas as they engage in this course.



MATHEMATICS (MA)

The Mathematics Department currently offers three math programs for grade 11 and three for Grade 12: Workplace Mathematics 11; Foundations of Mathematics 11 & 12; and Pre-Calculus Math 11 & 12. At the grade 10 level, the Math Department offers Foundations & Pre-Calculus 10 and Workplace Math 10. Workplace Math is designed for students who plan to pursue a career in a trade or plan on entering the workplace directly upon graduation. Foundations of Math is designed for students planning to pursue a post-secondary program that does not require Calculus. Pre-Calculus Math is designed for students planning to pursue a post-secondary program that does require Calculus. **The Math Department strongly advises students to research post-secondary programs that they are interested in before choosing any math program.**



MA-MATH 9

Prerequisite: Math 8

Topics include: Rational Numbers, Exponent Laws, Polynomials, Solving Linear Equations, Scale diagrams, Probability, and Finance.

Students taking this course can progress to Foundations and Pre-Calculus Math 10. Students will be required to write a final, summative exam at the end of the semester.

MA-WORKPLACE MATH 9

Please note: Placement in Workplace Math 9 is done by School Based Team (SBT) in consultation with Grade 8 Math teacher.

Topics include: Whole Number Fluency and Operations, Fractions, Decimals, Percents, Intro to Algebra, Surface Area and Volume, Financial Literacy, and Graphing.

MA-FOUNDATIONS & PRE-CALCULUS 10

Prerequisite: Math 9

Topics include: Radicals, Coordinate Geometry, Functions and Relations, Linear Functions, Polynomial Operations, Quadratics Functions, Trigonometry, and Measurement.

Students taking this course can progress to either Foundations of Math 11 or Pre-Calculus Math 11 with teacher recommendation. Students will be required to write a final, summative exam at the end of the semester.

MA-FOUNDATIONS & PRE-CALCULUS 10 HONOURS

Prerequisite: Math 9

Honours Math 10 is an enriched and rigorous course designed for top-performing mathematics students who demonstrate exceptional aptitude and a passion for problem-solving. This course goes beyond the standard curriculum to provide deeper exploration and advanced applications of topics such as factoring, functions and relations, linear equations, systems of equations, trigonometry, and financial literacy.

This course demands a high level of commitment, critical thinking, and academic excellence. Students with a strong understanding of Math 9 concepts, a proven track record of success in mathematics, and the ability to work independently in a fast-paced environment should consider selecting this course. Successful completion will prepare students for the challenges of Pre-Calculus, AP Calculus, and other advanced mathematics pathways. Students will be required to write a final, summative exam at the end of the semester.



MA-WORKPLACE MATH 10

Prerequisite: Math 9

This course is designed for students who plan to pursue a career in some trades, or for students who have difficulty with the more abstract concepts found in Foundations and Pre-Calculus Math 10. Topics covered include the metric and imperial systems, the measurement of 2-D and 3-D objects, geometry, trigonometry and the basics of income, spending and debt. Students taking this course will progress to Apprenticeship and Workplace Mathematics 11.

Consult your Math teacher before selecting. Many university programs require Foundations of Math 11 as an entrance requirement.

MA-FOUNDATIONS OF MATH 11

Prerequisite: Foundations and Pre-Calculus Math 10

*This course is intended for students who plan to take a College or University program that does not require Calculus (i.e. Arts, Humanities).

Topics include: Measurement, Geometry, Logical Reasoning, Statistics, and Relations and Functions. A Graphing Calculator (T1-83 or 83 Plus are recommended) is essential for the successful completion of this course. Evaluation according to mastery of the criteria of the course as defined by the Ministry of Education. There is a comprehensive final examination worth 30% of the student's final mark.

This course is a prerequisite for Foundations of Mathematics 12.

MA-PRE-CALCULUS 11

Prerequisite: Foundations and Pre-Calculus Math 10

This course is intended for students who plan to take a College or University program that requires Calculus (i.e. Sciences, Engineering, Business) and some trades programs.

Topics include: Algebra, Trigonometry, and Relations and Functions.

A Graphing Calculator (T1-83 or 83 Plus are recommended) is essential for the successful completion of this course. Evaluation according to mastery of the criteria of the course as defined by the Ministry of Education. Students will be required to write a final, summative exam worth 30% of their overall grade at the end of the semester.

MA-WORKPLACE MATH 11

Prerequisite: Workplace Mathematics 10

Practical math for students who experience difficulty with more abstract concepts found in Foundations of Math 11.

Topics include slope and ratio change, graphical representations, surface area, volume, capacity, trigonometry, scale representations, financial services, and personal budgets.

Consult your current Math teacher before selecting this course. Many university programs require Pre-Calculus 11 or Foundations of Math 11 as an entrance requirement.

Evaluation according to mastery of the criteria of the course as defined by the Ministry of Education.

MA-FOUNDATIONS OF MATH 12

Prerequisite: Foundations of Mathematics 11

This course is intended for students planning to take a College/University program not requiring Calculus (e.g. Arts, Humanities).

Topics include: Financial Mathematics (Interest, Investments, Mortgages), Combinatorics, Probability, Graphical Regression Analysis and Geometric Explorations (Fractals, Constructions, Conics).

A Graphing Calculator (T1-83 or 83 Plus are recommended) or alternative may be required for the successful completion of this course. Evaluation according to mastery of the criteria of the course as defined by the Ministry of Education.

A comprehensive final examination worth 30% of the student's final mark.

MA-PRE-CALCULUS 12

Prerequisite: Pre-Calculus 11

This course is intended for students who plan to take a College or University program that requires Calculus (i.e. Sciences, Engineering, Business ...) and some trades programs. Topics include: Trigonometry, Relations and Functions, and Combinations and Permutations. A Graphing Calculator (T1-83 or 83 Plus are recommended) is essential for the successful completion of this course.

Evaluation according to mastery of the criteria of the course as defined by the Ministry of Education. Students will be required to write a final, summative exam at the end of the semester.

MA-AP CALCULUS 12 AB

Prerequisite: Pre-Calculus Math 11 and should have completed or be taking Pre-Calculus Math 12 concurrently.

This course is equivalent to 1st year calculus at U.B.C. or S.F.U.

Credit is given for this course at major universities if a sufficiently high score is achieved on the optional AP exam written in May (cost \$125).

Topics include First and Second Derivatives, Implicit Differentiation, Curve Sketching, Integration and Problem Solving. This course is very beneficial for students going into mathematics or science related fields. This course may also benefit students requiring only one university level calculus course or wishing to make their first year easier.

A comprehensive final examination is given worth 30% of the student's final mark.

MA-UNIVERSITY PREP MATH

Prerequisite: Pre-Calculus Math 12

This course is designed to cover the concepts that are left out of the Pre-Calculus stream of Mathematics that are important prerequisites for many university level math courses.

Concepts to be covered include geometry, probability, statistics, logic and reasoning, and linear algebra.

This course is a high-level mathematics course designed for those who have completed Pre-Calculus 12 and/or are interested in attending Canadian and American universities.



MUSIC (MU)

MU-CONCERT BAND 9/10

Prerequisite: Previous level of Band or permission of instructor.

Performance course for young musicians who would like to continue developing musical ability on their chosen instrument.

Some co-curricular rehearsals may be required.

Learning will be assessed through performance tests, class performance, class participation, attendance, assignments, concerts, practising, and general effort.

All performances are mandatory.

Students are required to provide their own instrument or rent one from a music store.

MU-CONCERT BAND 11/12

Prerequisite: Previous level of Band or permission of instructor.

A performance course for the student who would like to continue to develop abilities on their chosen instrument.

Students may be required to attend co-curricular rehearsals.

Assessment through performance tests, class participation, extra rehearsals, concerts, class performance, attendance, assignments, practising, and general effort. All performances are mandatory.

Students will be required to provide their own instrument or rent an instrument from a music store.

MU-CONCERT CHOIR 9-12

Prerequisite: None – everyone is welcome!

When: Mondays after school, 2:55–4:15 pm (outside the regular timetable).

Love to sing or want to try something new? This performance-based course helps you build your vocal skills through a wide range of music, with a focus on choral singing. You'll get to explore everything from jazz to world choral traditions and discover new styles along the way.

You will be assessed through your participation, attendance, performances, and overall effort.

Because we work as an ensemble, **all performances are required**—and they're a fun highlight of the course! Come ready to make music, learn new skills, and be part of a supportive musical community.

MU-DRUMLINE 9/10

Prerequisite: Participation in another band/choral ensemble, or permission of instructor.

Recommended for all musicians, both experienced and novice.

Meets outside the timetable – Tuesday 2:45-4:30 p.m. - in addition to mandatory weekly sectionals at lunch.

Recommended for all percussionist musicians both experienced and beginners. "Step by step" approach to wide variety of techniques used in a contemporary battery drumline ensemble.

Students receive instruction on snare drum, tenors, bass drum and cymbals. *Students may NOT get first choice of instrument due to limited drums to use. Instrument placements are based first on

student choice and then experience and aptitude based on evaluations that are completed in the first few weeks of the course. Playing drums does not immediately give student first choice of instrument.

Topics include: stick/mallet choices, grips, sound production, stroke techniques, dynamic control, proper warm-up routines, listening responsibilities, timing/balance, and physical health when playing the instruments.



MU-DRUMLINE 11/12

Prerequisite: Participation in another band/choral ensemble, or permission of instructor.

Membership in Intermediate and Senior Drumlines are by audition only (from previous end of year blind assessments and evaluations). Students are assigned to drumlines based on skill level, not grade or experience, and may be moved at any time as need for ensembles change. Rosters are posted in June with required summer learning for both ensembles.

Meets outside the timetable – Wednesdays or Thursdays 2:45-4:30 p.m. in addition to mandatory weekly sectionals at lunch, students are required to be in attendance at all performances.

“Step by step” approach to wide variety of intermediate and advanced techniques used in a contemporary battery drumline ensemble. Students receive instruction on snare drum, tenors, bass drum and cymbals.

Topics include: stick/mallet choices, grips, sound production, stroke techniques, dynamic control, proper warm-up routines, listening responsibilities, timing/balance, and physical health when carrying and using the instruments. Attention given to both the playing and marching aspects of this unique style of performance.

MU-GUITAR 9-12

Prerequisite: None

Develop skills in chording, finger-picking and writing.

Attention given to theory and playing as an ensemble.

Will learn to play contemporary popular music.

Assessed through tests, performances, and participation.

MU-JAZZ BAND 9/10

Prerequisite: Audition. Students enrolling in Jazz Band must also enroll in Concert Band. Meets outside of timetable – mornings at 7:00am

Provides students with the opportunity for artistic achievement and enrichment through the study and performance of high quality, challenging and stylistically diverse jazz music.

Creates an atmosphere of musical and personal growth through commitment to high standards of respect and cooperation for members of the ensemble, instructors, facilities, musical materials, and the rehearsal process. Create improvisation solos in a performance setting, learn funk, fusion, swing, ballad rock, and other contemporary forms of jazz band and combo music. Jazz History is taught alongside performance skills.

Performances are mandatory. Students are required to provide own instrument or rent instrument from a music store.

MU-JAZZ BAND 11/12

Prerequisite: Audition. Students enrolling in Jazz Band must also enroll in Concert Band.

Provides students with the opportunity for artistic achievement and enrichment through the study and performance of high quality, challenging and stylistically diverse jazz music.

Creates an atmosphere of musical and personal growth through commitment to high standards of respect and cooperation for members of the ensemble, instructors, facilities, musical materials, and the rehearsal process.

Create improvisation solos in a performance setting, learn funk, fusion, swing, ballad rock, and other contemporary forms of jazz band and combo music. Jazz History is taught alongside performance skills.

Performances are mandatory. Students are required to provide own instrument or rent instrument from a music store. Meets outside the timetable.

MU-MUSIC COMPOSITION 10-12

Prerequisite: None. Preferred musical experience is an asset but not required.

This course is designed to give students a good understanding and working knowledge of the fundamental components of music composition, and to lead them through the process of creating their own musical pieces. The course will focus on music composed in the Western tonal style.

Students will practice techniques in creating effective melodies, supporting harmonies, rhythmic patterns, and phrases. Students that cannot read music will be given opportunity to learn some basic music theory to be able to write their own musical compositions.

Students will make step-by-step progress on a number of original composition and arranging projects. With the teacher's guidance, students will work as a class to provide ongoing feedback for each student composer. Students will be given time to write and experiment with different styles of writing and arranging.

Assessment through projects, assignments, and performances.



MU-MUSIC THEORY 12

Prerequisite: None.

Music Theory is for any student that wishes to take an advanced music theory and musicianship course. Musicianship skills, including dictation and other listening skills, sight singing, and harmony are considered an important part of the course. Students will develop the ability to recognize, **understand**, and describe basic materials and processes of tonal music that are heard or presented in a variety of musical scores. Development of aural skills (ear training) is a primary objective. Performance is also part of the curriculum through the practice of sight singing and ear training. Students will understand basic concepts and terminology by listening to and analyzing a wide variety of music. Notational skills, speed, and fluency with basic music are also emphasized.

MU- CONTEMPORARY MUSIC 10-12 (RECORDING ARTS 10-12)

Prerequisite: None

This course will provide a hands-on overview of the professional music industry and the ins and outs of recording with digital media.

Look at the development and evolution of recorded audio in society.

Emphasis on many aspects of music including musical composition and sound for motion pictures. Using computer-based recording techniques, students will be taking a hands-on approach to music creation. Here each student will be able to produce their own recordings.

At the end of the course, students will have their own fully produced digital portfolio or EP.

MU-MUSICAL THEATRE PIT ORCHESTRA 9-12

Prerequisite: At least one year of musical instruction required. Open to students from grades 9-12.

Pit orchestra is a one-semester course designed for students interested in performing in the ensemble for the school's annual musical production. Membership is open to all students, with auditioned or assigned parts determined once the production has been selected in the fall. Students must enroll in the course to be considered for the orchestra, ensuring commitment, preparation, and continuity throughout the rehearsal and performance period. Rehearsals and instruction take place off-timetable, offering some flexibility while still maintaining a balanced schedule. Throughout the semester, students will develop musicianship, ensemble awareness, discipline, and live performance skills in a fast-paced, collaborative setting. The course provides experience working directly with vocalists, actors, directors, and production staff, mirroring real-world theatre and pit-orchestra practices. This is an exciting opportunity for dedicated musicians to contribute to a full-scale production and bring a musical to life from beneath the stage.

MU-STRING ORCHESTRA 9-12

Prerequisite: At least one year of musical instruction required. Open to students from grades 9-12.

Designed to introduce students to the orchestral strings (violin, viola, cello, and double bass) and to enhance the skills of students who have previous experience with orchestral strings.

Assessment through attendance, class participation, performance tests, assignments, concerts, and general effort.

All performances are mandatory.

Students will be required to provide their own instrument or rent from a music store - a string rental night will occur in early Sept.

MU-INSTRUMENTAL SURVEY 11/12

Prerequisite: Band 10 or 11 and Specific permission of the instructor

Gr. 11 (YVPA-10) / Gr. 12 (YVPA-20)

Students will be enrolled in a younger band class, learning new instruments of their choice, and also working with younger students. Students may also assume a teaching/mentor role. Students will be assessed through performance tests, class participation, concerts, practicing, and general effort. All performances are mandatory.



PERFORMING ARTS (PA)

PA-BROADCAST MEDIA PRODUCTION 11

Prerequisite: None. Open to students in Grades 10-12.

This course focuses on the basic techniques of audio, video, lighting, as well as video production, and media broadcasting. Students will apply the knowledge, skills, and attitudes gained from the course to produce videos and media broadcasts. Students will use media-based programs to produce some of their projects. Evaluation on project work, production work, equipment management, and self-management.

PA-BROADCAST MEDIA PRODUCTION 12

Prerequisite: Film & Television 11 or Broadcast Media 11

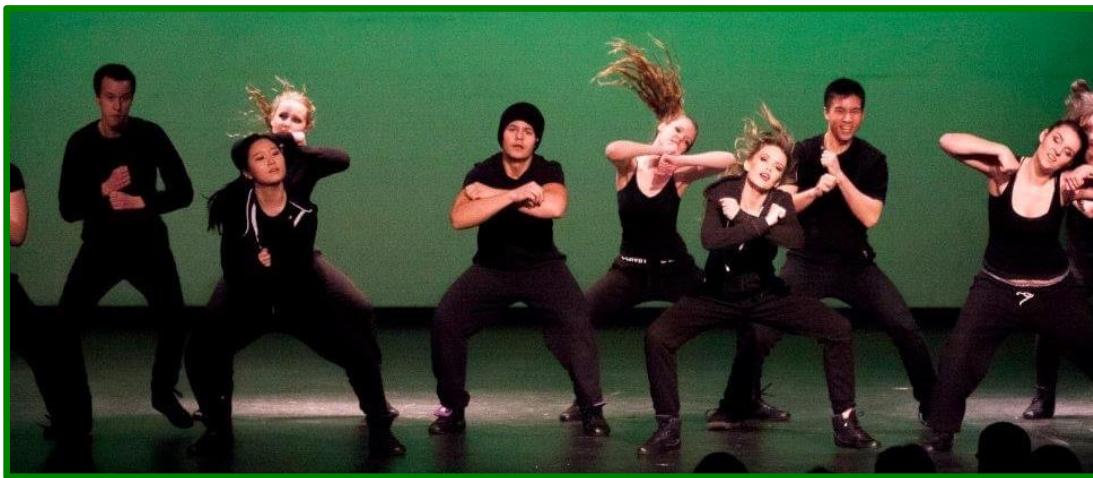
This course focuses will be exploring areas of multimedia production, digital media, podcasts, web series, live stream, and broadcast production. Based on prerequisite course history, students will have choice in areas explored. Select projects will allow students to work areas of media production. There is a focus on hands-on and interactive learning. Students will use media-based programs to produce some of their projects. Evaluation on project work, production work, equipment management, and self-management.

PA-CHOREOGRAPHY 11/12

Prerequisite: Audition required. Date TBA in the Spring.

Choreography students are leaders within the Dance Foundations classes and have opportunities to create choreography in a variety of genres and set a routine for the semester-end evening performance. Students will learn how to create choreography that explores dance foundations like the Elements of Movement theory, dance technique, and dancer safety. Students will lead warm-up, lead across the floor and technique-based activities, and will learn how to teach Elements of Movement and choreographic phrases. Projects include reproducing choreographic styles of well-known choreographers and creating effective lesson plans for future teaching opportunities.

Note: This course runs independently within the Dance Foundations 9-12 classes. Course is individualized and requires the completion of a Dance Portfolio.



PA-DANCE FOUNDATIONS 9/10

Prerequisite: None.

All dance levels welcome – beginner to advanced.

Students will learn a variety of dance genres such as hip hop, jazz, contemporary, tap, musical theatre, and more! Choreography and genre are different each time the course runs.

Introduction to the Elements of Movement theory and movement principles.

Introduction and progression through a variety of dance techniques.

Introduction to historical, social, and traditional dances.

Projects include recreating music video choreography, using contemporary dance to tell meaningful stories, researching a genre, and creating a cardio warm-up routine.

Note: There is a final performance (*so fun!*)

PA-DANCE FOUNDATIONS 11/12

Prerequisite: Dance Foundations 9 or 10 Recommended

All dance levels welcome – beginner to advanced.

Students will learn a variety of dance genres such as hip hop, jazz, contemporary, tap, musical theatre, and more! Choreography and genre are different each time the course runs. Further exploration of the Elements of Movement theory and movement principles. Progression in technique and application to choreography. Further exploration of historical, social, and traditional perspectives of dance. Projects include planning technique-based activities, learning professional choreography from a combo class, using dance as voice to "write" letters to the editor, and creating original cardio warm-up routines.

Note: There is a final performance (Yay!)

PA-DANCE COMPANY 11/12

Prerequisite: Prerequisite: Audition Required. Date TBA in the Spring. It is recommended to take Dance Foundations 10, 11, or 12 prior to this course, or have a minimum of 3-5 years formal dance training in one or more of the following genres: jazz, hip hop, contemporary, stage, ballet, etc. Dance Company is a performance-based ensemble. Students will explore a variety of genres and learn about production and performance, including sound, costumes, choreography, and impacts of set design. Students will take risks to develop as artists, demonstrate leadership, engage in rehearsals and performances, and explore opportunities in dance-related fields. Dance Company will join Dance Foundations classes in a final year-end performance.

Note: In addition to school events, there may be opportunities for Dance Company classes to attend high school dance competitions and perform in the community.

PA-DRAMA 9

Prerequisite: Previous drama an asset but not required.

Students will explore scripting, characterization, mime, dance, improvisation, role playing, sense, storytelling, and choral speaking. This class requires ongoing participation, written reflection, and personal evaluation. Students are evaluated on four unit projects, acting, and performing.

PA-FILM & TELEVISION 9

Prerequisite: None

This course focuses on learning the basic techniques of video production. Students begin learning the essentials of video camera operation and storytelling while gaining experience with non-linear editing systems and other media-based programs. A variety of assignments will reinforce these concepts so that the student's work becomes polished. At appropriate times during the course, video and media concepts will be discussed and explored. Students are evaluated on project work, assignments, equipment management, and self-management.

PA-FILM & TELEVISION 10

Prerequisite: Film & Television 9 recommended. Open to students in grade 10 and 11.

Student groups experience the whole process of film making (in front of & behind the camera), as they produce several short films. Included is the original story concept, development of a treatment, storyboard, and the script. Pre-production looks at casting, blocking, shot lists, and the development of a rehearsal and shooting schedule, while addressing the logistics of locations, costumes and props. Production involves directing, acting, and filming. In post-production, video footage is logged and edit decisions lists (EDLs) created. Everything comes together by way of computer based non-linear editing. At appropriate times during the course, the use of the camera, and audio and lighting fundamentals are taught, along with screen language, and some basic acting techniques, so that the students are able to successfully film and deliver believable performances. Evaluated on project work, tests, equipment management, and self-management.

PA-FILM & TELEVISION 11

Prerequisite: Film & Television 10 recommended. Open to students in grade 11 and 12.

A continuation of the film and television program established at the grade 10 level.

Students new to the program will be introduced to the whole process of film making.

Develop treatments, storyboards, and scripts that illustrate student grasp of screen language, and the utilization of the artistic components of film and television.

After compiling a shot list and filming, students will use non-linear computer-based editing to

produce their films.

Evaluation is on project work, production work, equipment management, and self-management.

PA-FILM & TELEVISION 12

Prerequisite: Film & Television 11

Focus on exploring independent films.

Select stories to tell and develop for independent film.

Development of treatments, storyboards, and scripts that illustrate student's grasp of screen language and the utilization of the artistic components for independent film.

After compiling a shot list and filming, students will use non-linear computer-based editing to produce their film.

Evaluation is on project work, production work, equipment management, and self-management.

PA-THEATRE PRODUCTION 09

Prerequisite: None. Open to students in Grade 9.

Introduction to technical theatre.

Participation in all aspects of technical theatre (stage management, lighting design and operation, set design and construction, sound design, costume design and wardrobe management, makeup, properties construction and management, and stage crew responsibilities) working towards a major production.

Technical work on dance, theatre, music, and other school presentations is also expected.

Evaluation: 50% project work, test scores & assignment completion, and 50% attitude (dependability, reliability & work habits).

PA-THEATRE PRODUCTION 10

Prerequisite: Theatre Production 9 recommended. Open to students in grades 10 and 11.

Participation in all aspects of technical theatre (stage management, lighting design and operation, set design and construction, sound design, costume design and wardrobe management, makeup, properties construction and management, and stage crew responsibilities) working towards a major production.

Technical work on dance, theatre, music, and other school presentations is also expected.

Evaluation: 50% project work, test scores & assignment completion, and 50% attitude (dependability, reliability & work habits).

PA-THEATRE PRODUCTION 11

Prerequisite: Theatre Production 10 recommended. Open to students in grades 11 and 12.

A continuation of the drama support program established at the grade 10 level

Requirement: to develop a concentration in three or more of the following areas: stage management, lighting, sound, costume, makeup, set design, set construction, properties design & construction, stage crew, and wardrobe.

Evaluation: 50% project work, test scores & assignment completion, and 50% for attitude (dependability, reliability & work habits).

PA-THEATRE PRODUCTION 12

Prerequisite: Theatre Production 11

A continuation of the drama support program established at the grade 11 level.

Students will take on roles of management as they work with theatre production crews in the areas of technical theatre: set design and construction, properties, sound, lighting, costume, makeup, stage management, and tech crew.

Evaluation: 50% project work, test scores, and assignment completion, and 50% for attitude (dependability, reliability & work habits).



PA-THEATRE PRODUCTION 11/12: DIRECT/WRITE

Prerequisite: Previous performance course

Students will learn the study, writing, and performance of student-written scripts, while looking at major playwrights throughout theatre history. Students must be prepared to write, act, and direct.

PA-THEATRE PERFORMANCE 10-12

Prerequisite: None.

Develop a deeper understanding of theatre arts through the study of theatrical skills of history and styles of acting. Further emphasis on honing skills and tools needed to develop increased competency in acting and stage performance. Helpful to students whose career choices will lead them to areas such as: Public Speaking, Journalism /Broadcasting, Publications, English Literature and Law.

Evaluation based on: learning the craft (commitment, attendance in class and at rehearsals; practice learning lines, rehearsing, and character development; terms and definitions - learning and using terms related to acting and performance); knowledge acquisition (rehearsing, learning lines); and development and progress. Each term students' work will be assessed as to their progress in understanding and performance. Student journal (charting your own progress) 20%.

PA-MUSICAL THEATRE (OUT OF TIMETABLE) 9-12* BY AUDITION ONLY!

* This course exists outside of the timetable, running daily after school in semester 1, and will be added to your schedule after the audition process.

Prerequisite: By audition only - open to Grades 9-12. This is an advanced multi-art course for students who are interested in live musical theatre performance.

Audition Requirements:

- Must be prepared to sing, dance and act
- Must prepare a one-minute monologue

Audition: T.B.A. - Please contact Ms. Guy for appointment at alison_guy@sd33.bc.ca



BEFORE May 1st. Students will learn acting, singing, dancing and/or movement as it applies to the year's major musical production. In addition to rehearsing for the production, students may be expected to do reading and writing assignments, and a term project. Evaluation: performance and rehearsal commitment.



PHYSICAL AND HEALTH EDUCATION (PHE)

PHE-PHYSICAL & HEALTH EDUCATION 9

Students will develop an understanding of how lifelong participation in physical activity has many benefits and is an essential part of a healthy lifestyle. They will gain an understanding of how healthy choices influence our physical, emotional, and mental well-being. Students will engage in a variety of activities that will promote lifelong participation in physical activity. Active participation is required for all students.

PHE-PHYSICAL & HEALTH EDUCATION 9 - ALTERNATE DELIVERY

This course is delivered in a classroom setting and is designed to assist in the development of physical fitness skills and knowledge to pursue a healthy lifestyle. Mental health literacy will be explored, and students will research and report on aspects of physical fitness including nutrition, psychology and conditioning. Students will be required to maintain a weekly activity log and develop individualized goals, demonstrate knowledge, and implement a training program.

PHE-PHYSICAL & HEALTH EDUCATION 9 - HEALTH & FITNESS

This class meets in the Fitness/Dance Studio.

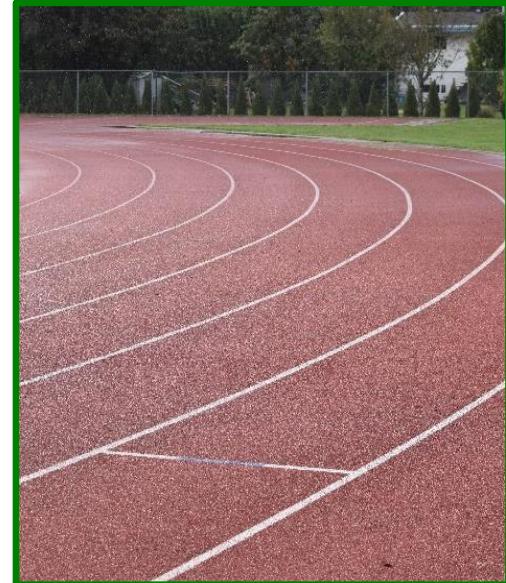
Students will participate in daily activity covering the key components of a balanced fitness program (cardiovascular, muscular endurance, strength and flexibility). Students will be exposed to a variety of fitness classes (strength, dance/Zumba fitness, step aerobics, kickboxing, boot camp, Pilates, yoga and more). All fitness levels are welcome. Students will learn how healthy choices influence and are influenced by their physical, emotional, and mental well-being, and will develop skills and knowledge to maintain a healthy active lifestyle beyond graduation.

PHE-PHYSICAL & HEALTH EDUCATION 10

Prerequisite: Physical Education 09

As an extension of PHE 9, students will:

Develop an understanding of how lifelong participation in physical activity has many benefits and is an essential part of a healthy lifestyle. They will learn how healthy choices influence our physical, emotional, and mental well-being. Students will engage in a variety of activities that will promote lifelong participation in physical activity. Active participation is required for all students.



PHE-PHYSICAL & HEALTH EDUCATION 10 - ALTERNATE DELIVERY

Designed for students to receive PHE 10 credit that would normally choose a Distance Education route.

This course assists in the development of physical fitness skills and knowledge to pursue a healthy lifestyle in a classroom setting. Students will research and report on aspects of physical fitness including nutrition, psychology and conditioning. Student will receive basic First Aid training and will be required to maintain a weekly activity log. This course involves students developing individualized goals, demonstrating knowledge, and implementing a training program.

This course does not serve as a prerequisite to PHE 11.

PHE-PHYSICAL & HEALTH EDUCATION 10 - HEALTH & FITNESS

Prerequisite: Physical & Health Education 09

This class meets in the Fitness/Dance Studio.

Students will participate in daily activity covering all the key components of a balanced fitness program (cardiovascular, muscular endurance, strength and flexibility). Students will be exposed to a variety of fitness classes (strength, dance/Zumba fitness, step aerobics, kickboxing, boot camp, Pilates, yoga and more). All fitness levels are welcome. Students will learn how healthy choices influence and are influenced by their physical, emotional, and mental well-being and will develop skills and knowledge to maintain a healthy active lifestyle beyond graduation.

PHE-HEALTH & FITNESS 11

Prerequisite: Physical and Health Education 10

This class meets in the Fitness/Dance Studio.

Students will participate in daily physical activity covering all the key components of a balanced fitness program (cardiovascular, muscular endurance, strength and flexibility). Students will learn proper/safe techniques for all strength training exercises using a variety of equipment and exercise styles. Students will participate in a variety of fitness classes (strength, dance/Zumba fitness, step aerobics, kickboxing, boot camp, Pilates, yoga and more). All fitness levels are welcome. Students will learn how personal choices influence their health and fitness goals and will develop skills and knowledge to maintain a healthy active lifestyle beyond graduation.



PHE-HEALTH & FITNESS 12

Prerequisite: Health & Fitness 11 or Active Living 11

This class meets in the Fitness/Dance Studio.

Combining daily physical activity covering all the key components of a balanced fitness program (cardiovascular, muscular endurance, strength and flexibility), students will participate in a variety of fitness classes (strength, dance/Zumba fitness, step aerobics, kickboxing, boot camp, Pilates, yoga and more). All fitness levels are welcome. Students will learn proper/safe techniques for all strength training exercises using a variety of equipment and exercise styles. Students will learn how personal choices influence their health and fitness goals and will develop skills and knowledge to maintain a healthy active lifestyle beyond graduation.

PHE-ACTIVE LIVING 11

Prerequisite: Physical & Health Education 10

This course will emphasize the preparation for an active and healthy lifestyle after students leave school. Students will participate and develop skills in a variety of physical activities that have the potential for lifelong involvement. Lifetime sports and leisure activities are the major focus. The course will consist of activities which use both school and community facilities, including ice skating, curling, hiking, bowling, racquet ball, badminton, basketball, ultimate frisbee, volleyball, aerobics, minor games and racquet sports, and many community-centered leisure activities.

PHE-ACTIVE LIVING 12

Prerequisite: Active Living 11

This course will emphasize the preparation for an active and healthy lifestyle after students leave school. Students will participate and develop skills in a variety of physical activities that have the potential for lifelong involvement. Lifetime sports and leisure activities are the major focus. The course will consist of activities which use both school and community facilities, including ice skating, curling, hiking, bowling, racquet ball, badminton, basketball, ultimate frisbee, volleyball, aerobics, minor games and racquet sports, and many community-centered leisure activities.

PHE-STRENGTH & CONDITIONING 11/12

Prerequisite: A 'B' grade in the previous Physical Education course and a high level of personal motivation.

Designed to prepare students to achieve short term strength & conditioning goals as part of a lifelong active lifestyle. This course involves students in developing individualized goals and implementing the training program to succeed.



PHE-STRENGTH & CONDITIONING 11/12 (OOT - BEFORE SCHOOL)

Prerequisite: A 'B' grade in the previous Physical Education course and a high level of personal motivation.

THIS CLASS RUNS FULL YEAR, EVERY OTHER DAY, FROM 7AM to 8:10AM

See Strength & Conditioning description above.

This option is for elite athletes that want to add to their current training program OR students that are committed to a healthy, active lifestyle, but due to timetable restraints are not able to schedule it into their regular course load.

PHE-SWIMMING AND LIFESAVING 9-12 (7AM START TIME)

Prerequisite: Swimming Proficiency is required - Students must be able to swim 100m continuously in less than 3 minutes prior to taking the course. Application required.

Description: The course will include a variety of Aquatic activities (swimming, water rescue, etc). This is a pre-employment program in partnership with the YMCA, and the course will be scheduled for 2-3 classes per week at the Cheam pool beginning at 7:00am. Throughout the duration of the course, students will be given instruction towards attaining their Bronze Medallion, Bronze Cross, and Standard First Aid certifications (if they don't already have them). These are the prerequisites for the National Lifeguard course.

Credits:

- PHE Swimming and Lifesaving 9 fulfills the requirements for PHE 9
- PHE Swimming and Lifesaving 10 fulfills the prescribed graduation requirement for PHE 10
- PHE Swimming and Lifesaving 11 fulfills a grade 11 elective course credit.

PHE-PHE LEADERSHIP 9-12

Prerequisite: A "B" grade or higher in previous Physical Education Courses. Open to students in grades 9 through 12. Application required.

Designed to introduce and involve students interested in coaching, sports management, minor officiating, and careers in the athletic and recreational disciplines, this course promotes leadership and organization as it relates to athletics. Group activities include team-building activities, PE (basketball, football, volleyball, minor games, etc.). Students are provided with the opportunity to organize special school events, such as the Terry Fox Run, pep rallies, Alumni Basketball Game, football breakfast, intramurals, and more. Students will be required to engage in activities outside of class time to meet all requirements.



PHE-PHE BASKETBALL 9/10 (MALE)

Prerequisite: Designed for motivated athletes in grades 9-12.

PHE Basketball 9 fulfills the prescribed learning requirements for Physical Education 9.

PHE Basketball 10 fulfills the prescribed graduation requirement for PHE 10.

Designed for motivated athletes in grade 9 who wish to continue their passion of basketball by focusing on a training regime through a sport specific program. This course will assist students in building Basketball specific skills such as individual skills, team formations, and tactical awareness. Supplemented with plyometric, sport specific weight training, agility and core training, aerobic and anaerobic training.

PHE-PHE BASKETBALL 11/12 (MALE)

Prerequisite: Designed for motivated athletes in grades 11-12.

PHE 11-12 Basketball fulfills the prescribed learning requirements for Physical Education 11-12.

Designed for motivated athletes in grades 11-12 who wish to continue their passion for basketball by focusing on a training regime through a sport specific program. This course will assist students in building Basketball specific skills such as individual skills, team formations, and tactical awareness. Supplemented with plyometric, sport specific weight training, agility and core training, aerobic and anaerobic training.

PHE-PHE BASKETBALL 9/10 (FEMALE)

Prerequisite: Designed for motivated female athletes in grade 9 and 10.

PHE Basketball 9 fulfills the prescribed learning requirements for PHE 9.

PHE Basketball 10 fulfills the prescribed graduation requirement for PHE 10.

Designed for motivated female athletes in grade 9 and 10 who wish to continue their passion for basketball by focusing on a training regime through a sport specific program. This course will assist students in building Basketball specific skills such as individual skills, team formations, and tactical awareness. Supplemented with plyometric, sport specific weight training, agility and core training, aerobic and anaerobic training.

PHE-PHE BASKETBALL 11/12 (FEMALE)

Prerequisite: Designed for motivated athletes in grades 11-12.

PHE 11/12 Basketball fulfills the prescribed learning requirements for Physical Education 11/12.

Designed for motivated athletes in grades 11-12 who wish to continue their passion for basketball by focusing on a training regime through a sport specific program. This course will assist students in building Basketball specific skills such as individual skills, team formations, and tactical awareness. Supplemented with plyometric, sport specific weight training, agility and core training, aerobic and anaerobic training.

PHE-PHE FOOTBALL 9-12

Prerequisite: Designed for motivated athletes in grades 9-12.

This course will focus on football specific training. Previous football experience is not required. The course will focus on skill development (catching, throwing, stance, footwork, punt, kick), improvement in agility, positional play, fitness, goal setting, understanding of high school football

rules, sportsmanship, and daily participation. This course will also briefly introduce proper weight training lifts and exercises. Students who are interested in this course should be self-motivated and should be prepared to train outside.

PHE-PHE SOCCER 9-12

Prerequisite: Open to students in grades 9-12.

Designed for all levels of athlete in grades 9-12 who wish to continue their training regime through a sport-specific program. This course will assist students in building soccer specific skills such as individual skills, team formations, and tactical awareness. Supplemented with plyometric, sport specific weight training, agility and core training, aerobic and anaerobic training.

PHE-PHE VOLLEYBALL 9-12 (BEGINNER/INTERMEDIATE)

Prerequisite: Designed for motivated athletes in grades 9-12 who are new to the sport of volleyball, or who do not yet have any high school or club experience.

Designed for motivated athletes in grades 9 -12 who wish to continue their passion for Volleyball by focusing on a training regime through a sport specific program. This course will assist students in building Volleyball specific skills such as individual skills, team formations, and tactical awareness.

PHE-PHE VOLLEYBALL 9-12 (ADVANCED)

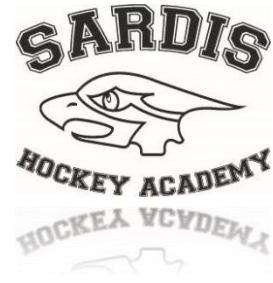
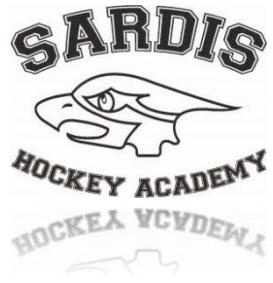
Prerequisite: By application. Upon approval of the PHE dept.

Advanced volleyball skills, play, and tactics reserved for players having 3+ years of volleyball playing experience.

Hockey Academy

PHE-PHE HOCKEY SKILLS 9-12 & PHE-PHE HOCKEY THEORY 9-12 (MUST ENROLL IN BOTH CLASSES)

Prerequisite: Application & Tuition Fee. Open to students in grades 9 through 12.



The Hockey Skills Development Program is for students who have a passion for hockey. This is a linear program. Students will participate in three on-ice and two off-ice development sessions per week from September – June.

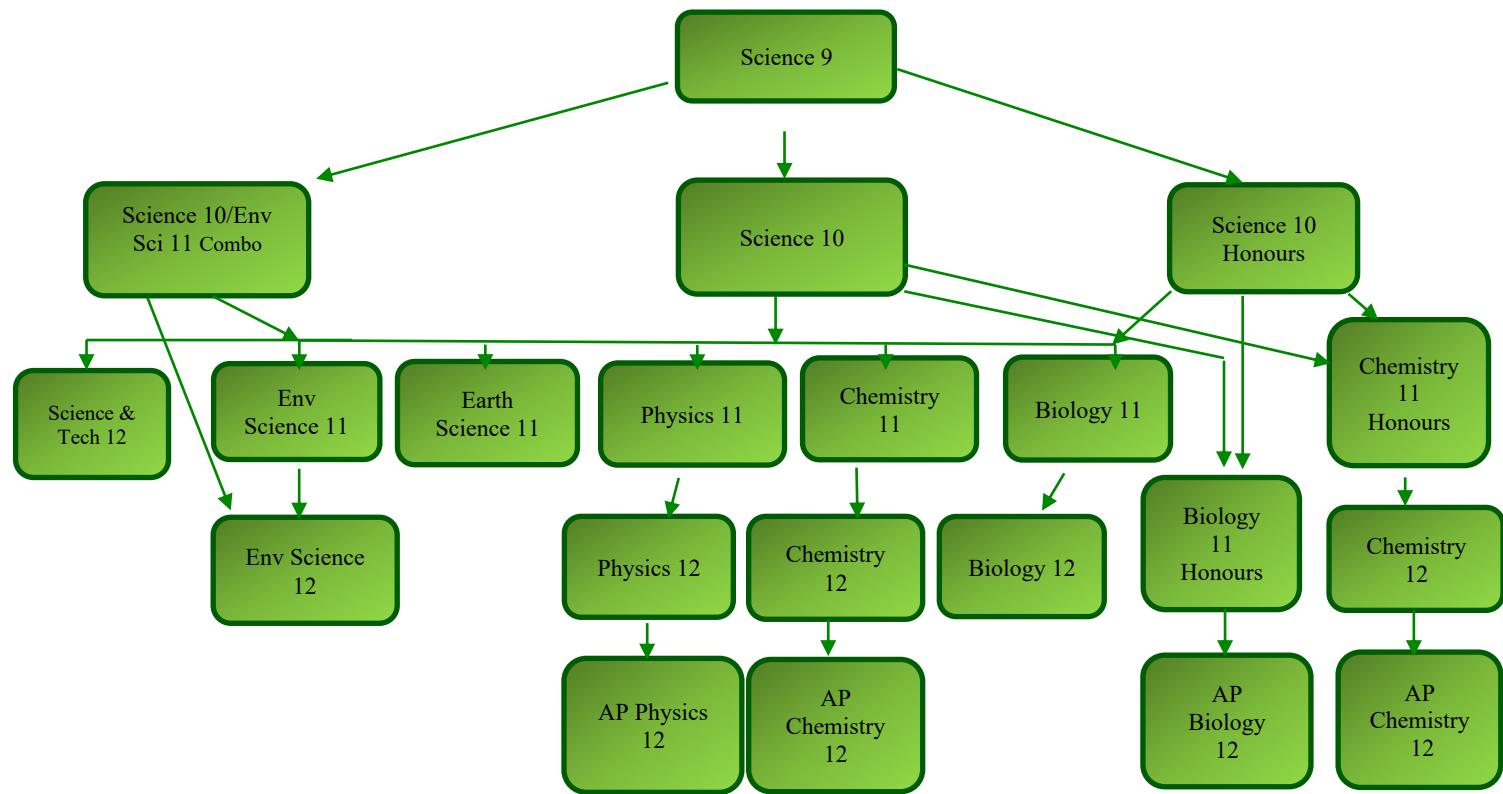
Skill development and hockey specific training (on and off ice) include individual (stick, possession, passing, power skating, shooting, checking) and team (play, transition, special teams) offensive and defensive skills, agility, balance, cardio, muscular strength and endurance, nutrition, and leadership.

Viable post-secondary planning: including NCAA Division I & II, CIS, Canadian College.

Application can be downloaded at: www.sardissecondary.ca. **There is a mandatory, on-ice skill assessment for all applicants prior to acceptance. In addition, all applicants must be currently active at a minimum of CHWK Minor Hockey House level.**



SCIENCE (SC)



SC-SCIENCE 9

Big Ideas:

Cells are derived from cells.

The electron arrangement of atoms impacts their chemical nature.

Electric current is the flow of electric charge.

The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.

Typical activities: lectures, projects, demonstrations, and labs

SC-SCIENCE 10

Prerequisite: Science 9

Core topics: Processes of Science, Genetics, Chemical Processes, Energy, Formation of the Universe

Typical activities: lectures, projects, demonstrations, and labs

Prepares students for continued studies in one or more of the grade 11 science options

Assessment: Content and curricular competencies will be assessed based on a combination of assignments (labs/projects), quizzes, tests and a comprehensive Final Exam at the end of the course.

SC-SCIENCE 10/AGRICULTURE 11 (ENVIRONMENTAL SCIENCE) (DOUBLE BLOCK)

Combo course – 2 consecutive blocks in the timetable. Students will receive credit for both their Science 10 and Science 11 graduation requirements.

Science 10 Prerequisite: Science 9 and a willingness to participate in outdoor activities. Students will spend a considerable number of classes at the school farm and should be prepared to walk there and back from the school or arrange their own rides.

- Students will get credit for completing Science 10 because we will learn about DNA/genetics, chemical processes, conservation of energy and Big Bang Theory.
- Since this course is taught with Agriculture 11, there will be a large emphasis on how agricultural practices are affected by the concepts learned in Science 10
- Students must be willing to do hands-on, physical labour at our school farm and in our school greenhouse. Duties will include digging, weeding, planting, harvesting, wheel-barrowing, lawn mowing, pruning, composting, watering, chicken care and more.
- In addition to the outdoor learning component, students will also be expected to complete labs, assignments, quizzes and tests.

Agriculture 11 Prerequisite: Willingness to participate in activities outside of the classroom, including physical labour at the school farm and the school greenhouse.

- General introduction to modern agriculture in B.C., concentrating on local agriculture in the Fraser Valley.
- Topics include greenhouse horticulture, sustainable gardening, various agriculture commodities (dairy, poultry, etc), fisheries, forestry, wildlife conservation.
- Activities are lectures, labs, project work (hands-on work in the greenhouse, barn and school farm), field trips, and guest speakers.

SC-SCIENCE 10 HONOURS

Prerequisite: Science 9. Students will be selected for admission based upon effort and achievement in Science 9.

Core topics: Processes of Science, Genetics, Chemical Processes, Energy, Formation of the Universe.

Expanded Honours Topics: Honours students will cover more advanced topics in each of the sections of Science 10 in addition to numerous enrichment activities such as field trips and guest speakers.

Typical activities: laboratory experiments, lectures, demonstrations, assignments, field trips and guest speakers.

Assessment: Content and curricular competencies will be assessed based on a combination of assignments (labs/projects), quizzes, tests, and a comprehensive Final Exam at the end of the course.

SC-SPECIALIZED SCIENCE 12 (SCIENCE AND TECHNOLOGY)

Prerequisite: Science 10 or teacher permission

This course is designed to be practical, hands-on and a fun approach to Science with theory components.

Range of students varies: those that struggled with Sc. 10, like to build things, and/or wish to increase their knowledge.

Much of the time will be used to design, build and test self-constructed prototypes so students have to be willing to learn how to use different tools and materials.

Content: Technology, Space, Transportation & Forensics.



SC-ENVIRONMENTAL SCIENCE 11 (AGRICULTURE 11)

Prerequisite: Science 10 or teacher recommendation.

This course is designed to teach concepts around food production using hands-on methods, primarily at the school greenhouse. Students will learn skills in growing food in the SSS Greenhouse (peppers, tomatoes, cucumbers), growing field crops at the SSS Farm, and growing flowers in the SSS Greenhouse. Students will also learn about animal agriculture through field trips and guest speakers. Students can expect roughly 50% theory and 50% doing hands-on activities in the greenhouse or at the farm. Topics will include the sustainability of agriculture, forestry and fisheries in BC.

SC-ENVIRONMENTAL SCIENCE 12 (AGRICULTURE 12)

Prerequisite: Science 10 or teacher recommendation. Agriculture 11 or summer program must be completed before Agriculture 12.

This course is an extension of Agriculture 11. Students will be given greater responsibility in managing aspects of the SSS Greenhouse and the SSS Farm. They will be included in crop planning, managing sales of produce, and spend time learning about current global issues in the world of agriculture and food production. As in Agriculture 11, a large component of this class will be learning through hands-on methods that complement the theory learned in class.

SC-AGRICULTURE 12/CONCURRENT SCIENCE STUDIES 12 (DOUBLE BLOCK)

This course will be offered over both morning blocks for the entire semester, allowing students to complete 2 grade 12 courses and a first-year university Agriculture course (subject to approval). This course is created for students who have a passion for agriculture and who have excelled in Ag 11 or the summer agriculture program. Students will spend a large component of their time at the SSS Farm planning, implementing and managing crops and working on the CSA program offered by the Ag program. Students will do a project that coincides with their passions in agriculture in either: pest management, crop planning, or the business of agriculture.

SC-APPLIED BIOLOGY (DOUBLE BLOCK- BIOLOGY 11/ENVIRONMENTAL SCIENCE 11)

Prerequisite: Science 10

This is a back-to-back course of Biology 11 and Environmental Science 11, earning 8 graduation credits upon completion. We will explore all of the organisms on the planet, how they interact and how humans impact them changing the world around us. The hands-on component of the course includes dissections, sustainable agriculture and forestry applications such as Integrated Pest Management. This course can act as a prerequisite to both Biology 12 and Environmental Studies 12.

SC-LIFE SCIENCES 11 (BIOLOGY 11)

Prerequisite: Recommended Science 10 (with a C or higher recommended)

Survey course of the 5 Kingdoms found in nature, viruses & bacteria, classification, and evolution. Lab based course with labs worth 25% of the course.

Dissection of earthworms, crayfish, frogs, and others.
Evaluation is based on tests, labs, assignments, and a final exam.

SC-LIFE SCIENCES 11 HONOURS (BIOLOGY 11 HONOURS/AP BIOLOGY PART 1)

Prerequisite: Science 10 Honours (with B or higher recommended), or Science 10 with teacher recommendation.
Expect demanding course content and to enroll in AP Biology the following year. The content of this course will continue in AP Biology.
Core Topics: genetic makeup of populations; growth, reproduction, and maintenance of living systems; processing of genetic information, nutrient cycles, origin of living systems in nature.
Typical activities: Laboratory experiments, lectures, and assignments.
Evaluation: Based on tests, quizzes, and labs. This course will have a final, comprehensive exam.

SC-ANATOMY & PHYSIOLOGY 12 (BIOLOGY 12)

Prerequisite: Biology 11 (with a C+ or higher recommended)
Topics include Human Anatomy/Physiology (Digestion, Cardiovascular, Respiratory, Urinary, Nervous, & Reproduction), Cytology, Biochemistry, and Protein Synthesis.
Evaluation is based on tests/quizzes and assignments and a comprehensive final exam. Students should have strong reading and comprehension skills.

SC-AP BIOLOGY 12

Prerequisite: Biology 11 Honours (with a C+ or higher is recommended).
Designed to be equivalent to a first-year college general biology course.
Contributes to development of a student's abilities to think clearly and express ideas orally and in writing, with clarity and logic.
Course is a continuation of Honours Biology 11.
Content: Feedback mechanisms; growth and homeostasis; cellular and molecular mechanisms; transmission of information between biological systems.
Typical Activities: Laboratory experiments, lectures, and assignments.
Evaluation: Based on tests, quizzes, and labs. This course will have a final, comprehensive exam.
AP Exam - costs will be required.

SC-CHEMISTRY 11

Prerequisite: Science 10 and Foundations of Math & Pre-Calculus 10 (with a C+ average or higher recommended) Recommended that Pre-Calculus 11 be taken concurrently with this course. Course content is demanding.
Core Topics: Atoms and Molecules; The Mole; Chemical Reactions; Solution Chemistry; Introduction to Organic Chemistry.
Typical Activities: In-class activities, laboratory experiments, lectures, demonstrations, and assignments.
Evaluation: Based on tests, quizzes, and labs. This course will have a final, comprehensive exam.

SC-CHEMISTRY 11 HONOURS

Prerequisite: Science 10 Honours & Foundations of Math and Pre-Calculus 10 (with a B average or higher recommended), or Science 10 teacher recommendation.
Recommended that Pre-Calculus 11 be taken concurrently.
Expect demanding course content and to enroll in AP Chemistry 12 the following year.
Core Topics: Atoms and Molecules; The Mole; Chemical Reactions; Solution Chemistry; Introduction to Organic Chemistry.
Expanded Topics: Quantum Numbers; Molecular Geometry; Chemistry of Transition Metals; Complex Ions.

Typical Activities: In-class activities, laboratory experiments, lectures, demonstrations, and assignments. Evaluation is based on homework quizzes, labs, projects, tests, and a comprehensive final exam.



SC-CHEMISTRY 12

Prerequisite: Chemistry 11 with a C+ average or higher. Chemistry 11 (with a C+ or higher is recommended) The course has a heavy mathematical basis and therefore requires an average of C+ or higher in Pre-Calculus 11. Students are also advised to take Pre-Calculus 12 or Foundations of Mathematics 12. Topics: Reaction Kinetics; Equilibrium; Solubility of Ionic Substances; Acids, Bases, and Salts; Electrochemistry. Typical Activities: In-class activities, laboratory experiments, lectures, demonstrations, and assignments. Evaluation is based on homework quizzes, labs, projects, tests, and a final exam.

SC-AP CHEMISTRY 12

Prerequisite: Chemistry 12 (may be taken concurrently), and Pre-Calculus 11 (with a C+ average or higher is recommended) Designed to be equivalent to a first-year university general chemistry course. Contributes to development of a student's abilities to think clearly & express ideas orally & in writing, with clarity and logic. Review Topics: Matter & Measurements; Atoms, Molecules, & Ions; Chemical Formulas and Equations; Electronic Structure; The Periodic Table and the Main Group Metals; Covalent Bonding; Liquids and Solids; Organic Chemistry; Quantum Numbers; Molecular Geometry; Chemistry of Transition Metals; Complex Ions; Nuclear Chemistry. Expanded AP Topics: Kinetics & Thermochemistry; Gas Laws & Gaseous Equilibrium; Qualitative Analysis; Non-metals; Molecular Structure; Liquids and Solids. Typical Activities: In-class activities, laboratory experiments, lectures, demonstrations, and assignments. Evaluation is based on homework quizzes, labs, projects, tests, and a final exam. AP Exam – exam costs will be required.

SC-EARTH SCIENCE 11

Prerequisite: Science 10 Course content: Geology (Rocks, Minerals, Resources, Plate tectonics, Earthquakes & Volcanoes) Meteorology / Oceanography (Atmosphere, Hydrosphere & Climate change), Astronomy (Solar System, Stars & Technology). Activities / Assessment: Labs, Projects, Virtual field trips, Interactive activities & presentations.

SC-PHYSICS 11

Prerequisites: Science 10 and Foundations Math 10 (with a C+ or greater is recommended) Recommended that Pre-Calculus 11 be taken concurrently with this course. Course content is demanding. Course content includes: motion graphs, vectors, kinematics, forces, energy, waves, and electric circuits. Typical activities include lecture, labs, projects, demonstrations, and experiments. Learning projects may include building medieval trebuchets or egg drop survival mission. Evaluation is based on homework quizzes, labs, projects, and tests. Students need to be proficient in mathematics, especially algebra. Evaluation is based on homework quizzes, labs, projects, tests, and a final exam.

SC-PHYSICS 12

Prerequisites: Physics 11 and Pre-Calculus Math 11 (with a C+ or greater is recommended)

- Course content includes special relativity, forces, circular motion, energy, momentum, torque, static electricity, magnetism, and induction.
- Course content is demanding so the level of work ethic needs to be high.
- Typical activities include lecture, labs, projects, demonstrations, and experiments.
- Evaluation is based on homework quizzes, labs, projects, and tests.
- Students should be proficient in mathematics and have achieved at least a C+ in Physics 11 & Math 11.
- Evaluation is based on homework quizzes, labs, projects, tests, and a final exam.

SC-AP PHYSICS 12

Prerequisites: Physics 12 and Pre-Calculus 11 (with a C+ or higher recommended)

Designed to be equivalent to a first-year university physics course where students deepen their understanding of physics by developing and exploring physical phenomena and models through labs, projects, and inquiry investigations.

Expect demanding course content where students further explore the following topics: Kinematics, Forces and Translational Dynamics, Work, Energy and Power, Linear Momentum, Torque and Rotational Dynamics, while being introduced to other topics such as Energy and Momentum of Rotating Systems and Fluids.

Typical activities include in-class activities, laboratory experiments, lectures, demonstrations, and assignments.

Evaluation is based on homework quizzes, labs, projects, tests, and a final exam.

AP Exam in May- Exam costs will be required.



SOCIAL STUDIES (SS)

SS-SOCIAL STUDIES 9

Social Studies 9 is a required course that will explore important events from 1750 to 1914 that shaped Canada and the world. Students will inquire into and use historical evidence to understand and analyze key events and consider multiple perspectives. The following themes will run throughout this course.

- The impact of emerging ideas
- How the physical environment influences everything
- Power and power imbalances
- The changing nature of identity

SS-SOCIAL STUDIES 10

Prerequisite: Social Studies 9

Social Studies 10 is required for graduation. This course examines the local, national, and international events from 1914 to the present that have shaped today's political and social life in Canada. Students will examine causes and consequences of the global conflicts and cultural developments from multiple perspectives that have led us to where we are as a country today. The following themes will run throughout this course.

- Global and Regional Conflicts
- The development of Political Institutions
- World Views and differing perspectives
- Historical and Modern Injustices.

SS-20TH CENTURY WORLD HISTORY 12

Prerequisite: Social Studies 10

This course addresses critical events and movements from the 20th century that have shaped our world. We will develop an understanding of the political and social currents of today through an analysis of historical events, primary and secondary sources, documentary film and historical fiction.

Topics include:

- Major global conflicts such as the conclusion of World War I, World War II, and the Cold War
- Civil wars, independence movements and revolutions
- Religious, ethnic/cultural conflicts, genocide, and democide
- Various political, ideological, and social movements which can include feminism, civil rights, democracy, communism, and fascism.
- The rapid development and proliferation of technology

This course meets the Social Studies 11 or 12 credit requirement for graduation.

SS-BC FIRST PEOPLES 12

Prerequisite: Social Studies 10

This course examines the histories, cultures, and perspectives of First Peoples in British Columbia. Students will examine questions of culture, activism, and reconciliation as they broaden their understanding of Indigenous identity in Canada.

Topics include:

- Interconnection of family relationships, language, culture, and the land
- The resilience and survival of indigenous peoples through colonialism.
- Community and economic development.
- Treaty relations and government policies.
- Political Activism and supporting the continuity of culture.



This course meets the Social Studies 11 or 12 as well as the Indigenous-focused credit requirement for graduation.

SS-COMPARATIVE CULTURES 12

Prerequisite: Social Studies 10.

Using key moments and developments from ancient history as a backdrop, students will be exploring and connecting to important concepts related to how cultures develop, change, and interact with one another. Partly a project-based course, students will examine various cultures globally and specialize in one or more topics.

Topics include:

- Military and Political Studies
- Literature and Mythology
- Art and Architecture
- Society and Culture
- Technology
- Philosophy and Religion

This course meets the Social Studies 11 or 12 credit requirement for graduation.

SS-COMPARATIVE WORLD RELIGIONS 12

Prerequisite: Social Studies 10.

This course is a critical examination of the major religious, spiritual, and philosophical traditions that have shaped global human societies. We will investigate the core beliefs, practices, ethics, and social structures of global faiths, including the spirituality of First Peoples cultures in British

Columbia. Students will analyze sacred texts, artistic expressions, and the historical development of these systems, assessing how they continue to influence contemporary social, political, and cultural values worldwide. This course places a strong emphasis on project-based learning, allowing students to explore topics in-depth through creative and research-focused work. This course will be very discussion-based, focusing on respectful and evidence-informed dialogue to explore complex perspectives. Course assessment is based primarily on a variety of assignments, including analytical paragraphs, presentations, and seminar participation.

SS-ECONOMIC THEORY 12

Prerequisite: Social Studies 10.

This course examines current and past economic theories and practices throughout the world. Students will explore economic conditions from different perspectives and how competing economic theories affect social movements and political decision making. As well, this course will consider the underlying (and often opposing) ethical standards of various economic systems.

Topics include:

- Modern and classical economic thought
- Theories of money, banking, and government policy
- Capitalism and Communism

This course meets the Social Studies 11 or 12 credit requirement for graduation.

SS-CONTEMPORARY INDIGENOUS STUDIES 12

Prerequisite: Social Studies 10.

This course examines the histories, identities, and world views of Indigenous peoples throughout the world. Students will explore the local and global effects of colonization and examine the question of how to restore balance through healing and reconciliation.

Topics include:

- Resilience and survival in the face of colonialism
- Responses to inequalities in Canada and around the world
- Interconnection of relationships, culture, and land.

This course meets the Social Studies 11 or 12 as well as the Indigenous-focused credit requirement for graduation.

SS-HUMAN GEOGRAPHY 12

Prerequisite: Social Studies 10

This course explores how humans interact with the world in terms of space and place. Students will explore how factors and events involving culture, religion, the economy, urbanization, and politics interact with each other and impact human societies.

Topics include:

- Demographic patterns
- Relationships between cultural traits, use of physical space, and the environment
- Global agricultural and industrial practices
- Urbanization
- Political organization of geographic regions

This course meets the Social Studies 11 or 12 credit requirement for graduation.

SS-LAW 12

Prerequisite: Social Studies 10

This course examines multiple aspects of our legal system including the origins of Canadian law, the criminal code, and the values that inform what laws are created and how they are interpreted. Students will examine their individual rights and responsibilities, criminal case studies, the judicial and correctional systems, different areas of law, and dispute resolutions.

Topics include:

- Legal rights and freedoms
- The power of courts and tribunals
- Areas of law (criminal, civil, family, youth etc.)
- Punishment, rehabilitation, and restoration

- Dispute resolution

This course meets the Social Studies 11 or 12 credit requirement for graduation.

SS-PHILOSOPHY 12

Prerequisite: Social Studies 10

This course provides tools for investigating meaning and fostering understanding of different ways of thinking. We will explore questions related to ethics, values and beliefs while questioning the political and social structures upon which society is based. Students will examine their own beliefs and question their assumptions to better understand themselves. Many courses answer the questions.... Philosophy 12 questions the answers.

Topics include:

- Reason and Logic: the tools of the philosopher
- Are mind and brain the same thing? An exploration of existence, reality, and metaphysics
- How do we know if we're right? Ethics and ethical decision-making in complex situations
- How are we supposed to live together? Political and social philosophy in our community and in the world
- What does it mean to know something? Epistemology and the philosophy of knowledge

SS-POLITICAL STUDIES 12

Prerequisite: Social Studies 10.

This course explores the power relationships between citizens, government, and other bodies in the creation of public policy. Throughout the course, students will examine the structure and function of Canadian and First Peoples political institutions; major ideologies and political systems; and our election processes and electoral systems.

Topics include:

- Democratic decision-making
- Media and public opinion
- Political systems based on democracy, fascism, and communism
- Issues in local, regional, national, and international politics

This course meets the Social Studies 11 or 12 credit requirement for graduation.

SS-SOCIAL JUSTICE 12

Prerequisite: Social Studies 10

This course examines from multiple perspectives the concept of *Social Justice* as well as past and present struggles to fight for equality. Students will examine the sources of inequality and evaluate the effectiveness of efforts to achieve a more equal community, country, and world.

Topics include:

- Equality, ethics, and social responsibility
- Connections between politics, government, and religion
- Current and historical social justice issues in Canada and the world.
- Understanding and supporting marginalized groups

This course meets the Social Studies 11 or 12 credit requirement for graduation.



INCLUSIVE EDUCATION: Inclusive Education classes refer to education placement with support, as per individual education needs. The focus of these classes are functional literacy, numeracy, life skills, and executive function and studentship skills.

INDIGENOUS STUDENT SUPPORT Indigenous Student Support is available as an additional service to students who self-identify as Indigenous. Members of our Indigenous Student Support Team can be accessed before school, at lunch, or after school.

ST-ENGLISH LANGUAGE ACQUISITION 9-12

This program welcomes any student who has a *language in addition to English in the home*; this includes Canadian citizens, Permanent Residents, temporary residents and International students. Grade 10, 11 and 12 courses earn students 4 credits each towards graduation (up to 12 credits).

These courses help English as an Additional Language students improve proficiency in the English language, facilitating student success in language-based high school courses.

Students receive academic support for their subject classes; they practice skills and strategies to increase competency in and command of the English language.

Students will investigate and express understanding of diverse cultural customs, including those of Canada. Students make connections with peers, staff, and the larger community; assistance is provided to connect through social events, clubs, sports, community programs as well as volunteering, job search and post-secondary applications.

ST-LEARNING ASSISTANCE/STRATEGIES 10-12

Prerequisite: Special placement by Student Services Teachers and/or School Based Team (SBT)

These 4 credit courses can be used toward the total credits necessary for graduation.

Provides academic subject support.

Identifies personal learning styles and practices strategies to support Student Learning Profiles.

Develops and increases self-advocacy skills.

ST-LAR 9-12 (LEARNING ASSISTANCE RESOURCE)

Prerequisite: Special placement by Student Services Teachers and/or School Based Team (SBT)

Provides instruction in core academic areas (humanities and mathematics).

Provides homework subject support.

Develops and increases personal, life, and work-related skills.

ST- PERSONAL DEVELOPMENT 9-12 (STUDENTSHIP & SOCIAL SKILLS)

Prerequisite: Special placement by Student Services Teachers and/or School Based Team (SBT)

This course is designed for students to identify and develop strategies for executive functioning, goal setting, emotional management, and self-regulation.

ST-GUIDED LEARNING 12

Prerequisite: Open to Grade 12 students only. Must have a minimum of a "B" average in grade 11 and 4 or more academic courses, with 3 in the semester of the GL block. Application and teacher reference required.

Guided learning is a block designed for dedicated, hardworking students who are preparing for post-secondary opportunities. Students must be able to work independently and be striving towards excellence in academics. Students can use this time to meet with their counsellor and/or our career advisor to review graduation plans and university entrance requirements. Students can also work on university and scholarship applications. In addition, GL students will complete required activities as outlined on the GL package.



TECHNOLOGY EDUCATION (TE)

TE-POWER TECHNOLOGY 9

Prerequisite: None

Learn about principles of flight including lift, thrust, and aerodynamics.

Build a functional aircraft.

Discover the inner workings of electric motors.

Gain experience with hydraulic systems.

Study four stroke and two stroke engine theory.

This is a beginner's course that explores many different aspects of powered systems that are used in our daily lives. This course is a good foundation for future enrolment into the automotive department.

Automotive

TE-AUTOMOTIVE 10

Prerequisite: None

Learn to disassemble and reassemble an engine.

Strong focus on four stroke theory and systems.

Establish knowledge of basic automotive systems (brakes, cooling, etc.).

This is the beginner's course in the automotive department. Students who complete this course will be able to continue on in the shop to learn more sophisticated concepts and perform repairs on cars.

TE-AUTOMOTIVE TECHNOLOGY 11

Prerequisite: None

This course is an introduction to automotive maintenance and repair. Topics include engine operation, ignition, batteries, cooling, fuel and brake systems. The course consists of 60% theory and 40% shop time. Note taking, cognitive ability, and organization are required as the academic rigor in Automotive is more substantial than many realize. Safe work habits are also an essential trait in the shop. Previous experience is not required and everyone is welcome.



TE-AUTOMOTIVE TECHNOLOGY 12

Prerequisite: Automotive Technology 11 with 75% or higher, or with instructor permission.

Continuation of material learned in Automotive Technology 11, including mechanical problem solving and trouble shooting.

Repair and theory to include fuel and ignition systems, suspension, steering, drive lines, and transmissions.

Students are given the opportunity to acquire the knowledge and develop the necessary skills to enable them to repair their own automobiles after graduation.

Consists of approximately 40% theory and 60% practical.

Students considering a career in automotive or related fields should take this course in conjunction with Mechanics 12 Drivetrain.

TE-AUTO PROFESSIONALS 12

Prerequisites: Automotive Technology 11 with a minimum of 75% and an entrance exam. The Auto Professionals course is a two part/two block class where students are expected to work at a high level both academically and practically in the shop. This course covers many of the fundamentals that shops are looking for when students seek employment in industry after they graduate. There is an entrance exam and a minimum of 75% is required in Auto 11 to sign up for this course.



TE-AUTOMOTIVE TECHNOLOGY 12: DRIVETRAIN

Prerequisite: Automotive Technology 11. This course must be taken in conjunction with Automotive Technology 12.

Learn high-level engine diagnostic repair and diagnostic procedures. Discover the world of aftermarket performance parts and the effects they can produce. Get in depth knowledge of automatic and standard transmissions. Gain experience and knowledge with hybrid and electric vehicle technology. This is a high-level course designed for students who wish to gain a better understanding of less understood aspects of automotive technology.

Computer Assisted Drafting and Design (CADD)

Autodesk's industry standard CADD software AutoCAD, Fusion 360 and Revit are used amongst our courses teaching students directly relevant knowledge for many careers. Our lab has current technology equal to industry and post-secondary educational institutes. The SSS Drafting program has placed top of the province with past students placing first or second in B.C. since 1999 in annual Skills Canada CADD Competitions, and has sent multiple students to Nationals in recent years.

TE-DRAFTING 10 (INTRODUCTORY DRAFTING & DESIGN)

Prerequisite: None

This introductory course is open to all students and is the prerequisite for Drafting 11 (Architectural focus) and Engineering 11.

It is designed to provide knowledge of the Core Competencies of the Drafting Technician programs at British Columbia colleges and technical institutions. This course will prepare students for many careers in trades, design, architecture and engineering. Within this course we use current, industry standard computer drafting software: AutoCAD, Fusion 360 and Revit to produce drawings and renderings used in technical communications.

This course is divided into three general sections: introductory drafting, focusing on tools, techniques and basic graphic design (AutoCAD), Mechanical 3D modeling (Fusion 360) and architectural drafting (Revit).

Drafting 10 will help develop skills in both manual and CADD based drafting. Students have the opportunity to use our full-scale plotter for architectural drawings, our vinyl cutter and heat press for graphic design, and our 3D printer for 3D modeling. Evaluation is based on quality and quantity of completed assignments consisting of mostly practical drawings.



TE-DRAFTING 11 (ARCHITECTURE LEVEL 1)

Prerequisite: Introductory Drafting & Design (Drafting 10)

This course further develops skills learned in the introductory course during the architectural section.

During this course students will go through a design process to develop a custom home design. They will then use industry standard Autodesk Revit to create a 3D BIM Model and a full set of working drawings for this design. Drafting 11 will appeal to those interested in home building trades and architecture. Basic BC Building Code will be covered along with design strategy, construction methods, and how a building is structurally constructed.

TE-DRAFTING 12 (ARCHITECTURE LEVEL 2)

Prerequisite: Architecture Level 1 (Drafting 11)

This course will appeal to those interested in further increasing their knowledge of home building and architectural fields.

Students will continue to develop their knowledge in Autodesk Revit as they are provided with a variety of challenges and work at using the more in-depth functions of Revit. Students will have the opportunity to develop a custom home design focusing on rendering and presentation of the 3D model.

TE-ENGINEERING 11 (MECHANICAL ENGINEERING LEVEL 1)

Prerequisite: Introductory Drafting & Design (Drafting 10)

This course will appeal to those interested in going into Engineering or a large number of other Mechanical Design careers.

Students will increase their knowledge of 3D modeling in both CAD (Fusion 360) and manual drafting. Further knowledge of Fusion 360 from the Introductory course will set the sky as the limit to what can be created and produced using our 3D printers. Students will be introduced to precision measurement tools such as Micrometers and Vernier Calipers as they produce highly accurate drawings of complex parts. Students will develop knowledge and skills around mechanical advantage and forces within designs and will have the opportunity to explore an area of interest while designing and constructing a prototype of their choosing. Students will use the Engineering design process within this course to develop ideas and prototypes.

TE-ENGINEERING 12 (MECHANICAL ENGINEERING LEVEL 2)

Prerequisite: Mechanical Design & Engineering Level 1

This course will appeal to those interested in continuing to gain knowledge in Engineering and a large number of other Mechanical Design careers before applying to post-secondary courses.

Students will increase their knowledge of 3D modeling and design in CAD (Fusion 360), manual drafting and practical building. Students will have access to our Tech Shops for certain aspects of this course to construct and test their designs. Students will use the Engineering design process within this course to develop ideas and prototypes.

TE-INDUSTRIAL DESIGN, ENGINEERING & CODING 12

Prerequisite: FMP 10 or Math 10 with C+ or higher

- Open to grade 11 & 12 students
- This course will appeal to those interested in Industrial Design (product design), Engineering, or CAM (Computer-Aided Manufacturing).
- Students will learn relevant, real-world skills necessary to become Designer or Engineer.
- Students will complete the design cycle on a number of projects, from conception to finished product.
- Students will sketch, draw & model in 2D and 3D.
- Students will utilize state of the art design software to design products, convert it to machine code, and use 3D printers, lasers, and CNC equipment to bring them to life.
- Students will learn how to design with, share with, and market to potential end users of their products.

Robotics

Students interested in designing, building, and programming robots in a fun and engaging environment will be interested in these courses.

TE-ROBOTICS 9

Prerequisite: None

This course is open to grade 9 students.

Students will have the opportunity to work with VEX Robotics. Students will build, program and control robots to complete specific challenges. Concepts such as Mechanical advantage, gear ratios, forces, friction, and torque are discussed while using the Engineering design process to create custom designs. Basics of electrical circuits are discussed, and block coding is used for the VEX platform to program the robots.

TE-ROBOTICS 10

Prerequisite: None

This course is open to grade 10-12 students.

Students will be introduced to the basics of robotics using VEX as a base platform. Students will construct and code a pre-designed robot while working in teams, before using their robot to complete specific challenges on our VEX competition field. Students will have the opportunity to redesign, add on or change the basic design to achieve greater success with their robot. Students will have the opportunity to control the robots via remote and autonomously. Students that are interested will have the opportunity to build a robot to compete in Skills Canada Competitions.

TE-ROBOTICS 11

Prerequisite: Robotics 10

This course is open to grade 11 and 12 students that have already taken a Robotics 10 course. This course will focus on expanding the knowledge learned in Robotics 10 designing and creating more complex robots using more sensors, switches and advanced VEX components not used in Robotics 10. Students will have the opportunity to design and create their own challenges for the class to complete. Students that are interested will have the opportunity to build a robot to compete in Skills Canada Competitions.

Metal and Welding

TE-INTRODUCTORY METAL

Prerequisite: None. Required for: Any other metalworking class and the welding program

Cost: Materials and consumables to complete the class are provided.

This course is open to all grade 10-12 students who are interested in exploring the diverse and cool world of metalworking. This course requires no previous skill or experience and will introduce students to five different areas of metalworking: machining, sheet metal fabrication, blacksmithing, welding and metal art/jewelry making. Students will learn to use a variety of tools, machines and processes while creating several hands-on projects. This course is recommended for absolutely everyone and is designed to provide a sample of the wide range of metalworking careers and hobbies that students can choose to pursue.

TE-METAL 11

Prerequisite: Intro Metal

Required for: Metal 12

Cost: Materials and consumables are covered for the mandatory projects; however, students wishing to make their own projects or customize the existing ones will be required to pay for any additional materials.

This course is open to all grade 11 and 12 students who have completed intro metal and want to dive deeper into one or more of the areas of metalworking. This class builds from the intro metal class and continues to introduce new machines, tools and processes requiring greater skill development and a higher degree of accuracy. Students are required to complete mandatory skill building assignments but will have the freedom to choose their projects or design their own and start to focus on the areas of metalworking that interest them. This course is recommended for students who enjoyed intro metal and want to continue learning about different metals and ways to work with them.



TE-METAL 12

Prerequisite: Metal 11

Cost: Materials and consumables are covered for the mandatory projects; however, students wishing to make their own projects or customize the existing ones will be required to pay for any additional materials

Required for: Machining and Welding 12

This course is open to all grade 11 and 12 students who have completed both intro metal and metal 11. This is a partially self-directed class that allows students to really explore the areas of metalworking that they have a passion for. In this class material science, project design, cost and engineering are taught as students are encouraged to continue growing their skills by designing and fabricating a project of their choice. This is the class for some of the larger and more skilled projects such as go-karts, mini bikes, furniture, vehicle customization etc. There are still several skill building exercises students can complete in a variety of different areas, but students will be given the freedom to choose the direction they want to take this course. This class is recommended for students who have a sincere interest in metalworking and are looking to grow their skills or are considering a career path in metalworking.

TE-MACHINING AND WELDING 12

Prerequisite: Metal 12

Cost: Materials and consumables are covered for the mandatory projects; however, students wishing to make their own projects or customize the existing ones will be required to pay for any additional materials

This course is open to the select few students who have completed all three metalworking classes and are looking to further develop their machining and welding skills. This class focusses on precision machine work and TIG welding. Emphasis is placed on employability skills and the ability to read blueprints and produce accurate and high-quality work. This class is recommended for students looking to pursue a career in metalworking as a machinist, fabricator, millwright, or those looking to max out the amount of high school metalworking classes they can take.



Youth Train in Trades: Welding

WELDING FOUNDATION CERTIFICATE PROGRAM YOUTH TRAIN IN TRADES SSS/UFV DUAL CREDIT PROGRAM

Prerequisite: Intro Metal

Cost: Tuition is paid for by the school district, but students are required to purchase their own personal protective equipment and books totaling around \$500

This is a specialty course put on in partnership with the University of the Fraser Valley (UFV), Skilled trades B.C (formerly the I.T.A), and Sardis secondary school. This program enables students wanting to pursue a career in welding to get a significant head start and cost saving. Students can complete the BC foundations welder program (formerly known as C-level) while still in high school and receive 32 credits towards their high school graduation. This program starts in semester one of grade 11 and continues through to the end of grade 12. Students are required to take 4 welding classes at Sardis secondary, 2 in semester 1 of their grade 11 year and 2 more in semester 1 of their grade 12 year. Upon successful completion of these classes students then proceed to UFV Sardis campus to complete the course full time during semester 2 of their grade 12 year. There are a limited number of seats available for this program making it a competitive process to get in. Students must complete and submit an application package in grade 10 and are encouraged to maintain excellent attendance and work habits in all of their courses. This program is recommended for anyone with a passion for welding and is considering a career in welding.

TE-TRAIN IN WELDING A

Prerequisite or Corequisite: Intro Metal

Students continue their Oxy-Acetylene welding further developing their skills in the Flat, Horizontal and Vertical positions on steel sheet metal.

From O/A Welding students move into Oxy-Acetylene Braze and Braze Welding completing a Horizontal Lap, Tee, and Corner, a Flat groove weld, and finally simulating a grey cast iron crack repair with Braze Welding.

The second half of Welding A's course introduces the students to SMAW (Stick) Welding. The students use the E6010 Fast Freeze, the E7018 Low Hydrogen and the E7024 Fast Fill Rods in the #1, Flat, position on mild steel plate.

The students are expected to prepare for and go to UFV to write the P1 Module, Introduction and Program Orientation, Exam.

TE-TRAIN IN WELDING B

Prerequisite: Completion of all Practical Welds of Train in Welding A

- Students continue their Shielded Metal Arc Welding (Stick) welding, developing their abilities welding in the #2, Horizontal and #3, Vertical positions doing Fillet and Surfacing welds on mild steel plate.
- The students are expected to prepare for and go to UFV to write the P2 Module, Oxy-Fuel Gas Cutting, and P3 Oxy-Fuel Gas Welding Exams.

TE-TRAIN IN WELDING C

Prerequisite: Completion of all Practical Welds of Train in Welding B

Students complete their Shielded Metal Arc Welding (Stick) fillet welds in Welding C.

Students will complete their #4, Overhead fillet welds on plate and move to a 2F and 5F Pipe to plate weld.

From there the students will test and extend their SMAW skills, stick welding on sheet metal in the Horizontal and Vertical Down positions.

In addition to their continued use of the E6010 and E7018 rods, Train in Welding C sees the introduction of the E6013, Farmer's Rod, and the E309, Stainless to Mild Steel, welding rods.

The students are expected to prepare for and go to UFV to write the P4 Module, Shielded Metal Arc Welding I, and P5 Module, Arc Cutting and Gouging, Welding Exams.

TE-TRAIN IN WELDING D

Prerequisite: Completion of all Practical Welds of Train in Welding C

- Train in Welding D introduces:
- Air Carbon Arc Gouging to bevel plate and remove weld faults
- The oxy-acetylene cutting exam
- Gas Metal Arc Welding (MIG) Short Circuit Transfer on plate and sheet in the flat, horizontal, and vertical up and vertical down positions.
- Gas Metal Arc Welding (MIG) Spray Transfer on plate in the flat and horizontal positions
- Gas Tungsten Arc Welding (TIG) using touch and high frequency starts moving thru flat and horizontal sheet metal lap, tee, and corners.

Woodwork & Residential Construction

TE-INTRODUCTORY WOODWORK

Prerequisite: None

Open to all grade levels

This is an introductory course into the field of woodworking.

Students will gain a foundational knowledge of working with hand and powered woodworking tools to complete a number of assigned projects.

Grades will be based on quality and quantity of work accomplished, theory work, and daily work habits.

Costs: A projects fee will be assessed to cover the cost of materials that students will take home (in the form of completed projects).

TE-WOODWORK 11

Prerequisite: Introductory Woodwork

Students will expand their woodworking skills and knowledge through the construction of more complex projects and joinery.

Students will have opportunities to construct 3 or more projects and will use most of the shop equipment in the process.

Grades will be based on quality and quantity of work accomplished, theory work, and daily work

habits.

Costs: A projects fee will be assessed to cover the cost of materials that students will take home (in the form of completed projects).

TE-WOODWORK 12A

Prerequisite: Woodwork 11

This intermediate level course will introduce students to cabinet-making and the production of pictorial and written plans.

Emphasis will be placed on quality and safety.

After completing a required project, students will design and construct their own project.

Grades will be based on quality and quantity of work accomplished, theory work, and daily work habits.

Costs: A projects fee will be assessed to cover the cost of materials that students will take home (in the form of completed projects).

TE-WOODWORK 12B: FURNITURE & CABINETRY

Prerequisite: Woodwork 12 & teacher approval

An advanced wood manufacturing course that builds on the skills and knowledge learned in previous Woodwork courses.

Allows students to hone their skills in cabinet and furniture design and production

Gives a good base from which a student may go into post-secondary trades.

Projects are self-directed and should be reasonably difficult, eg. dining room table, large dresser, buffet and hutch, computer desk, etc.

Graded on well-established criteria of craftsmanship.

Course work is largely self-directed, so students must be self-motivated in order to succeed.

Cost of materials is the responsibility of the student, and will vary by project.

TE-HOME RENOVATION & REPAIR 11

Prerequisite: Introductory Woodwork

- Open to Grade 10-12 students
- Anyone that is interested in being a homeowner one day will benefit from this course, as well as those interested in the home construction or repair trades.
- Students will learn about the tools, equipment, materials, and methods used in the residential renovation and repair industry.
- Students will learn basic framing, plumbing, electrical, insulation & vapour barrier, drywall, taping & mudding, painting, finish carpentry, and tiling.
- Be the Handyperson in your home!
- Grades will be based on quality and quantity of work accomplished, theory work, and daily work habits.



DISTRICT PROGRAMS

The following pages include the programs offered by the Chilliwack School District.