

# 2026-2027 MBSS COURSE CATALOGUE Grades 10-12

ACADEMY OF INDIGENOUS STUDY
BC First Peoples 12 Contemporary Indigenous Studies 12 EFP Lit. Studies 10/11/12 English First Peoples Studies 12 Indigenous Visual Arts 10/11/12 Indigenous Learning Community 10/11/12 Intro. Okanagan Language 11 Okanagan Language 11/12
ACADEMIES
Introduction to Firefighting 11 Advanced Firefighting 12 MBS Hairdressing Academy 11/12
ACADEMIES - SPORTS
Baseball Academy 10/11/12 Golf Academy 10/11/12 OTT Hockey Academy 10/11/12 Mountain Biking 10/11/12 Soccer Academy 10/11/12
ADVANCED PLACEMENT (AP) PROG.
Biology Program – AP Chemistry Program – AP Physics Program – AP English Studies – AP Seminar - AP
BUSINESS EDUCATION
Entrepreneurship 12 Marketing 10/11/12 OTT
CAREER EDUCATION
Career Life Education 10 Career Life Connections 12 (6 Options) Capstone Project 12 Work Experience 12 OTT
DANCE
Dance Tech. & Performance 10 Dance Tech. & Performance 11/12 Dance Choreography 12
DUAL CREDIT
Dual Credit Programs/Skills BC
ENGLISH
English First Peoples Literary Studies 10 Literary Studies & Composition 10 Composition & Literary Studies 11 Creative Writing 11 English First Peoples Lit. Studies 11 New Media 11 Literary Studies (Pre-AP) 11 Creative Writing 12 (Elective) English First Peoples Studies 12 English Studies 12 English Studies (AP) 12
GLOBAL INTERCULTURAL PROGRAM
Global & Intercultural Studies 12 OTT Global & Intercultural Experience 12 OTT

HOME ECONOMICS
Fashion & Sewing 10/11/12 Food Studies 10/11/12 Textiles Arts & Crafts 10 Housing & Living Environments 12 Culinary Art – Culinary Trades Sampler 12 Child Development & Caregiving 12
HUMAN SERVICES
Indigenous Learning Community 10/11/12 Student Leadership 10/11/12 Leadership Excellence 11/12 OTT
INFORMATION TECHNOLOGY
Computer Animation 10/11/12 Computer Programing & Game Design 10/11/12 Drafting & Design 10/11/12 Electronics & Robotics 10/11/12
INTERNATIONAL STUDENTS
Basic English Language Dev. Introduction to Academic Language Intermediate English Language Dev. Advanced English Language Dev.
LANGUAGES
Introductory American Sign Language American Sign Language 11/12 French 10/11/12 Intro. German 11 German 11/12 Intro. Japanese 11 Intro. Okanagan Language 11 Japanese 11/12 Intro Spanish 11 Okanagan Language 11/12 Spanish 11/12
MATH
Foundations of Math & Pre-Calculus 10 Workplace Math 10 Foundations of Math 11/12 Apprenticeship Math 12 Pre-Calculus 11/12 Calculus 12
MUSIC
Concert Band 10/11/12 Introduction to Piano 10/11/12 Jazz Band 10/11/12 Jazz Studies 10/11/12 OTT
PHYSICAL HEALTH EDUCATION
Basketball 10/11/12 (In & OTT) Girls' Weights & Fitness 11/12 Fit for Life 10 Fitness & Conditioning 11/12 (In & OTT) Football 10/11/12 Football Weights & Conditioning 10/11/12 Human Kinetics 12 Outdoor Education 11/12 OTT Physical & Health Education 10/11/12 Volleyball 10/11 OTT

PSYCHOLOGY
Psychology 11/12 (Elective)
SCIENCE
Science 10 Biology 11 – Life Science 11 Biology 12 – Anatomy and Physiology 12 Chemistry 11/12 Earth Science 11 Aspire Chemistry 12 Marine Sciences 12 Physics 11/12 Science for Citizens 11
SOCIAL STUDIES
Social Studies 10 Exploration in Social Studies 11 20 <sup>th</sup> Century World History 12 Asian Studies 12 BC First Peoples 12 Contemporary Indigenous Studies 12 Genocide Studies 12 Human Geography 12 Law Studies 12 Political Studies 12 Social Justice 12
TECHNOLOGY EDUCATION
Medieval Armouring 10/11/12 Metal Fab & Machining 10/11/12 Automotive Technology 11/12 Welding 12 Woodwork 10/11/12
THEATRE & FILM
Acting & Improv 10/11/12 Film & Television 10 Film School – Making Movies 11/12 MBSS Theatre Company 10/11/12 OTT MBSS Theatre Production 10/11/12 OTT
VISUAL ARTS
Media Arts 10 Intro. to Photography 10 Analog Photography 11/12 Art Studio 10/11/12 Comic Arts 10/11/12 Indigenous Visual Art 10/11/12 Graphic Arts: Printmaking 10/11/12 Media Arts and Digital Photography 11/12 Studio Arts 2D -Drawing & Painting 10/11/12 Studio Arts 3D -Pottery & Sculpture 11/12 Yearbook 10/11/12 OTT

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# ACADEMY OF INDIGENOUS EDUCATION

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## **B.C. FIRST PEOPLES 12**

***This course satisfies the "Social Studies 11 or 12" as well as the Indigenous Graduation Requirement***

This course is recommended to Grade 11 or 12 students to fulfill their graduation requirements in Social Studies and the Indigenous graduation credit.

This senior-level Social Studies course is offered to all students who wish to expand their knowledge of Indigenous Peoples and culture in British Columbia. This course will expose students to the longstanding connection BC First Peoples have had with the land in developing their identity and worldview. Students will explore the diversity and resilience of BC First Peoples and how current self-determination is a challenge in Canada's ongoing legacy of colonialism. This course is part of the Academy of Indigenous Studies.

## **ENGLISH FIRST PEOPLES LITERARY STUDIES & WRITING 10**

***This course satisfies the "Language Arts 10" as well as the Indigenous graduation requirement***

English First Peoples Studies 10 offers students of all backgrounds the opportunity to explore First Peoples' worldviews through literature, founded on the First Peoples Principles of Learning. Students are encouraged to grow and build upon their understanding of Canada's past, present, and future through the exploration of Indigenous literature and authors. In this course, students will demonstrate skills in composition, spoken language, creative writing, and literature. Students will gain confidence in academic and personal writing, while enhancing their lifelong knowledge and communication skills. This course is part of the Academy of Indigenous Studies.

## **ENGLISH FIRST PEOPLES LITERARY STUDIES & WRITING 11**

***This course satisfies the "Language Arts 11" as well as the Indigenous graduation requirement***

English First Peoples Studies 11 offers students of all backgrounds the opportunity to explore First Peoples' worldviews through literature, founded on the First Peoples Principles of Learning. Students are encouraged to grow and build upon their understanding of Canada's past, present, and future through the exploration of Indigenous literature and authors. In this course, students will demonstrate skills in composition, spoken language, creative writing, and literature. Students will gain confidence in academic and personal writing while enhancing their lifelong knowledge and communication skills. This course is part of the Academy of Indigenous Studies.

## **ENGLISH FIRST PEOPLES STUDIES 12**

***This course satisfies the "Language Arts 12" as well as the Indigenous graduation requirement***

English First Peoples Studies 12 offers students of all backgrounds the opportunity to explore First Peoples' worldviews through literature, founded on the First Peoples Principles of Learning. Students are encouraged to grow and build upon their understanding of Canada's past, present, and future through the exploration of Indigenous literature and authors. In this course, students will demonstrate skills in composition, spoken language, new media, creative writing, and literature. Students will gain confidence in academic and personal writing while enhancing their lifelong knowledge and communication skills. This course is part of the Academy of Indigenous Studies. In English First Peoples Studies 12, students are expected to complete the Grade 12 Literacy Assessment as a graduation requirement.

## **CONTEMPORARY INDIGENOUS STUDIES 12**

**PREREQUISITE: Social Studies 10**

***This course satisfies the "Social Studies 11 or 12" as well as the Indigenous graduation requirement graduation requirement.***

This senior-level Social Studies course is offered to all students who wish to expand their knowledge and understanding of the relationship between Indigenous peoples and Canada. In this course, students will critically analyze important moments in Indigenous Peoples' and Canada's past in order to have a better understanding of contemporary Indigenous strengths and struggles in Canadian society. Areas of study include colonialism, prejudice and discrimination, leadership and self-determination, cultural expression and oral traditions, current events and issues, as well as acts of resiliency. This course is part of the Academy of Indigenous Studies and satisfies the Provincial Requirement for an Indigenous focused course.

## **INDIGENOUS ART STUDIO 10/11/12**

***This course satisfies the "Elective" graduation requirement as well as the Indigenous graduation requirement***

"Great art must be a living thing, or it is not art at all." – Bill Reid

Students will explore and create rich and diverse art of our Indigenous people while learning all the great art skills of a traditional art class. We will not only look at the historic works and styles of art, but will study and experience what our modern Indigenous artists are creating today. This hands-on course is open to all grade 10, 11, and 12 students. Okanagan pictographs, West Coast design, medicine wheels, creation stories, graphic storytelling, and beading are part of the course. Students who take both levels of this course will be expected to advance upon their skills and curricular competencies. This course is part of the Academy of Indigenous Studies and satisfies the Provincial Requirement for an Indigenous focused course.

## **INDIGENOUS LEARNING COMMUNITY 10/11/12**

Do you love making a difference in your school and community? Would you like to learn more about Indigenous culture and leadership opportunities? This year-long learning community provides all youth (Indigenous and non-Indigenous) with exciting and engaging opportunities to learn and lead on the traditional territory of the syilx Okanagan people. In this course, students will explore what it means to be a leader within their personal lives, as well as within their local and global community. This is a mixed grade-level Community of approximately 40 students from grades 10 through 12. They will obtain both their Indigenous Leadership credit in addition to a Career Life Studies credit. Students who take additional levels of this course will be expected to advance upon their skills and curricular competencies, and further develop their leadership skills. These credits are part of the Academy of Indigenous Studies but do not yet qualify for the provincially mandated Indigenous course requirement.

## **INTRO OKANAGAN LANGUAGE 11**

***This course meets the "Elective" graduation requirements***

Learning OKANAGAN (nsyilxcn) through listening, storying and self-directed projects is rewarding and fun. In this class, you will get comfortable in nsyilxcn. By the end of the semester, you will be able to and write using the international phonetic alphabet. You will also learn several captikwl (stories) and the cultural teachings reflected through the stories.

This is a mixed grade level course of students from grades 9 through 12. This course is part of the Academy of Indigenous Studies.

## **OKANAGAN LANGUAGE 11**

**PREREQUISITE: Previous Okanagan Language experience would be beneficial**

***This course meets the "Elective" graduation requirements***

OKANAGAN (nsyilxcn) 11 continues Okanagan language acquisition through engaging with and reading captikwl (stories), the N̓səl̓xc̓n' Curriculum Project of six textbooks developed by the Salish School of Spokane and The Paul Creek Language

Association. Everything in class is taught to make it easy to understand. In Okanagan 11, you will attain further comfort as a beginning speaker. Okanagan Language 11 fulfills the language acceptance prerequisite for acceptance into some colleges and universities. This course is part of the Academy of Indigenous Studies

**OKANAGAN LANGUAGE 12**

**PREREQUISITE:** Okanagan Language 11

**This course meets the "Elective" graduation requirements**

OKANAGAN 12 uses advanced captikwl (stories) coupled with the N̓səl̓xc̓in Curriculum Project of six textbooks developed by the Salish School of Spokane and The Paul Creek Language Association to help you to become increasingly fluent and ready to explore Okanagan language and culture at the post-secondary level.

This course is part of the Academy of Indigenous Studies.

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**ACADEMIES – SCHOOL BASED**

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**FOR ALL ACADEMIES:** As per Board policy, no student will be excluded from an educational program due to financial need. If paying for an academy is a hardship, parents are asked to contact their student's Vice Principal for support with the academy fees.

**INTRODUCTION TO FIREFIGHTING – FIREFIGHTING ACADEMY 11 (Application Required)**

**This course satisfies the "Elective" grad requirement**

Do you want to be a Fire Fighter? Students who can make a firm commitment to an exciting and unique program are encouraged to join the Mount Boucherie Secondary/West Kelowna Fire Rescue (WKFR) Junior Firefighting Academy. The Introduction to Firefighting course is derived from components of the Justice Institute of British Columbia's Exterior Fire Fighter Operations certification and supplementary units from our text: IFSTA: Essentials of Firefighting. Students will learn both in class theory as well as hands-on skills, during mandatory Thursday evening practices at WKFR Station #34. Students will get a head start learning the required knowledge, communication skills, work-ethic, teamwork skills, and attitude necessary to further pursue additional Fire Training at various NFPA recognized training programs throughout Canada and the US, or even to enter an exciting career in any of the other emergency services. Students will have opportunities to become involved in the community, build confidence, increase inter-personal skills, and make connections with the community during participation in WKFR initiatives such as public education at schools, fundraising, and fire prevention week campaigns. An entrance interview, physical fitness test, and a commitment to completing the course are required for acceptance. Exceptional effort and completion of the course have led some students directly into the adult Paid On-Call (POC) recruit classes and employment as POC fire fighters with WKFR after high school graduation. The program is an amalgamation of Intro to Firefighting 11 and Work Experience 12A and is open to students in grade 11 or 12. Through this course, students will receive certification in Emergency First Aid with AED and CPR training, B.C. Wildfire Service Forest Fire Suppression Fundamentals and Safety, Fire Behavior, and will participate in Live Fire training at North Okanagan Fire Training Centre.

[Application Form](#)

Contact: Mr. David Marks at [david.marks@sd23.bc.ca](mailto:david.marks@sd23.bc.ca)

Deadline for application: March 15, 2024

Program Cost: \$300. Once a student has been accepted, all academy fees are to be paid online. Program fee includes Fire Academy shorts and t-shirt.

**ADVANCED FIREFIGHTING – FIREFIGHTING ACADEMY 12 (Application Required)**

**PREREQUISITE:** Introduction to Firefighting

**This course satisfies the "Elective" grad requirement**

Students who have taken the Introduction to Firefighting Course are encouraged to continue to develop and enhance their knowledge and skills by continuing on with the Mount Boucherie Secondary/West Kelowna Fire Rescue Junior Firefighting Academy. Students who enroll in this Advanced Firefighting Course will be called upon to provide leadership and model the commitment needed for students entering the program for their first time. The Advanced Firefighting course is derived from components of the Justice Institute of British Columbia's Interior Fire Fighter Operations certification and supplementary units from our text: IFSTA: Essentials of Firefighting. There will be continued practice and exposure to topics previously learned, as well as exposure to more advanced topics such as On-Scene Communications, Hazards Related to Building Construction, and Maintenance and Use of Rescue Tools and Equipment, Vehicle Extrication, Technical Rescue Incidents, Fire Origin and Cause Determination, Fire Protection Systems. In Advanced Firefighting, students will also learn about Fire Identification, and Understanding and Mitigation of Hazardous Materials Incidents. Students will be involved with mandatory Thursday evening practices at WKFR Station #34 and will have opportunities to increase their involvement in the community through public education and WKFR initiatives. In addition to the above components of the program, students will be exposed to creating and building resumes and interview skills for future employment opportunities. No entrance interview or physical fitness test is required for acceptance, as prior involvement and achievement in the program serve this purpose. The program is an amalgamation of Advanced Firefighting 12 and Work Experience 12B and is open to students in grade 12. Students who successfully complete their second year in the program will be given a chance to interview for the position of a Paid-On-Call Firefighter with West Kelowna Fire Rescue.

[Application Form](#)

Contact: Mr. David Marks at [david.marks@sd23.bc.ca](mailto:david.marks@sd23.bc.ca)

Deadline for application: March 15, 2024

Program Cost: \$300. Once a student has been accepted, all academy fees are to be paid online. Live Fire training at North Okanagan Fire Training Centre, as well as technical rescue training, are included in the course fees.

**MBS HAIRDRESSING ACADEMY (Application Required)**

**This course satisfies the "Elective" grad requirement**

The Mount Boucherie Secondary School Hairdressing Academy is an ITA YOUTH Trades program and designed for grades 11 and 12 students who have chosen hairdressing as their primary career choice. Our program is composed of credit for at least level one technical training (in-class) component of your Industry training program and because it is a 'dual credit' program, students also receive secondary school graduation credits along with Work Experience 12A, giving our students 36 high school credits and 1290 Industry Training Hairdressing hours. This is a Red Seal Industry Standards Hairdressing Program, and, therefore, students must achieve a minimum of 70% in all course work, including all theory and practical/lab assignments, client work, and Work Experience placements.

Application Form: <https://www.dualcredit23.com/applications>

Contact: MBSS Career Centre at 250-870-5101 ext. 7731

Deadline for application: May 31, 2024

Program Cost: Professional equipment fee \$850. (NOTE: Equipment that is purchased is kept by the student.) Once a student has been accepted, all academy fees are to be paid online. A \$200.00 deposit must be given at the time of registration.

*\*YOUTH Train in Trades (TRN) program is an Industry Training Authority (ITA) youth initiative that provides support to School Districts to provide industry training opportunities for youth. TRN is the technical training component of a trade apprenticeship for high school students. Successful completion of a TRN program will give credit for at least level one technical training (in-class) component of your Industry training program and because it is a 'dual credit' program, students also receive secondary school graduation credits.*

**OUTDOOR EDUCATION ACADEMY 10**

A new fresh take on the classic Grade 9 Outdoor Education Academy. This class will run in the timetable. Students will be introduced to basic outdoor activities and processes, menu planning and cooking, gear awareness and activities such as; training for hike, multi night hiking trip, rock climbing, archery, Olympic Rowing and intro sailing. The course fee \$425 includes all activities and transportation. Cost for food and individual gear is the responsibility of the student.

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**SPORTS ACADEMIES**

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**FOR ALL ACADEMIES:** *As per Board policy, no student will be excluded from an educational program due to financial need. If paying for an academy is a hardship, parents are asked to contact your student's Vice Principal for support with the academy fees.*

**BASEBALL ACADEMY 10 /11/12:**

**PREREQUISITE:** Baseball experience

**Baseball Academy 10 satisfies the "Physical and Health Education 10" graduation requirement**

**This course satisfies the "Elective" graduation requirement**

The Baseball Academy will be open to students who have played at least 2 years of organized baseball or fastball. It will run in Semester one during the regular time-table. Students wanting to enter this program should have a strong interest in developing their offensive and defensive play, in seeing their skills and mechanics improve, and in contributing to the team atmosphere of Baseball Academy. Students who take multiple levels of this course will be expected to further develop their skills while contributing to the team atmosphere of Baseball Academy. Due to the physical nature of this sport, this program will include physical and fitness training. Students are required to have basic personal baseball/fastball gear.

**Contact:** Mr. Driscoll, [shane.driscoll@sd23.bc.ca](mailto:shane.driscoll@sd23.bc.ca)

**Program Cost:** \$250 each year. Fees will cover transportation costs, facility rental, and any non-personal equipment. Fees can be paid online.

**GOLF ACADEMY 10 /11/12: Outside the Timetable**

**Golf Academy 10 satisfies the "Physical Health and Education 10" requirements**

**This course satisfies the "Elective" graduation requirement**

Students will receive instruction from fully accredited C.P.G.A. professionals in order to elevate their golf skills. The course is designed in a holistic manner that emphasizes strong fundamentals and also includes instruction on course management strategies and the mental aspects of the game. Students must be able to arrange their own transportation to playing and practice locations. On-course playing and practice sessions occur in September, October, May, and June. Field studies and theory lessons occur through the winter months.

**Contact:** Mr. Rogers, [Christian.Rogers@sd23.bc.ca](mailto:Christian.Rogers@sd23.bc.ca)

**Program Cost:** \$465 with a valid Two Eagles Golf Course Membership - \$545 without a membership (fees include coaching sessions, range balls, green fees, and field studies).

**MBS HOCKEY CANADA SKILLS ACADEMY 10 /11/ 12 (Application Required)**

**Hockey Academy 10 satisfies the "Physical and Health Education 10" graduation requirement**

**Hockey Academy 11 and 12 satisfies the "Elective" graduation requirement**

Developed by Hockey Canada, this program helps minor hockey players of all levels develop and improve their hockey skills. This academy is based on a number of principles:

- a.) It is strictly supplementary to minor hockey;
- b.) It is not game based, but is dedicated to improving skills;
- c.) the program is open to all skill levels, house league to rep, male and female; and
- d.) the program is committed to helping students achieve academically.

All ice times take place at the Jim Lind and Royal LePage arenas. Approximately 50 hours of on-ice instruction is provided by fully qualified Hockey Canada instructors. Students must be able to arrange transportation of equipment to school on scheduled ice days. Limited overnight storage may be available.

**Application Form:** [Hockey Application Form](#)

**Contact:** Mr. McDowall, [kevin.mcdowall@sd23.bc.ca](mailto:kevin.mcdowall@sd23.bc.ca) or District Coordinator, Mr. Blain Wright [blain.wright@sd23.bc.ca](mailto:blain.wright@sd23.bc.ca)

**Program Cost:** \$965 – covers on-ice instruction, off-ice training, supplies, Hockey Canada Licensing and Insurance, etc. Once a student has been accepted, all academy fees are to be paid online.

**MOUNTAIN BIKING 10/11/12**

**Mountain Biking 10 satisfies the "Physical and Health Education 10" graduation requirement**

**This course satisfies the "Elective" graduation requirements**

Mountain Biking 10/11/12 will enable students to develop Mountain Biking skills and knowledge from an intermediate level to an advanced level. The class will build on a variety of sport specific movements, skills, systems, and strategies related to mountain biking focusing on the fundamentals of the sport. Students will be able to:

- Ride with knowledge of upcoming terrain and maintaining a safe riding pace.
- Use consistent Position & Balance skills through the ‘Climbing’, ‘Neutral’ and ‘Ready’ Positions, combined with a good range of movement.
- Consistently maintain an efficient cadence and straight chain line.
- Brake without skidding on loose terrain, using both brakes.
- Climb (riding uphill) and descend (riding downhill) on technical, single track (beginner and intermediate) terrain.
- Ride on banked and flat corners on various terrain surfaces.
- Maintain chosen line (trail to be ridden) in technical (rooty/rocky/uneven) terrain.
- Learn how to use front & rear wheel lifts – standing (to navigate rooty/rocky/or uneven terrain)

The sport of mountain biking calls for a wide variety of skills such as agility, balance, and focus. It requires both upper and lower body strength and cardiovascular fitness. It also demands a strong mind, as well as critical-thinking and decision-making skills. It develops an ethic of self-discipline and self-care. Students may travel to competitions which could include traveling to the West Coast, the United States, and the BC Mountain Biking Provincials (TBA).

**Having your own mountain bike is a requirement for this course.**

**Contact:** Mr. Green, [julian.green@sd23.bc.ca](mailto:julian.green@sd23.bc.ca)

**Program Cost:** \$265



**MBS SOCCER ACADEMY 10 /11/12**

**PREREQUISITE:** Soccer experience

**Soccer Academy 10 satisfies the "Physical and Health Education 10" graduation requirement**

**This course satisfies the "Elective" graduation requirement**

This program is open to players of all ability levels. Students wanting to take this program should have a strong interest in improving their individual and team soccer skills, and have a desire to increase their personal fitness level, confidence, and roles as leaders. Students will develop these aspects by focusing on the curricular competencies: technical and tactical development, personal growth, and healthy lifestyle. Students must be prepared to show strong work ethic and teamwork. Students who take multiple levels of this course will be expected to advance upon their skills and curricular competencies, and further develop their skills.

**Contact:** Ms. Jessica Briker, [Jessica.briker@sd23.bc.ca](mailto:Jessica.briker@sd23.bc.ca)

**Program Cost:** \$250 each year. Fees will cover transportation costs, facility rental, and any necessary equipment. Fees can be paid online.

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**ADVANCED PLACEMENT (AP) PROGRAM**

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**WHAT IS ADVANCED PLACEMENT?**

The advanced placement program enables students to take university-level courses and exams while they're still in secondary school. Courses offered in this program are administered by the College Board which is recognized for advanced credit or placement in many Canadian and American universities and colleges. AP courses are granted credit through the External Credential program and may be used towards district and provincial scholarships. Through AP courses, students learn to think critically, construct solid arguments, and see many sides of an issue. These skills will prepare them for college and beyond.

**AP BIOLOGY PROGRAM**

**PREREQUISITE: a minimum "A" grade and "G" work ethic in Science 10 is strongly recommended**

*Teacher recommendation is required.*

**BIOLOGY 11 - Pre AP**

**This course meets the Science 11 or 12 graduation requirements**

Pre-AP Biology 11 is designed to prepare students for the opportunity to take Advanced Placement Biology 12. Students will cover important pre-requisite and foundation topics (I.E. biochemistry, cell anatomy and physiology, bioenergetics, molecular genetics, cell communication) and will practice higher-level thinking skills (lab design and set up, graphical analysis or data, data analysis via statistics, valid conclusions) which will prepare them for the academic challenge of AP Biology.

**BIOLOGY 12 – AP**

**PREREQUISITE: Biology 12 Pre AP**

**This course meets the "Grade 12 Elective" graduation requirements**

AP Biology is a university level course focused on four big ideas: evolution, energy & homeostasis, biological communication, and biological Interactions This course includes a large and important lab component. First year university credit may be granted upon successful completion of the AP Biology exam. Students may write the AP Biology 12 exam in May. In preparation for the AP exam; there will be some additional seminar time required.

**AP CHEMISTRY PROGRAM**

**PREREQUISITE: a minimum "A" grade and "G" work ethic in Science 10 is strongly recommended**

*Teacher recommendation is required, and Math 11 is strongly recommended.*

**CHEMISTRY 11 – Pre AP**

**This course meets the Science 11 or 12 graduation requirements**

Pre-AP Chemistry is designed to prepare students for the opportunity to take Advanced Placement Chemistry 12. Students will cover important pre-requisite and foundation topics including: kinetics, equilibrium, solubility, acid and base systems, electrochemical cells, and oxidation-reduction reactions. Students will practice high level thinking skills and laboratory work that will prepare them for the academic challenges of AP Chemistry.

**CHEMISTRY 12 – AP**

**PREREQUISITE: Chemistry 11 Pre AP**

**This course meets the "Grade 12 Elective" graduation requirements**

AP Chemistry is a university level course focused on the following big ideas: introduction to chemistry, atomic theory, atoms, molecules, and ions, mole concept, stoichiometry, solution chemistry, chemical reactions, organic chemistry, kinetics, equilibrium, solubility, acid and base systems, electrochemical cells, and oxidation-reduction reactions.

The AP Chemistry program is equivalent in nature and content to a typical first year university chemistry course. This course includes a large and important lab component. First year university credit may be granted upon successful completion of the AP Chemistry exam. Students may write the AP Chemistry 12 exam in May. In preparation for the AP exam, there will be some additional seminar time required.

**AP PHYSICS PROGRAM**

**PREREQUISITE: A minimum A grade and G work ethic in Science 10 and Pre-Calculus 11 is strongly recommended.**

*Teacher recommendation is required.*

**PHYSICS 12 – Pre AP**

**This course meets the Science 11 or 12 graduation Requirements**

Pre-AP Physics is designed to prepare students for the opportunity to take Advanced Placement Physics 12. Students will cover important prerequisites and foundation topics: kinematics, equilibrium, dynamics, circular motion, electrostatics, and electric circuits. Students will practice high level thinking skills and laboratory work that will prepare them for the academic challenges of AP Physics.

**PHYSICS 12 – AP**

**PREREQUISITE: Physics 11 Pre AP**

**This course meets the "Grade 12 Elective" graduation requirements**

AP Physics is a university level course focused on the following big ideas: waves and optics, momentum, energy, harmonics, thermodynamics, fluid dynamics, magnetism, electromagnetic induction, electrostatics, and quantum, atomic and nuclear physics. The AP Physics program is equivalent in nature and content to a typical first year university physics course. This course includes a large and important lab component. First year university credit may be granted upon successful completion of the AP

Physics exam. Students may write the AP Physics 12 exam in May. In preparation for the AP exam, there will be some additional seminar time required at a time to be arranged.

**ENGLISH LITERARY STUDIES (AP) 12**

***This course satisfies the "Language Arts 12" graduation requirement***

English Studies 12 (AP) is intended for students who are interested in literary and language studies, and/or wish to prepare for the rigour, critical thinking, and writing skills of university. We will look at a variety of texts, developing an appreciation for the role that literature and language plays in society. The language portion focuses on mass communication and media studies, teaching students the history of mass communication and its impact on everyday language. The literature aspect focuses on literature in context and critical study, guiding students through the changing historical, cultural, and social contexts of texts, as well as detailed exploration of literary works. In English Studies 12 (Honours), students are expected to complete the Provincial Grade 12 Literacy Assessment as a graduation requirement. *\*Literary Studies 11 (Pre-AP) is not required for this course.*

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**BUSINESS EDUCATION**

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**ENTREPRENEURSHIP 12**

***This course satisfies the "AST" graduation requirement***

Entrepreneurship 12 is where creativity intersects with critical thinking and business. This course is designed in a way that challenges students to analyze real issues in the world (climate change, social inequality, poverty, renewable energy, etc.), and then to collaborate with classmates and members of the community in order to find viable solutions to those issues. A great attitude, work ethic, creativity, and sense of adventure are required for success in this course!

**MARKETING 10/11: (Outside of Timetable)**

***This course satisfies the "AST" graduation requirement***

*\*\*Note:* This course is offered outside the regular timetable.

This course is intended for students who wish to pursue marketing, finance, commerce or small business opportunities. Since a major part of this course will be in the operating and running of the school store, it will be offered out of the regular timetable. Students who take both levels of this course will be expected to advance upon their skills and curricular competencies.

**MARKETING 12: (Outside of Timetable)**

**PREREQUISITE: Marketing 11**

***This course satisfies the "AST" graduation requirement***

*\*\*Note:* This course is offered outside the regular timetable.

This course is intended for students who wish to pursue marketing, finance, commerce, or small business opportunities. Students in Marketing 12 will further develop their managerial skills through coordinating store schedules, roles, and dealing with the store finances. Since a major part of this course will be in the operating and running of the school store, it will be offered out of the regular timetable.

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**CAREER EDUCATION**

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- **Career Life Education (4 credits), Career Life Connections (4 credits) and Capstone are required for grad**
- **Capstone project information is presented in English Studies 12 or English First Peoples Studies 12.**

**CAREER LIFE EDUCATION 10: (Inside & Outside the Timetable)**

***This course satisfies the "Career Life Education" graduation requirement***

This course will encourage each student to create a positive and valuable pathway involving exploration of educational course and program options, and social responsibilities. Students will assess their interests, skills and characteristics, investigate current work place trends and opportunities, and explore post-secondary learning and career options. Career Life Education 10 will prepare students for managing work and life transitions and help students focus on their career goals. At MBSS, students will begin preparing for their grade 12 Capstone presentation during Career Life Education 10 and continue this process in Career Life Connections.

**CAREER LIFE CONNECTIONS 12: (Inside & Outside the Timetable)**

***Career Life Connections will give you 4 credits towards the "Career Life Connections" graduation requirement***

All Grade 11 students must take Career Life Connections 12. Career Life Connections will connect students' career life journey from grade 10 towards graduation and beyond and Workplace Transitions will introduce students to a variety of Post-Secondary Education, Training Institutions and In-Demand career options. Students will explore Essential Workplace Skills, Entrepreneurship, Safety, and Safe Work Practices. They will continue to build on their Career Planning Foundation recognizing their passions as they develop a focused education and career pathway as they transition beyond high school. Career Life Connections is a course that will encourage each student to create a positive and valuable pathway involving exploration of educational course and program options, and social responsibilities. Students will assess their interests, skills and characteristics investigate current work place trends and opportunities, and explore post-secondary learning and career options. Career Life Connections 12 will prepare students for managing work and life transitions and help students focus on their career goals. As part of this course, students will continue preparing their Capstone Project, to be presented in their Grade 12 year. At MBSS, students will have the ability to take a general Career Life Connections or one of the other focus areas listed below. These focus areas will all cover the same big ideas of the Career Life Connections curriculum while focusing on a specific career set.

**General:** This course will be an exploration of possible career options while covering the big ideas of Career Life Connections 11. Students will have opportunities to focus on a career of their choice that may not be covered in the other focus area options. *\*\*Note:* This course is offered both inside and outside the regular timetable

**Health Care and Medical:** This course will engage the big ideas of Career Life Connections and incorporate many presenters from the health care and medical field. Curricular tasks may be assigned with a focus on this industry.

**Intercultural Skills:** This course will engage the big ideas of Career Life Connections and explore career opportunities requiring interaction across cultures. Students interested in a wide range of fields from tourism and service, to international business will require intercultural skills when working in teams or engaging clients or colleagues from different cultures. This course may also be used by students working toward the Global and Intercultural Skills Certificate program, where it would satisfy the same requirement as "Global & Intercultural Studies 12"

**Trades:** This course will focus on all trades and the manufacturing sector. Students will build skills necessary for success in trades such as safety, certifications, marketing, etc.

**Visual Art:** Visual arts is one of the fastest growing, most dynamic industries in Canada. The attitude that a career in visual art is the starving artist is so far from reality: animation, graphic design, studio arts, pottery, photography.....the list is endless. Students will not only explore careers in visual arts, but will experience working in them by creating and sharing portfolios.

**CAPSTONE PROJECT**

As part of graduation requirements, all students must complete a Capstone Project and present it during a Capstone Interview Presentation in their grade 12 year. Our goal for the students is that they not only gain valuable interview skills and experience, but also put together a realistic plan for their first year out of high school. ***This course is not included within the timetable.*** Students will work through the criteria with a Career Coordinator. Students will present their Capstone Project during the semester they take English Studies 12 or English First Peoples Studies 12.

**WORK EXPERIENCE 12A:** (Outside of Timetable)

***This course satisfies the "AST" graduation requirements***

Students can earn 4 credits through 100 hours of work experience. Students may use their current employment, or have a placement set-up by the Career Centre to get these hours. Work experience provides students with opportunities to participate in a variety of workplace situations to help prepare for the transition to work. Also provided are opportunities for career development which allows students to gain a better sense of what careers they might want to pursue. Students must complete a detailed report and summary in order to get credit. Each student must meet with a Career Coordinator at the start of the school year to complete the required paperwork.

**WORK EXPERIENCE 12B:** (Outside of Timetable)

***This course meets "AST" graduation requirements***

This course can be taken a second time where students work on additional skills and complete another 100 hours of work experience. Proper paperwork must be completed with Career Centre staff prior to commencing the work.

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## DANCE

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**DANCE TECHNIQUE & PERFORMANCE 10**

***This course satisfies the "Physical and Health Education 10" graduation requirements***

No rhythm, no problem. No experience is required for this fun, creative and high intensity class. Students will start with techniques from ballet, jazz and hip-hop disciplines to be used in creating and performing dance routines. This is a performing course. Our show will highlight our physically demanding talents and demonstrate our creative efforts.

**DANCE TECHNIQUE AND PERFORMANCE 11**

(Inside & Outside the Timetable)

***This course satisfies the "AST" graduation requirements***

**\*\*Note:** This course is offered both inside and outside the regular timetable.

So you think you can dance? Build more skills and techniques to help you create and play with choreography. Using story and critical thinking, students will perform their work during our showcase at the end of the term. This is a performing course.

**DANCE TECHNIQUE AND PERFORMANCE 12**

(Inside & Outside the Timetable)

**PREREQUISITE:** Dance Performance 11

***This course satisfies the "AST" graduation requirements***

**\*\*Note:** This course is offered both inside and outside the regular timetable.

Step up! Challenge yourself to go beyond in your technique, flexibility and creativity. This course will build on your skills and refine your art form. Your leadership and confidence will guide our class in our creative works. We cannot wait for your contributions to our group. This is a performing course.

**DANCE CHOREOGRAPHY 12**

(Inside & Outside the Timetable)

**PREREQUISITE:** Dance 10 or Dance Experience

***This course satisfies the "AST" graduation requirements***

**\*\*Note:** This course is offered both inside and outside the regular timetable.

Challenge yourself physically and creatively and as a leader. This high intensity course will challenge you to push yourself in the exploration of music and movement. Collaboration and risk taking will inspire your artistic expression with guidance in developing various choreography for yourself or the team. Refining your dance skills in a growth mindset will help you achieve your best as a dancer. This is your opportunity to be the teacher and a student. Pre-requisites are Dance 10 and 11/12.

**OTT Dance:**

Calling all Dance enthusiasts. Don't have room in your timetable but love to dance. We will be a dance team full of positive energy and collaboration. One morning class and one afternoon class a week will be offered to dedicated dancers. This is a performing course.

# DUAL CREDIT PROGRAMS

CHECK OUT THE DISTRICT WEBSITE WITH ALL OPTIONS, LINKS, AND APPLICATIONS AT: <https://www.dualcredit23.com/>

<b>TRADES &amp; TECHNOLOGY</b> <ul style="list-style-type: none"><li><a href="#">Aircraft Maintenance Technician</a></li><li><a href="#">Aircraft Maintenance Engineer-Structures</a></li><li><a href="#">Auto Collision Repair/Refinishing Technician</a></li><li><a href="#">Auto Service Technician</a></li><li><a href="#">Carpentry Foundation</a></li><li><a href="#">Carpenter Joiner</a></li><li><a href="#">Culinary Arts</a></li><li><a href="#">Electrical Foundations</a></li><li><a href="#">Forestry: Utility Arborist</a></li><li><a href="#">Hairstylist</a></li><li><a href="#">Heavy Mechanical Trades</a></li><li><a href="#">Pastry Arts</a></li><li><a href="#">Plumbing &amp; Piping</a></li><li><a href="#">Refrigeration &amp; A/C Mechanic</a></li><li><a href="#">Recreational Vehicle Technician</a></li><li><a href="#">Sheet Metal</a></li><li><a href="#">Trades Sampler Construction</a></li><li><a href="#">Trades Sampler MOTIVE</a></li><li><a href="#">Welding</a></li></ul>	<b>HEALTH CARE AND EDUCATION</b> <ul style="list-style-type: none"><li><a href="#">Health Care Assistant (Video)</a></li><li><a href="#">Early Childhood Education (Video)</a></li><li><a href="#">NEW Healthcare Sampler</a></li><li><a href="#">Emergency Medical Responder (EMR)</a></li></ul> <b>ADMINISTRATIVE ASSISTANT &amp; OFFICE ASSISTANT CERTIFICATES</b> <ul style="list-style-type: none"><li><a href="#">Administrative Assistant</a></li><li><a href="#">Office Assistant</a></li></ul> <b>COMPUTER INFORMATION SYSTEM AND TECHNOLOGY</b> <ul style="list-style-type: none"><li><a href="#">CISA Program Summary</a></li><li><a href="#">Cybersecurity</a></li><li><a href="#">Gateway to Technology APPLICATION</a></li></ul> <b>ACADEMIC DUAL CREDIT</b> <ul style="list-style-type: none"><li><a href="#">Okanagan College</a></li><li><a href="#">UBCO - APSC 171: Engineering Drawing and CAD/CAM</a></li><li><a href="#">UBCO - APSC 169: Fundamentals of Sustainable Engineering Design</a></li></ul>
<b>SKILLED TRADES BC YOUTH WORK (APPRENTICESHIP):</b> <a href="#">Application</a> <p>If you are a secondary school student 15 -18 years of age working in a trade area, you may already be eligible to participate in the Skilled Trades BC Youth Work Program while in high school and qualify for a \$1000 Youth Work in Trades Award.</p>	

## ENGLISH

- An English 10 (4 credits), 11 (4 credits) and 12 (4 credits) are required for graduation*
- Grade 10 and Grade 12 Provincial Literacy Assessments must be completed prior to graduation*
- All courses will include a focus on the First Peoples' Principles of Learning*
- All English classes at a given grade level, although different in theme or flavours, are equal in all skills and curriculum*

Reading, writing, and speaking are essential skills developed in all English classes. Students develop communication and critical thinking skills by exploring diverse literary genres, digital media, formal composition, and various perspectives, including the First Peoples Principles of Learning. By analyzing how texts reflect social, historical, and cultural perspectives, students practice being engaged citizens capable of expressing complex ideas across academic, creative, and professional platforms.

### ENGLISH FIRST PEOPLES LITERARY STUDIES & WRITING 10

*This course satisfies the "Language Arts 10" graduation requirement as well as the Indigenous Graduation requirement*

Students will work on growing their knowledge of Canadian Indigenous Peoples perspectives, literature, cultures, and history through a variety of short stories, poems, novels, media, and discussions. Students will examine topics and perspectives that look at identity and belonging, culture, empathy, and connection in a variety of different contexts. While focusing on Canadian Indigenous Peoples, this course may also include content from a variety of Indigenous cultures worldwide including Aborigine, Maori, Sami, Maya, Benu, and others.

### LITERARY STUDIES & COMPOSITION 10:

*This course satisfies the "Language Arts 10" graduation requirement*

Students examine, create, and respond to a variety of diverse texts that explore current social issues. This course helps students question what they hear, read, and view. By analyzing how texts reflect social, historical, and cultural perspectives, students practice being engaged citizens capable of expressing complex ideas across academic, creative, and professional platforms. Reading, writing, and speaking are essential skills developed in all English classes. In Literacy Studies & Composition 10, students are expected to complete the Provincial Grade 10 Literacy Assessment.

### CREATIVE WRITING 11

*This course satisfies the "Language Arts 11" graduation requirement*

Creative Writing 11 is for students who are passionate about writing and wish to further develop their writing skills. It will involve extensive practice to explore writing for a variety of purposes, including fiction, non-fiction, editorial, opinion, poetry, and free writing. Students will explore the process and craft of writing and everything that goes into engaging a reader. Students should come ready to write, read, and explore.

### ENGLISH FIRST PEOPLES LITERARY STUDIES & WRITING 11

*This course satisfies the "Language Arts 11" as well as the Indigenous Graduation Requirement*

Students will work on growing their knowledge of Indigenous perspectives, literature, cultures, and history through a variety of short stories, poems, novels, media, and discussions. Students will examine topics and perspectives that look at identity and belonging, culture, empathy, and connection in a variety of different contexts.

### NEW MEDIA 11

*This course satisfies the "Language Arts 11" graduation requirement*

New Media provides students with skills vital for success in an increasingly complex digital world by offering numerous opportunities to demonstrate understanding and communicate sophisticated ideas through a wide variety of digital and print media. By analyzing how texts reflect social, historical, and cultural perspectives, students practice being engaged citizens capable of expressing complex ideas across academic, creative, and professional platforms.



**LITERARY STUDIES & COMPOSITION 11**

***This course satisfies the "Language Arts 11" graduation requirement***

Students examine, create, and respond to a variety of diverse texts that explore current social issues. This course helps students question what they hear, read, and view. By analyzing how texts reflect social, historical, and cultural perspectives, students practice being engaged citizens capable of expressing complex ideas across academic, creative, and professional platforms.

**ENGLISH LITERACY STUDIES (Pre-AP) 11**

***This course satisfies the "Language Arts 11" graduation requirement***

Literary Studies 11 (Honours) is intended for students who are interested in literary and language studies, and/or wish to prepare for the rigour, critical thinking, and writing skills of University/Post-Secondary. We will look at a variety of texts: poetry, short fiction, novels, and plays in order to develop and build an appreciation for the role that literature and language plays in society. Literary Studies 11 (Honours) requires a high work ethic and commitment outside of the timetable. Although Pre-AP Literary Studies is not a requirement for AP Literature 12, it is highly recommended.

**CREATIVE WRITING 12**

***\*\*Note: This course satisfies the "Grade 12 Elective" graduation requirement and does not satisfy the "Language Arts 12" graduation requirement***

Creative Writing 12 is an elective course for students who are especially passionate about writing. The course focuses primarily on personal writing projects, so expect a lot of in-class writing time and frequent writers' workshops to share, critique, and celebrate the writing produced by you and your peers. Teacher-led lessons will highlight the process and craft of writing, focusing on the tools authors use to engage readers. Students will be encouraged to explore and experiment with various genres, including fiction, non-fiction, poetry, and scriptwriting. Come join a class of like-minded people who love to write, read, and explore the world of Creative Writing.

**ENGLISH STUDIES 12**

English Studies 12 is a graduation requirement course that brings together a student's communication, thinking, personal, and social skills. Students will demonstrate skills in composition, spoken language, new media, creative writing, and literature. Students will gain confidence in formal academic and personal writing while enhancing their lifelong knowledge and communication skills. Students will leave this course with a greater ability to question what they hear, read, and view and see how this contributes to their ability to be educated and engaged citizens.

**ENGLISH FIRST PEOPLES STUDIES 12**

***This course satisfies the "Language Arts 12" as well as the Indigenous Graduation Requirement***

English First Peoples Studies 12 is equivalent to other Grade 12 English courses in skills, rigor, and graduation requirements, while centering Indigenous voices, texts, and worldviews grounded in the First Peoples Principles of Learning. Through the study of Indigenous literature, authors, and oral traditions, students deepen their understanding of Canada's past, present, and future while exploring themes of resilience, identity, and the connections between land and culture. Students complete the Grade 12 Literacy Assessment as part of graduation requirements. Students develop communication and critical thinking skills by exploring diverse literary genres, digital media, formal composition, and various perspectives, including the First Peoples Principles of Learning. By analyzing how texts reflect social, historical, and cultural perspectives, students practice being engaged citizens capable of expressing complex ideas across academic, creative, and professional platforms.

**ENGLISH LITERARY STUDIES (AP) 12**

***This course satisfies the "Language Arts 12" graduation requirement***

English Studies 12 Advanced Placement (AP) is intended for students who are interested in literary and language studies, and/or wish to prepare for the rigour, critical thinking, and writing skills of University/Post-Secondary. We will look at a variety of texts: poetry, short fiction, novels, and plays in order to develop and build an appreciation for the role that literature and language plays in society. AP Literature 12 requires a high work ethic and commitment outside of the timetable. The AP exam is optional, but students can receive post-secondary credit based on their exam score. *\*Literary Studies 11 (Pre-AP) is not required for this course, but is recommended.*

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**GLOBAL AND INTERCULTURAL SKILLS PROGRAM**

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**WHAT IS GLOBAL AND INTERCULTURAL SKILLS PROGRAM?**

Students participating in the **Global and Intercultural Skills Program (GISP)** earn a certificate by completing interculturally focused coursework and documenting intercultural experience. Students must complete three components to satisfy the program requirements. The first component consists of two foundation courses, **Global and Intercultural Studies 12** and **Global and Intercultural Experience 12**. The second component requires students to complete at least two year of foreign language studies in grades 10, 11 or 12. The third component is the completion of four courses (16 credits) with cultural or global content. Students working toward a GISP certificate will engage in cultural events and develop a better sense of themselves as global citizens, and a more inclusive and intercultural mindset. Universities around the world have made commitments to intercultural values and Global Studies is a growing, interdisciplinary field of study. Students graduating with this certificate can better demonstrate their commitment and engagement with these values.

**GLOBAL AND INTERCULTURAL STUDIES 12 - Outside the Timetable**

***This course satisfies the "Elective" graduation requirement***

This is an outside the timetable course open to all Grade 11 or 12 students and is a required course for students pursuing a certificate in Global and Intercultural Skills. Students will understand intercultural concepts beginning with their own cultural identity. Students will develop knowledge of the beliefs, expressions, values, and customs of other cultures. Students develop skills and strategies related to intercultural communication and interaction. Students will maintain an inventory of their own growth toward an intercultural mindset. Competencies developed in this course are applicable to life experiences locally and globally and are highly valued skills any career requiring interpersonal and intercultural communication.

**GLOBAL AND INTERCULTURAL EXPERIENCE 12 - Outside the Timetable**

***This course satisfies the "Elective" graduation requirement***

This is an outside the timetable course open to all Grade 10, 11, or 12 students in which students can earn credit for intercultural experiences outside of school. Acceptable experiences include, but are not limited to, international travel, hosting an international student, being an international student, and local cultural events. Students will develop communication competencies and an appreciation for effective, open, and respectful interactions across cultures. Students will demonstrate their learning in a final presentation based upon three intercultural experiences. The gathering of information and developing reflective practice is practiced throughout the year as students work toward their year-end presentation. Students interested in this course will cross-enroll to take it at Mount Boucherie Secondary and are able to attend classes virtually.

This course satisfies the "Elective" graduation requirement. This is one of the required courses for students pursuing a certificate in Global and Intercultural Skills.  
For students interested in taking this course who will be hosting an international student during 2026-2027, please let your school counsellor know and also email [homestay@sd23.bc.ca](mailto:homestay@sd23.bc.ca)

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## HOME ECONOMICS

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### FASHION & SEWING 10

**PREREQUISITE:** None

***This course meets the "AST" graduation requirements***

This introductory course will teach you the basics of how to make and design your own clothing. No previous sewing experience is needed. Projects in the past have included: a bag, a baby quilt (that is donated to the Neonatal unit at Kelowna General Hospital), t-shirt/knit dress, a skirt and a design challenge project. In every project students will have to use their Creative and Critical Thinking skills as every project involves design choices that result in personalized and unique products. Through discussion, and wardrobe challenges students will be asked to consider their Personal Identity and Social Responsibility. To see what we are doing please check out Mrs Geistlinger's website: <https://mbssewingandfashion.weebly.com/> and click on the Fashion & Sewing 10 link.

### INTO FASHION & SEWING 11

**PREREQUISITE:** None

This course meets the "ADST" graduation requirement

This introductory course will teach you the basics of how to make and design your own clothing. No previous sewing experience is needed. Projects in the past have included: a bag, a designer hot pad, t-shirt/knit dress, a skirt and a design challenge project. In every project students will have to use their Creative and Critical Thinking skills as every project involves design choices that result in personalized and unique products. Through discussion, and wardrobe challenges students will be asked to consider their Personal Identity and Social Responsibility. To see what we are doing please check out Mrs Geistlinger's website: <https://mbssewingandfashion.weebly.com/> and click on the Fashion & Sewing 10/Intro Sewing 11 link.

### FASHION & SEWING 11

**PREREQUISITE:** Fashion & Sewing 10

This course will challenge your sewing skills with more technical projects and teach basic pattern drafting techniques to make your style truly your own. This is an advance course that builds on the skills developed in Fashion & Sewing 10. Projects may include: button up shirt, pants, and a personally designed skirt. In pattern designing and pattern manipulation students will use their Communication, Critical Thinking and Creative Thinking skills to create work that truly reflects their personal style. Students will learn about sustainable and fast fashion asking them to reflect on their Social Responsibility and Positive Personal Identity. To see what we are doing please check out Mrs Geistlinger's website: <https://mbssewingandfashion.weebly.com/> and click on the Fashion & Sewing 11 link.

### FASHION & SEWING 12

**PREREQUISITE:** Fashion and Sewing 11

***This course meets the "AST" graduation requirements***

This advance course builds on the skills and knowledge of Fashion & Sewing 11. Students will explore fashion and the design process through the drafting of custom pants based entirely on their own personal measurements. This challenging project will require students to utilize their Communication, Critical and Creative Thinking skills to achieve their desired final product. Emphasis will be on creating a perfect fit and tailoring techniques. In addition, students will work with 4 way knit to create a product of their choice. Through discussion and project work we will explore sustainable fashion and fashion recycling challenging students to question their Positive Personal & Cultural Identity and Social Responsibility. To see what we are doing please check out Mrs Geistlinger's website: <https://mbssewingandfashion.weebly.com/> and click on the Fashion & Sewing 12 link.

### FOOD STUDIES 10

***This course meets the "AST" graduation requirements***

This course may be taught out of one of the foods labs or the culinary kitchen. This is an introductory course designed to complement and build upon skills that the students may have learned in Foods 9. There are many opportunities to analyze and critique recipes and redevelop the recipe using creative and critical thinking skills. Students are taught to work with a partner, and within a team, to build on their communication skills and personal responsibility. This is a hands-on course and the students leave the course with solid food handling and food safety skills.

### FOOD STUDIES 11

***This course meets the "AST" graduation requirement***

Note: This course may be taught out of one of the foods labs or the culinary kitchen. This course expands on the techniques and principles learned in Foods 9 or 10 by using more advanced techniques and recipes. The students are encouraged to develop their social responsibility and communication skills by working together as a collaborative group. Students will take the FoodSafe course, and will examine many aspects of food preparation.

### FOOD STUDIES 12

***This course meets the "AST" graduation requirements***

This course may be taught out of one of the foods labs or the culinary kitchen. Foods 12 is an advanced level Foods course for students with a solid Food Studies background. An emphasis is placed on having students use creative and critical thinking skills to create meals that are customized for the needs and tastes of the student and their group. Students collaborate together in a team which develops communication skills and allows them to take responsibility for the food choices that they make in the classroom. Advanced units of study incorporate foods from many cultures, nutrition throughout the life cycle, current nutrition and food issues, and current consumer issues.

### HOUSING and LIVING ENVIRONMENTS 12

***This course meets the "AST" graduation requirements and has no prerequisites***

Housing and Living Environments 12 helps students understand the many factors that shape how people create and live in different types of homes. Students explore ways to improve housing through service design, learn basic building and interior design methods, and use materials and design principles to make living spaces more comfortable and appealing. The course looks at how social, environmental, and political trends affect housing needs and choices, and how different influences shape the options people have. Students also learn about traditional and modern First Peoples housing and the importance of connection to place, along with cultural sensitivity and the ethics of cultural appropriation. Topics such as laws and rules

about housing, financial responsibilities, and the needs of individuals and families are included so students can better understand and plan living environments that are safe, respectful, and meaningful.

**TEXTILES ARTS and CRAFTS 10**

Textile Arts and Crafts 10 is a dynamic course exploring many fiber arts. Students engage in learning from fiber to final project, emphasizing project-based learning. The course fosters creativity, problem-solving, and exploration while learning through tradition and innovation. Projects could include topics around felting, embroidery, weaving, beading and many more. Students will be given the opportunity to individualize their projects to express their personal identity and creativity. No prior skills in art, textiles or crafting are needed. Come join us to expand your crafting skills.

**CULINARY ART 12 - TRADES SAMPLER**

This course provides students with a learning situation comparable to a professional, quality food service kitchen. In this active participation class, students will learn basic restaurant skills in safety and sanitation, food preparation (e.g., baking, sandwich and salad making, meat, fish and poultry cookery, short-order cooking, soups and sauce preparation, vegetable, pasta and rice cookery), operation and maintenance of large industrial equipment and customer service.

**CHILD DEVELOPMENT AND CAREGIVING 12**

This course focuses on building students' understanding of the cycle of human development. It focuses on the study of children's growth and development. Students will learn about the fundamental development process from conception and infancy to adolescence and explore tools and techniques for ensuring proper growth. Content will also include the study of different caregiving styles and how these approaches are linked to theories on child development.

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**HUMAN SERVICES**

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**INDIGENOUS CULTURE & LEADERSHIP 10-12**

***This course satisfies the "Elective" graduation requirement***

Do you love making a difference in your school and community? Would you like to learn more about Indigenous culture and leadership opportunities? This course provides all youth (Indigenous and non-Indigenous) with exciting and engaging opportunities to learn and lead on the traditional territory of the syilx people. In this course, students will explore what it means to be a leader within their personal lives, as well as within their local and global community. This is a mixed grade level course of students from grades 10 through 12. Students who take additional levels of this course will be expected to advance upon their skills and curricular competencies, and further develop their leadership skills. This course is part of the Academy of Indigenous Studies but does not yet count towards the Provincial Requirement for an Indigenous focused course.

**STUDENT LEADERSHIP 10/11/12**

***This course satisfies the "Elective" graduation requirement***

You make MBSS a fun and exciting place to be!  
In this course, students learn how to plan, promote, & lead school events and activities as they work collaboratively to build school spirit. Students develop individual character & leadership skills that help make our school, community, and world a better place. In this class, students will learn more about what it means to be a responsible, kind, respectful, inclusive leader, committed to making a positive difference. This is a high-intensity course meant for students with the desire and motivation to actively contribute, collaborate with others, build personal self-confidence and empathy skills, and change the world. Students will be expected to volunteer at lunchtime, after school, or during breaks to help with school events, and to be ready to have fun learning lifelong leadership skills. This is a mixed grade level course for students from grades 9 through 12. Students who take additional levels of this course will be expected to advance upon their skills and curricular competencies, & further develop their leadership skills. Students are required to complete a course application and teacher reference form. Students are required to complete a course application and teacher reference form (current MBS Students only).

**LEADERSHIP EXCELLENCE 11/12- INDEPENDENT DIRECTED STUDY - Outside the Timetable**

***This course satisfies the "Elective" graduation requirement***

This is a course that is designed for the busy student leader! Students taking Leadership Excellence is designed to empower our youth and give them opportunities to be the change we need in the world. Students will work with our administration and leadership teachers to enhance their school and community. Students will work independently on a variety of school, community, and student led projects, and will connect with other students, who, like themselves, want to create a better school, a better community, and a better world for themselves and for others.

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**INFORMATION TECHNOLOGY**

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- ***A Fine Art or Applied Skill in either grade 10, 11, or 12 (4 credits) are required for graduation.***

**COMPUTER ANIMATION 10**

***This course meets the "Elective" graduation requirements***

Interested in animation, game design, Claymation, art, film & T.V.? Students begin an inquiry into the principles of animation, then learn how to create unique 3D models used in today's games, apps, and movies. This course is a rich introduction for those thinking about careers as Animators, Modelers, Special Effects, CGI, VFX, Game Design, Digital Sculptor, or any one of the numerous other professions related to the movie, gaming and digital design industry. Students will develop skills and techniques for animating characters, creating object assets, storyboards and designs. Utilizing industry standard software Autodesk Maya, students create various meshes and special effects. This is a fun and creative self-paced course designed for computer users of all levels and a preparatory course for deeper exploration in Animation 11/12.

**COMPUTER ANIMATION 11**

***This course meets the "Elective" graduation requirements***

Looking to further your developmental practice and technical skill in Animation? In this intermediate course we build on those skills utilizing both 2D & 3D techniques. Students will continue developing proficiency in designing, creating and modeling objects in 2D/3D environments. The course is very much a hands-on, self-paced course that requires a good deal of individual inquiry, motivation, independence, and application. Your learning success is entirely in your hands and based around your level of engagement with the topic. Students will deepen their use of animated storytelling & the principles of animation utilizing industry software Maya. The 2D component of the course has been partially created in partnership with Toon Boom and their Harmony software. Students will be introduced to 2D animating with Harmony Essentials software from Toon Boom. This high end software is used by well-known companies such as Disney, Electronic Arts, and by local animation studios Bardel Studios, Hyper Hippo or Yeti Farm Creative here in Kelowna.

## **COMPUTER ANIMATION 12**

**PREREQUISITE:** Computer Animation 11

***This course meets the "Elective" graduation requirements***

This advanced, 3rd level course is for those wanting to further refine their knowledge and skill creating 2D & 3D animations previously developed in Animation 11. This is a self-paced, hands-on course with a more open-ended, personal portfolio-based approach for the student passionate about animating and creating digital asset models. It is a challenging, practical and fun course where you are in control of your learning. You'll be empowered as self-navigating learners pursuing personal areas of interest. The course requires a strong level of individual commitment where students are expected to plan, practice, and prepare a portfolio of their learning.

## **COMPUTER PROGRAMMING & GAME DESIGN 10**

***This course meets the "AST" graduation requirements***

Do you wonder how mobile apps are created? About Video Game Design? Big Data? Robotics? VR? Artificial Intelligence? Computer Science is the fastest growing STEM field (Science, Technology, Engineering, Math) for women & men. This course takes a Design Thinking, module based approach as students inquire into and are exposed to the multiple facets of computer science. Students will be introduced to programming languages; Python & C# in a fun, engaging, self-paced and hands-on format. You'll dig into digital Game Design with Unity and create some mini games of your own! Students use the computers for problem solving, programming, and digital media creation. This course is designed for computer users of all levels. Absolutely no programming experience is needed! Bring your positive attitude and get engaged with your learning.

## **COMPUTER PROGRAMMING & GAME DESIGN 11**

***This course meets the "AST" graduation requirements***

This course expands on the foundational concepts of computer science and challenges students to explore more deeply how computing and technology can impact the world. Students will build on the topics from Computer Science 10 while using the Applied Design process to investigate and solve problems in course areas of personal interest. In addition to explorations of personal interest, major course modules include further Python development and an in-depth continuation of introductory programming through video game design. Students will learn programming through the design and development of computer games utilizing the Unity engine and GODOT software. Students will explore the fundamentals of writing code in C# and how it directly relates to video games. Students will create fully functioning digital games in 2D & 3D.

## **COMPUTER PROGRAMMING & GAME DESIGN 12**

**PREREQUISITE – Computer Science/ Programming 11**

Computer Science 12 continues with a deeper focus on the concepts and societal impacts of computer science introduced in grade 11. Students develop greater proficiency and knowledge in programming, and Game Design utilizing the Unity engine. There will also be an opportunity for students to pursue specific technical areas of personal interest (Web development, Game Design, Programming Languages, Robotics and more). Students will collaborate to develop programs, video games or other learning artifacts of greater complexity. A high level of personal responsibility and individual study is necessary from all students. This self-paced course is for those students interested in pursuing a career in computer programming/game development, robotics or other computer science/programming related pathways.

## **DRAFTING AND DESIGN 10**

***This course meets the "AST" graduation requirements***

Want to learn how to make and read blueprints? 3D print? Create stickers or design t-shirts? Drafting 10 explores the elements and techniques used for sketching, designing, modeling, and creating mechanical and architectural drawings. This course is the starting point of careers such as engineering, architecture, interior design, CNC machine fabrication, carpentry, plumbing, and many more! You can also learn how to create drawings for communication with a CNC vinyl cutter and 3D printer allowing the potential to make stickers and vinyl pressed T-shirts!

## **DRAFTING AND DESIGN 11**

***This course meets the "AST" graduation requirements***

As a follow up to Drafting 10, this course is designed to give students further skills in both 2D and 3D drawing. This will allow students to design their own house exactly the way they like it, maybe even for future use! Students will further develop skills to draw a set of floor plans, elevations, and perspective drawings of a home. While in the mechanical drafting portion, students will move on to more advanced orthographic and perspective drawings, and 3D solid modeling which may also include them bringing a complex object to life on a 3D printer.

## **DRAFTING AND DESIGN 12**

***This course meets the "AST" graduation requirement***

Have you ever seen an animated view of a house or building like you see on TV renovation shows? Or an animated complex machine? This course gives the students freedom to choose and explore various types of software such as Fusion 360, Rivet, ArchiCAD, and sketch up, among others! This course is specifically designed for those heading to a career involving design, engineering, or building of any kind! It will again involve taking conceptualized objects drawn in one of these software programs and bringing them to life with a 3D printer.

## **ELECTRONICS & ROBOTICS 10/11/12**

***This course meets the "AST" graduation requirements***

This course is an introduction to the exciting world of Electronics and Robotics. Come and explore a subject that impacts almost everything you do on a daily basis. Electronics/Robotics is a continually changing field that offers many rewarding, varied and fascinating careers. Students will use the Applied Design process to understand Arduino components in breadboarding simple circuits while learning what some of the more common components do. In addition to a number of hands-on, project labs; students will design, then build a personal project showcasing their learning. The Robotics component introduces engineering build concepts for robotics followed by introductory programming with various microcontrollers for the VEX EXP systems. A core focus of the course is the development of problem solving skills through fun, real life challenges that students must face and robots must overcome. The students also investigate the field of robotics, how it is developing and how robotics is being utilized in our everyday lives. A NEW **drone flying** automation and flying module has been added to this year. A self-paced course that allows ample opportunity for students to select additional projects of their own choice and/or design. Previous knowledge or training is not required, only a positive, 'can do' mindset!

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## **ENGLISH LANGUAGE LEARNER (INTERNATIONAL STUDENTS)**

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*Students will be placed in the appropriate level based on their knowledge of the English language*

### **BASIC ENGLISH LANGUAGE DEVELOPMENT – LEV. 1**

#### ***This course satisfies the "Elective" graduation requirement***

This course is designed for the student who has no or very limited English. This course will introduce students to the four main English language skills of reading, writing, listening, and speaking and encourage the viewing and representation of materials. This course focuses on developing strategies needed to read, write, and extract information successfully in English, and addresses specific needs of students regarding language and culture. Throughout the course, students participate in authentic real-life situations. Students demonstrate English language proficiency in oral, visual, and simple written forms such as simple present, past, and future tenses. Students identify and compare their own customs to Canadian culture and customs.

### **INTRODUCTION TO ACADEMIC LANGUAGE – LEV. 2**

#### ***This course satisfies the "Elective" graduation requirement***

This course is designed for the student who has a beginning to lower intermediate level of English. Students will develop the academic language and extend the English language skills needed to be more successful in the content areas of English and Social Studies. This course builds student writing, speaking, listening, and reading competencies by introducing them to a variety of text genres, registers, structures, forms, and styles. Students will listen, read, and study texts in specific genres by studying the forms, styles, and models required to create these text structures to build their competencies so they can create original pieces.

### **INTERMEDIATE ENGLISH LANGUAGE DEVELOPMENT– LEV.3**

#### ***This course satisfies the "Elective" graduation requirement***

This course is designed for the student who has an Intermediate level of English. The student has basic English skills and needs further practice in English speaking, listening, reading, and writing in order to successfully integrate into academic classes. This course will further introduce students to the four main English language skills of reading, writing, listening, and speaking and encourage the viewing and representation of materials. The course focuses on further developing strategies needed to read, write, and extract information successfully, and addresses specific needs of students regarding language and culture. Students will participate in authentic real-life situations and demonstrate English language proficiency in oral, visual, and simple written forms such as simple present, past, and future tenses.

### **ADVANCED ENGLISH LANGUAGE DEVELOPMENT – LEV. 4**

#### ***This course satisfies the "Elective" graduation requirement***

This course is designed for the student who has an upper intermediate to advanced level of English. The student will take this course while taking a senior level English course. This course is designed to strengthen the development of the four main English language skills of reading, writing, listening and speaking. Students will practice skills and strategies that will support their proficiency and advance their confidence in the English language. Reading and viewing materials incorporated into the course will encourage students to apply a growing range of strategies, which will further their success in academic language, and in academic and social interactions.

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## **LANGUAGES**

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### **FRENCH 10**

#### **PREREQUISITE: French 9**

#### ***This course meets the "Elective" graduation requirements***

Voudriez-vous apprendre plus de français? Are you considering traveling to Quebec or French speaking countries? Are you interested in expanding your career opportunities and broadening your horizons? Take French - Canada's other Official Language! Students will learn new vocabulary and grammatical concepts to help them communicate in French through enjoyable activities. This course develops students' skills in speaking, listening, reading, and writing with fun and engaging activities. Students will be exposed to Canada's French heritage through culture, film, festivals, creative works, and food. This course follows a comprehensible input (CI) method of teaching that allows students to acquire a natural approach to language learning.

### **FRENCH 11**

#### **PREREQUISITE: French 10**

#### ***This course meets the "Elective" graduation requirements***

Imaginez une classe pleine d'expériences en français! Students continue to learn about Francophone cultures and develop their speaking, listening, reading, and writing skills. This course follows a comprehensible input (CI) method of teaching that allows students to acquire a natural approach to language learning. More emphasis is placed on communicating in French through films, festivals, authentic and creative works, and food to enhance class work and introduce students to interesting cultural aspects. French 11 is required in order to obtain full language acceptance for some university programs.

### **FRENCH 12**

#### **PREREQUISITE: French 11 or approval from teacher (immersion, francophone students)**

#### ***This course meets the "Elective" graduation requirements***

Bon voyage! Vous auriez une expérience plus riche en français! This course will be an asset for students wishing to pursue a career in the arts, government, tourism, travel, or to study at the post-secondary level. This course follows a comprehensible input (CI) method of teaching that allows students to acquire a natural approach to language learning. Students will continue to increase their proficiency and be exposed to Francophone culture and creative works. French has equality of status to English in Canada, and French language skills offer the opportunity of employment in all institutions of the Parliament and Government of Canada. A language 12 is recommended to enter certain degree programs.

### **INTRO TO AMERICAN SIGN LANGUAGE 11**

Welcome to Intro ASL 11–this is a social, communication-based, and partly immersive course where students learn American Sign Language through interactive activities, partner work, and plenty of games to help build confidence and fluency. Students will explore Deaf Culture, learn about key moments in Deaf history, and will take part in deaf cultural experiences. By the end of the course, students will have a stronger appreciation for the culture and history behind the language. Let's get signing.



**INTRODUCTORY AMERICAN SIGN LANGUAGE**

***This course meets the "Elective" graduation requirements***

In Intro American Sign Language, students will embark on a unique and immersive journey into the world of visual communication. ASL is a rich and expressive language, serving as the primary means of communication for the Deaf community. This course is designed to introduce students to the fundamental aspects of ASL, emphasizing its visual nature and fostering a voices-off environment for an optimal learning experience. Throughout the semester, students will engage in a dynamic and fast-paced learning environment, focusing heavily on visual cues and facial expression. Our classroom is a voices-off space, creating an atmosphere that mirrors real-world Deaf communication. This course incorporates a variety of games and activities to reinforce the learning.

*Post-Secondary: This course, plus ASL 11 will satisfy the second language requirement for many universities. It is recommended that you take ASL 12 in order to satisfy exit requirements for some degree programs. (Check with your post-secondary institution to confirm)*

**AMERICAN SIGN LANGUAGE 11**

**PREREQUISITE: Introductory ASL 11**

***This course meets the "Elective" graduation requirements***

ASL 11 is where your journey into American Sign Language enters a phase of greater depth and sophistication. This course is designed for those who have completed Intro American Sign Language and possess a basic understanding of ASL grammar, vocabulary, and conversational dynamics. Through a combination of lessons, interactive activities, and games, students will refine their signing skills and broaden their ability to communicate effectively in ASL. Students will be encouraged to use ASL in real-life situations, research topics related to ASL, and become more immersed in deaf cultural expressions.

*Post-Secondary: It is recommended that you take ASL 12 in order to satisfy exit requirements for some degree programs. (Check with your post-secondary institution to confirm)*

**AMERICAN SIGN LANGUAGE 12**

**PREREQUISITE: ASL11**

***This course meets the "Elective" graduation requirements***

ASL 12 connects ASL with real-life situations. Students will further explore Deaf Culture within the local Deaf Community. Increased language proficiency will allow students to gain deeper social and personal awareness skills and to engage with peers more effectively. Students will further explore modes of deaf cultural expression and gain a better understanding of controversial issues within the Deaf Community.

*Post-Secondary: This course may satisfy exit requirements for some degree programs. (Check with your post-secondary institution to confirm)*

**INTRODUCTORY GERMAN 11**

***This course meets the "Elective" graduation requirements***

Introductory German 11 is designed for students with no previous knowledge of German. Starting with basic introductions, the goal of the course is to promote speaking German as early as possible, and students will learn useful vocabulary and expressions for everyday topics like family, hobbies, school, weather and travel. Resources such as songs, stories, videos, and movies, along with games, are used to develop growing understanding and speaking-ability. Early on, students will be able to have conversations in German, expanding over the course. Students will also be in communication with German pen-pals. Grammar is gradually introduced as needed, with a focus on speaking German more as the course progresses. German, Austrian, and Swiss histories and cultures are explored throughout the course. Introductory German can be followed with German 11 and the German 12. This course is open to Grade 10, 11, or 12 students.

**GERMAN 11**

**PREREQUISITE: Introductory German 11**

***This course meets the "Elective" graduation requirements***

This course builds on the vocabulary and communicative skills of Introductory German 11. The emphasis is on communication about relevant topics such as food, leisure, sports, sightseeing and travel, fashion, jobs, and school. German, Austrian, and Swiss histories and cultures are explored throughout the course, as well as current events. Videos, movies, songs, stories, games, as well as communication with students in a German school, will be used to encourage comprehension and speaking skills.

**GERMAN 12**

**PREREQUISITE: German 11**

***This course meets the "Elective" graduation requirements***

German 12 is for students who wish to further develop their German skills and knowledge of German, Austrian, and Swiss culture and history. The strong knowledge of German that students will develop will be useful in careers such as Tourism, Business/Trade, and Music. Students will be exercising their knowledge of German through authentic activities that include partner and group discussions, skits, and writing stories. Stories, movies, songs, communication with a school in Germany, and other resources will support the expansion of students' knowledge of German.

**INTRODUCTORY JAPANESE 11**

***This course meets the "Elective" graduation requirements***

This course will teach listening, speaking, reading, and writing in Japanese. Students must master “hiragana” (one of the three written character sets used in Japan). Students will also begin to learn “katakana” and some “kanji”. Beginners’ Japanese 11 students will also be able to answer and ask basic Japanese questions in both oral and written forms. Time will also be devoted to learning about the history, culture, and customs of Japan.

**JAPANESE 11**

**PREREQUISITE: Beginners' Japanese 11**

***This course meets the "Elective" graduation requirements***

A continuation of Introductory Japanese 11 for students who intend to practice their listening comprehension, speaking and reading abilities, and writing skills on a more advanced level. Japanese 11 is required in order to obtain full language credit for some universities.

**JAPANESE 12**

**PREREQUISITE: Japanese 11**

***This course meets the "Elective" graduation requirements***

Continued basic study of Japanese, emphasizing oral communication and leading to a balanced development of proficiency in the four communication skills of listening, speaking, reading, and writing. Basic structures, vocabulary, pronunciation, and writing are practiced along with continued familiarity with culture, history, and geography. Oral and written authentic text from native speakers is used as much as possible. A language 12 is recommended to enter certain degree programs, depending on the post-secondary institution and the year.

**INTRO OKANAGAN LANGUAGE 11**

***This course meets the "Elective" graduation requirements***

Learning OKANAGAN (nsyilxcn) through listening, storying and self-directed projects is rewarding and fun. In this class, you will get comfortable in nsyilxcn. By the end of the semester, you will be able to and write using the international phonetic alphabet. You will also learn several captikwl (stories) and the cultural teachings reflected through the stories. This is a mixed grade level course of students from grades 9 through 12. This course is part of the Academy of Indigenous Studies.

**OKANAGAN LANGUAGE 11**

**PREREQUISITE:** Previous Okanagan Language experience would be beneficial

***This course meets the "Elective" graduation requirements***

OKANAGAN (nsyilxcn)11 continues Okanagan language acquisition through engaging with and reading captikwl (stories), the N̓səl̓xc̓in' Curriculum Project of six textbooks developed by the Salish School of Spokane and The Paul Creek Language Association. Everything in class is taught to make it easy to understand. In Okanagan 11, you will attain further comfort as a beginning speaker. Okanagan Language 11 fulfills the language acceptance prerequisite for acceptance into some colleges and universities. This course is part of the Academy of Indigenous Studies

**OKANAGAN LANGUAGE 12**

**PREREQUISITE:** Okanagan Language 11

***This course meets the "Elective" graduation requirements***

OKANAGAN 12 uses advanced captikwl (stories) coupled with the N̓səl̓xc̓in' Curriculum Project of six textbooks developed by the Salish School of Spokane and The Paul Creek Language Association to help you to become increasingly fluent and ready to explore Okanagan language and culture at the post-secondary level. This course is part of the Academy of Indigenous Studies.

**INTRODUCOTRY SPANISH 11**

***This course meets the "Elective" graduation requirements***

¿Quieres aprender español? Students in grade 10, 11, 12 will learn how to speak, read, and write in Spanish using real-life scenarios, such as talking about school-life, household, and descriptive vocabulary of family and friends. Students will use stories to share their experiences and strengthen their own personal identity. Students will also explore different regional variations of cultural identity through a variety of creative works. This course follows a comprehensible input (CI) method of teaching that allows students to acquire a natural approach to language learning.

**SPANISH 11**

**PREREQUISITE:** Introductory Spanish 11

***This course meets the "Elective" graduation requirements***

¿Te gusta el mundo hispano? Students will continue to communicate and comprehend Spanish in a variety of ways. By the end of this course, students will be able to narrate real-life scenarios, such as emotions and well-being, seasonal activities, cultural events, daily routines, and travel. Students will explore written and visual works that will allow them to make connections between language and culture. This course follows a comprehensible input (CI) method of teaching that allows students to acquire a natural approach to language learning. Spanish 11 is required in order to obtain full language credit for some universities.

**SPANISH 12**

**PREREQUISITE:** Spanish 11

***This course meets the "Elective" graduation requirements***

¿Quieres viajar o aprender español por la universidad? Do you want to travel, work, or take a language at post-secondary? If so, this is the course for you! Not only will students learn more vocabulary and grammar techniques, they will be challenged to use all of the Spanish they have learned from all three courses to communicate in various ways. By the end of this course, students will be able to narrate their feelings, hopes, opinions, and beliefs using a variety of real-life scenarios. Students will respond to historical, contemporary, and authentic works. They will explore their cultural understanding through daily activities and interactions. This course follows a comprehensible input (CI) method of teaching that allows students to acquire a natural approach to language learning. A language 12 is recommended to enter certain degree programs.

**SPANISH and Culture Language Exchange CONVERSATIONAL**

¿Quieres hablar? Calling all language enthusiasts, International Students, Canadian Spanish speakers to bring your language into this 'real world' course. Level up your language with this conversational opportunity to exchange culture and language. We will choose various topics to chat about, including travel, family, food and culture and with the guidance from Spanish speakers we can authentically share global perspectives. This course is intended to further your understanding of the language and culture with authentic speakers. Come challenge yourself.

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**MATH**

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- ***A Math 10 (4 credits), and a Math 11 or 12 (4 credits) are required for graduation.***
- ***The Provincial Numeracy Assessment must be completed prior to graduation. It is recommended this be completed in your Grade 10 Math course.***
- ***Scientific calculators are required for all math courses, but the use of calculators is at the individual teacher's discretion.***

[See SCIENCE for FIELD & WORKPLACE SCIENCE 11](#)

**FOUNDATIONS OF MATH & PRE-CALCULUS 10**

***This course meets the "Mathematics 10" graduation requirement***

In Foundations & Pre-Calculus, students will develop the mathematical understandings and critical-thinking skills identified for post-secondary studies. They will explore a variety of topics including problem solving, number sense, algebra, relations, functions, exponent laws, factoring polynomials, arithmetic sequences, and financial literacy. After successful completion of this course, students will be ready to enroll in Foundations of Math 11 or Pre-Calculus 11.

**WORKPLACE MATH 10**

***This course meets the "Mathematics 10" graduation requirement***

In Workplace Math 10, students will develop mathematical understandings and critical-thinking skills identified as useful for direct entry into the work force and entrance into some Trades programs. Students will explore a variety of topics, including problem solving, number sense, geometry, and measurement.

**FOUNDATIONS OF MATH 11**

**This course meets the "Mathematics 11 or 12" graduation requirement.**

**Priority for this course will be given to Grade 11 and 12 students**

Foundations of Math 11 is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs like Geography, Arts, or Humanities, as these programs do not require the study of theoretical calculus. Students will explore topics such as relations and functions (graphical analysis), angle relationships, trigonometry, scale models, financial literacy, logical reasoning and statistics. This course satisfies the Math 11 requirement for graduation, but may not be sufficient for entry into some post-secondary programs without further study in Math 12.

**FOUNDATIONS OF MATH 12**

**PREREQUISITE: Recommended grade of B or higher and good work ethic in Foundations 11 or Pre-Calculus 11**

**This course meets the "Mathematics 11 or 12" graduation requirement**

Foundations of Math 12 is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs such as Nursing, Economics, Geography, Arts, or Humanities. Topics include logical reasoning, relations and functions, permutations and combinations, and probability. To be successful in this program, students must have excellent work and study skills. This course may be required for entry in to some post-secondary programs, but does not meet the requirement for all programs.

**PRE-CALCULUS 11**

**This course meets the "Mathematics 11 or 12" graduation requirement**

**Priority for this course will be given to Grade 11 and 12 students**

Pre-Calculus 11 is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus like Business, Sciences, or Engineering. You will explore a variety of topics including algebra, radicals, measurement, quadratic relations and functions, trigonometry, and financial literacy. This course satisfies the Mathematics 11 requirement for graduation, but may not be sufficient for entry into some post-secondary programs without further study in Mathematics 12.

**PRE-CALCULUS 12**

**PREREQUISITE: Pre-Calculus Math 11 – Recommended Grade of B or higher and good work ethic**

**This course meets the "Mathematics 11 or 12" graduation requirement**

This pathway will provide a challenge and enrichment to those students who have demonstrated superior ability in mathematics. This course is abstract and theoretical with an emphasis on problem-solving skills that require the use of higher mental processes. These mathematical understandings and critical-thinking skills are required for entry into post-secondary programs that require the study of theoretical calculus like Sciences or Engineering. Topics include algebra and number sense, measurement, relations and functions, trigonometry, exponential functions, and logarithms. Students in this program must have excellent work and study skills. This course may be required for entry in to some post-secondary programs.

**CALCULUS 12**

**PREREQUISITE: Pre-Calculus Math 12 – Recommended Grade of B or higher and good work ethic**

**This course meets the "Mathematics 11 or 12" graduation requirement**

In Calculus 12, students will explore infinitesimal change and limits, leading to differential and integral calculus. They will learn about instantaneous rates of change, area under curves, and applications of Calculus. If students have strong algebra skills, and enjoy a challenge, Calculus 12 will prepare them for further study in Mathematics, Sciences, Engineering, or Business at a post-secondary level.

**APPRENTICESHIP MATH 11/12**

**This satisfies the "Mathematics 11 or 12" graduation requirement**

**This course follows Workplace 10**

This pathway is specifically designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into **some** post-secondary Trades programs and for direct entry into the workforce. Topics include measurement tools, geometry, trigonometry, design process using 2D/3D shapes, and financial literacy. This course **may** be accepted for entrance into some Post-Secondary Trades programs. Students should research their post-secondary options as entrance requirements vary by program, by year, and by institution.

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**MUSIC**

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- **A Fine Art or Applied Skill in either grade 10, 11, or 12 (4 credits) are required for graduation**

**CONCERT BAND 10**

**PREREQUISITE: Band 9 (private musical experience may substitute for this prerequisite)**

**This course satisfies the "AST" graduation requirement**

All students currently in Band 9 are encouraged to select this course. A wide variety of music will be rehearsed and performed as part of the Grade 10 Concert Band. Instrumental technique, music listening, and various enrichment activities will be included. Students are expected to engage in regular practice of both their music and technical exercises in order to achieve mastery of this level of music. Students who have never been a part of a regular school band class are welcome to join Concert Band 10, provided they have the ability to read music. Some music theory, music listening, and skill-building exercises will be included in the course curriculum. Orchestral string players are welcome! Concert Band 10 is a four-credit linear course, and also includes an additional morning practice every second week. These morning rehearsals are a valuable opportunity to gain the skills necessary to be successful at the high school level, and are highly recommended.

**CONCERT BAND 11/12**

**PREREQUISITE: Concert Band 10 or 11**

**This course satisfies the "AST" graduation requirement**

Concert Band 11/12 presents the opportunity for students to continue building playing skills, musicianship, and ensemble teamwork. Students are expected to engage in regular practice of both their music and technical exercises. Orchestral string players are welcome! Some music theory, music listening, and skill-building exercises will be included in the course curriculum. Concert Band 11/12 is a four-credit linear course, and also includes an optional (but highly recommended) additional morning practice every second week. Students who take both levels of this course will be expected to advance upon their skills and curricular competencies.

**INTRODUCTION TO PIANO 10/11/12**

***This course satisfies the "AST" graduation requirement***

This course is for anyone interested in learning to play and develop skills playing the keyboard/piano. Students will learn the foundations of music including scales, chords, theory, ear training, sight reading, listening skills, and improvising. A keyboard will be provided for classroom use and students are encouraged to buy their own for practice at home. Students will learn various styles of music including Pop, Jazz, Classical, Gospel, and Country. There may be several performances throughout the year that students will need to prepare for. Students interested in pursuing post-secondary music education may need to take this course.

**JAZZ BAND 10**

**PREREQUISITE: Jazz Band 9 or minimum two years of band experience**

***This course satisfies the "AST" graduation requirement***

All Grade 9 students who are interested in playing in Jazz Band and are currently enrolled in Band 9 or have at least two years of playing experience, are encouraged to select this course (previous Jazz experience is an asset, but is not required). Students are expected to engage in regular practice of both their music and technical exercises in order to achieve mastery of this level of music. Swing, Funk, Ballad, Latin, and Contemporary Jazz charts will be studied and performed in Jazz Band 9. Some music theory (mostly related to improvisation), music listening, and skill-building exercises will be included in the course curriculum. Jazz Band 10 is a linear course, and also includes an additional morning practice every second week. These morning rehearsals are a valuable opportunity to gain the skills necessary to be successful at the high school level, and are highly recommended.

**JAZZ BAND - INSTRUMENTAL MUSIC 11/12**

**PREREQUISITE: Jazz Band 10**

***This course satisfies the "AST" graduation requirement***

Jazz Band 11 and Jazz Band 12 are a continuation of the previous levels of Jazz Band, with an emphasis on the rehearsal and performance of Swing, Funk, Contemporary Jazz, and Latin charts. Some music theory (mostly related to improvisation), music listening, and skill-building exercises will be included in the course curriculum. Jazz Band 11 and Jazz Band 12 are four-credit linear courses, and also include an optional (and highly recommended) additional morning practice every second week. Enrollment in Concert Band is also recommended for its valuable musicianship skill-building. Students who take both levels of this course will be expected to advance upon their skills and curricular competencies.

**JAZZ STUDIES 10/11/12: (Outside the Timetable)**

**PREREQUISITE: Students must be enrolled in the Jazz Band course at the same grade level**

***This course satisfies the "AST" graduation requirement***

**\*\*Note:** This course is offered outside the regular timetable

Jazz Studies, also known as Jazz Combo, is a small ensemble that usually consists of a rhythm section and one or more wind instruments or vocalists. The Jazz Combo ensemble was the dominant format for groups heard on major Jazz recordings from the 1950's and onward. Emphasis is on the further development of jazz improvisation theory, leadership skills, and ensemble playing skills. Rehearsals may be held before school, at lunchtime, or after school. Each combo must rehearse twice per week at times chosen by the band which are conducive to each member's schedule for the entire year. Jazz Combos are also asked to play gigs independent of the music department. Often, these gigs are played without pay, but as the experience level of the combo increases, opportunities for paid gigs do occur. As Jazz Studies occurs outside of the regular timetable, students may select it without consuming one of their regular elective slots on their timetable. Students must be in Jazz band to participate in Jazz Studies. Students who take both levels of this course will be expected to advance upon their skills and curricular competencies.

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**PHYSICAL EDUCATION**

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- ***Physical and Health Education 10 is a requirement for graduation***

**SEE ACADEMIES – SPORTS FOR THE FOLLOWING:**

Baseball, Golf, Hockey, Mountain Biking, Outdoor Education 9, Soccer, Swimming

**PHYSICAL EDUCATION 10**

***This course satisfies the "Physical and Health Education 10" graduation requirement***

In this course, students will understand that personal strengths and weaknesses, and personal preferences, help them plan and achieve their goals. Students will also understand that trying a variety of physical activities will increase the likelihood that they will be active throughout their lives. Students will know that healthy choices influence and are influenced by our physical, emotional, and mental well-being. Finally, students will understand that personal fitness can be maintained and improved through regular participation in physical activities. Successful completion of PHED 10 or Dance 10 is a graduation requirement.

**FIT FOR LIFE 10**

***This course satisfies the "Physical and Health Education 10" graduation requirement***

The focus of this course will be individual lifestyle activities and lifelong physical activity. Students will participate in a variety of individual and dual sports and fitness activities including but not limited to archery, badminton, disc golf, geocaching, hiking, walking/running, orienteering, table tennis, fitness and weights. Other activities will vary based upon accessibility. Some of these activities will be off-campus and will have fees associated (TBD) for the year depending on the type and number of trips. A component of the course will also involve active living where students would incorporate healthy food and lifestyle choices. This class requires active participation of all students. Students need gym strip (athletic shoes, shorts, T-shirt) for every class.

**SEE DANCE FOR THE FOLLOWING:**

DANCE TECHNIQUE & PERFORMANCE 10/11/12, and DANCE CHOREOGRAPHY 12

**BASKETBALL 10/11/ 12**

**PREREQUISITE: Experience Recommended**

***Grade 10 Basketball satisfies the "Physical and Health Education 10" graduation requirement***

***Gr 11 and 12 Basketball satisfies the "Elective" graduation requirement***

Within the basketball academy, it is our intention to educate and empower our students with confidence, commitment, and integrity, so they can live a productive, successful life. The academy emphasizes respect for teammates, peers, and community by instilling a code of ethics built on honesty, integrity, responsibility, and teamwork. It is our intention to create an environment where every student can reach their full potential, and develop their talents and skills in their game, and, more importantly, in life. Students who take additional levels of this course will be expected to advance upon their skills and curricular competencies, and further develop their leadership skills.

**GIRLS' WEIGHTS AND FITNESS 11/12**

***Grade 11 and 12 Girls' Weights and Fitness satisfies the "Elective" graduation requirement***

In this course we will be working to improve the general strength and conditioning of female high school students. This course is offered inside the regular timetable for grade 10-12 students. This course will focus on basic weight room safety and the development of proper lifting technique. Students will also work to improve their cardiovascular endurance using a variety of in/out the weight room exercises. Physical literacy and individual body awareness basics will be a primary component of student learning throughout this course. Students and teachers will work together to build individual fitness programs that can be maintained and progressed throughout the remainder of their high school career. Students will partake in a variety of fitness assessment activities throughout the semester/school year. These assessments will help to provide students with a concrete understanding of their individual fitness, to generate competition within the group as needed, and to foster support/collaboration. Students who take all levels of this course will be provided with an opportunity to enhance their fitness related learning, to build positive relationships/community with peers, and to further develop their leadership skills.

**FITNESS & CONDITIONING 11/12 (Inside & Outside the Timetable)**

***This course satisfies the "Elective" graduation requirements***

**\*\*Note:** This course is offered both inside and outside the regular timetable

In this course, students will know that their personal fitness can be maintained or enhanced through participation in a variety of activities at different intensity levels. Students will understand how their bodies move and function which will lead them to stay safe during exercise. Furthermore, students will follow proper training guidelines and techniques in order to help them reach their personal health and fitness goals. Students who take both levels of this course will be expected to advance upon their skills and curricular competencies.

**FOOTBALL 10/11/12**

***PREREQUISITE: Experience recommended***

***Grade 10 Football satisfies the "Physical Health and Education 10" requirements***

***Grade 11 and 12 Football satisfies the "Elective" graduation requirements***

This course is designed to be an introduction to the game of American football, including football theory, strategy, techniques, and training, both in and off season. Students will learn the rules of the game, as well as offensive, defensive and special team strategies. Students will be expected to utilize critical thinking skills to develop and design systems and strategies. Students will learn how to use the personal equipment and be instructed in the safe use of the equipment during technical drills practiced during class time. In addition to contact drills, students will be expected to participate in non-contact drills and scrimmages. In the practical component of the course, students will learn technique in all aspects of the game including blocking, tackling, catching, kicking, and coaching. An emphasis will be placed on both individual contributions to a team as a community and the development of team skills. In the theory component, students will study the history of both the American and Canadian games. A significant portion of this course will be on the prevention and care of football-related injuries. The focus will be on experiential learning, connecting and engaging with others, and fostering self-regulation, and positive personal and cultural identity. Students who take both levels of this course will be expected to advance upon their skills and curricular competencies, and further develop their leadership skills.

**FOOTBALL WEIGHTS & CONDITIONING 10/11/12: (Outside the Timetable: Afternoons)**

**\*\*Note:** This course is offered outside the regular timetable and is not limited to football players. Football Weights & Conditioning is specifically designed for students who wish to work on explosive power, strength training, building healthy muscle mass, and learning proper technique in the weight room. Students will participate in base line testing and track their growth over the course of the class. Students will learn about personal fitness, how it can be maintained, and strategies for life-long personal health. This will be accomplished through building individual fitness and weight programs, while focusing on the fundamental skills associated with weight and powerlifting. Students will understand how their bodies move and function which will keep them safe during exercise. In addition, students will monitor and improve their strength/fitness levels by participating in the fitness assessments throughout the course. Students will focus on experiential learning, connecting and engaging with others, fostering self-regulation, and positive personal and cultural identity. Students who take all levels of this course will be expected to advance upon their skills and curricular competencies, and further develop their leadership skills.

**HUMAN KINETICS 12**

***This course satisfies the "Elective" graduation requirements***

Human Kinetics is a course designed for the student who is thinking of pursuing a career in either medicine, physiotherapy, physical education, nursing, or personal training. This course is designed for the student who want to learn more about health sciences and how the body works. Human Kinetics will give students a head start in either your post-secondary education, your personal health, or your athletic performance. In this course, students will learn all the anatomical structures that contribute to the body's kinetics, and will understand how to apply this information to real life goal setting, and injury prevention and rehabilitation. Students will learn exercise science principles and apply these principles to personal fitness plans. Furthermore, students will take a hands-on approach to learning by demonstrating multiple taping and injury prevention techniques.

**OUTDOOR EDUCATION ACADEMY 10**

A new fresh take on the classic Grade 9 Outdoor Education Academy. This class will run in the timetable. Students will be introduced to basic outdoor activities and processes, menu planning and cooking, gear awareness and activities such as; training for hike, multi night hiking trip, rock climbing, archery, Olympic Rowing and intro sailing. The course fee of \$425 includes all activities and transportation. Cost for food and individual gear is the responsibility of the student.

**OUTDOOR EDUCATION 11: (Outside the Timetable)**

***This course satisfies the "Elective" graduation requirements***

**\*\*Note:** This course is offered outside the regular timetable

This course will provide an atmosphere that crackles with excitement, enthusiasm, and wonder. It will provide training in a variety of outdoor pursuits. The course will involve many activities outside of school including: backpacking, survival, camping, rock climbing, lake and ocean kayaking, plus more. Earn first aid certification, and Paddle Canada's Level 1 Sea Kayaking award. Students will be evaluated using a variety of approaches, including personal journals, skill presentations, reports, class projects, and practical camp situations. This class is a fun opportunity to meet new people while trying new sports. All that is needed is a positive attitude and willingness to push your limits. Students may take this course in grade 10, 11, OR 12.

**OUTDOOR EDUCATION 12: (Outside the Timetable)**

***This course satisfies the "Elective" graduation requirement***

**\*\*Note:** This course is offered outside the regular timetable

This course provides an opportunity for students to explore their interest in various aspects of outdoor education and leadership. Students will develop outdoor leadership skills including group management through simulated emergencies, as well as by implementing risk management principles by organizing, planning, and executing outdoor education trips. Students will be given the opportunity to practice outdoor leadership skills with peers providing support and feedback. Students will be given the



opportunity to learn and demonstrate leadership in many outdoor situations; from organizing and planning trips in the classroom to leading peers in a game after a day's activity around a campfire. In addition, students will have opportunity to further refine their skills in various outdoor activities such as camping, cross country skiing, kayaking, rock climbing, and backpacking. Students who are willing to push their personal comfort zones will get the most out of this course. Students may take this course in grade 11 OR 12.

**PHYSICAL EDUCATION 11/12**

***This course satisfies the "Elective" graduation requirement***

In this course, students will understand that finding enjoyable recreational activities is an important part of overall health and well-being. Students will also recognize that safety and injury prevention practices allow for lifelong participation in physical activities. Students will participate in a number of activities which will aid them in developing healthy emotional and mental well-being beyond high school. Students who take both levels of this course will be expected to advance upon their skills and curricular competencies.

**VOLLEYBALL 10/11: (Outside the Timetable)**

**PREREQUISITE: Experience Recommended**

***Volleyball 10 satisfies the "Physical and Health Education 10" graduation requirement***

***Volleyball 11 satisfies the "Elective" graduation requirement***

Note: This course is offered outside the regular timetable  
This class will provide advanced training to improve play in the game of volleyball. The class will cover the various skills of volleyball including attacking, blocking, setting, defense, passing, and serving. Discussion will also include training techniques in practice, coaching strategy, officiating, nutrition, and outdoor volleyball. An emphasis will be placed on both individual and team skills. Students who take both levels of this course will be expected to advance upon their skills and Curricular competencies, and further develop their leadership skills.

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**PSYCHOLOGY**

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**PSYCHOLOGY 11**

***This course satisfies the "Elective" graduation requirement***

In Psychology 11, you are invited to learn about one of life's interesting subjects – you! The study of psychology is all about people - the actions, thoughts, motives, and feelings that make up our lives. A background in psychology equips us to deal with the inevitable changes we are bound to encounter throughout life. In this introductory course, the focus is on developing a greater awareness of the complexities of behavior, a desire to understand behavior more fully, and an ability to think more objectively about the many behavioral problems that confront us today. Topics of study include: the states of consciousness, dreams, personality, psychological disorders, motivation, emotion, and the biological basis of behavior.

**PSYCHOLOGY 12**

***This course satisfies the "Elective" graduation requirement***

Today, we are becoming increasingly aware of the role that psychology plays in our lives. The study of psychology is applicable to any career and can be personally invaluable both in personal insights and in our interactions with others. This course can be taken as a stand-alone introduction or it can be taken to build on the foundation of knowledge gained in Psychology 11. Students are encouraged to participate in a process of discovery and application of psychological concepts. The topics of study include: development, learning, cognition, social psychology, abnormal psychology, and the treatment of psychological disorders.

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**SCIENCE**

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- ***A Science 10 (4 credits) and a Science 11 or 12 (4 credits) are required for graduation***

**SEE AP PROGRAMS FOR THE FOLLOWING:**

AP Biology, AP Chemistry, AP Physics

**SCIENCE 10**

***This course satisfies the "Science 10" graduation requirement***

Science 10 is a general topic survey course designed to expose students to a variety of science interests. Science 10 curriculum focuses around four big ideas: biology - genes are the foundation for the diversity of living things; chemistry - chemical processes require energy change as atoms are rearranged; physics - energy is conserved and its transformation can affect living things and the environment; and astronomy - the formation of the universe can be explained by the big bang theory.

**BIOLOGY 11 – Life Sciences 11**

**Course Recommendation: A minimum C+ grade in Science 10 and a strong work ethic is strongly recommended. This course satisfies the "Science 11 or 12" graduation requirement**

This course is a pre-requisite for most science/medical post-secondary programs  
This is a general interest course that also meets the minimum requirement for college or university entrance. This course is a general introduction to plant, animal, and microbiology. Biology 11 is comprised of three big ideas including: characteristics of living things, evolution, and taxonomy across the six kingdoms. This class includes a large block of time that will be devoted to laboratory studies.

**BIOLOGY 12 – Anatomy and Physiology 12**

**Course Recommendation: A minimum C+ grade in Science 10 and a strong work ethic is strongly recommended. Completion of Biology 11 and Chemistry 11 would also be of benefit. This course satisfies the "Science 11 or 12" graduation requirement**

Biology 12 focuses on human biology, allowing students to develop an interest in, and an understanding of science by looking at themselves and seeing how the diverse body systems are integrated to maintain homeostasis. Biology 12 focuses on three big ideas: homeostasis, DNA, and cells, and organization of systems in the human body.

**CHEMISTRY 11**

**Course Recommendation: A minimum C+ average in Science 10 and Foundations & Pre-calculus 10 or 11 is strongly recommended. This course satisfies the "Science 11 or 12" graduation requirement**

Chemistry is the study of matter. The learning outcomes for Chemistry 11 are focused around the big ideas of atoms and molecules, organic chemistry, molarity, chemical reactions, and solubility. Since the concepts of ratios and proportions, graphing, and scientific notation are used extensively throughout the course, a good understanding of these mathematical concepts is required.

**CHEMISTRY 12**

**Course Recommendation: Chemistry 11**

**This course satisfies the "Science 11 or 12" graduation requirement**

A minimum C+ grade in Chemistry 11 and Pre-Calculus 11 is strongly recommended. This course concentrates on five big ideas of chemistry including: kinetics, equilibrium, solubility, acid and base systems, electrochemical cells and oxidation - reduction reactions. Chemistry 12 is a lab-oriented course which will combine lab concepts with course content. Emphasis is placed on theory and problem-solving strategies to complement the theory. Scientific calculators are a must. Chemistry 12 is a pre-requisite for some university level programs.

**CHEMISTRY 12 ASPIRE (8 Credits)**

**Course Recommendation: Chemistry 11**

**This course satisfies the "Science 11 or 12" graduation requirement**

A minimum C+ grade in Chemistry 11 and Pre-Calculus 11 is strongly recommended. ASPIRE is a full-year applied sciences program that combines Chemistry 12, Environmental Science 12, aspects of Careers 12, and post-secondary lab preparation. Designed for students interested in university pathways in Science, Health, Engineering, or related fields, the course builds knowledge, lab experience, and confidence needed for post-secondary success. Students apply their learning to real-world problems, collaborate with community partners, and develop core scientific practices. The program includes off-campus learning experiences, career exploration, and opportunities to engage in authentic research and field-based investigations with community partners. Students also earn all volunteer hours required for graduation through mentorship, and benefit from the UBCO BRIDGE Mentorship Program, where they are paired with UBC Okanagan undergraduate mentors for support, guidance, and post-secondary insight.

**EARTH SCIENCE 11**

**Course Recommendation: Science 10. This course satisfies the "Science 11 or 12" graduation requirement**

Earth Science 11 is an introductory course designed to introduce students to the diverse aspects of our earth and solar system. There is an emphasis on rocks and minerals, plate tectonics, volcanoes, earthquakes, and outer space. Students will also be doing research projects to enhance their knowledge of the planet's special features. The curriculum for Earth Science 11 focuses around student interests, curricular competencies and focuses on projects, labs and creative assignments to promote a lifelong interest in Science.

**MARINE SCIENCES 12**

**Course Recommendation: Minimum C+ grade in Science 10 and Math 10 Foundations and Pre-Calculus.**

**This course satisfies the "Science 11 or 12" graduation requirement as Specialized Science 12.**

This is a specialized interest course that is intended for students who are interested in pursuing additional learning opportunities in the sciences. This will be a student interest led course that will focus on developing science skills through project and lab work. Students will specifically study the plants, animals and microbes associated with the marine world. The course will also look at biodiversity and the complex interactions between biotic and abiotic factors, how climate change impacts biodiversity and ecosystem health and how species have evolved in that environment and the factors involved in that evolution.

**PHYSICS 11**

**Course Recommendation: Minimum C+ in Foundations & Pre-Calculus 10 and Science 10 strongly recommended**

**This course satisfies the "Science 11 or 12" graduation requirement**

Physics 11 is an introductory course that familiarizes students to the principles and theories of physics. Students will develop an understanding and appreciation of the nature of science as an evidence-based way of knowing the natural world and develop a solid foundation of conceptual and procedural knowledge in science. Students will be encouraged to develop the habits of mind associated with science, a lifelong interest in science, and the attitudes that will make them scientifically literate citizens. Physics 11 focuses around the big ideas of: motion, forces, energy transformations, and waves.

**PHYSICS 12**

**Course Recommendation: Minimum B grade in Math 11 and Physics 11 is strongly recommended**

**This course satisfies the "Science 11 or 12" graduation requirement**

Physics 12 builds on the concepts that were introduced in Physics 11. Students will consider the changes in knowledge over time as tools and technologies have developed and connect scientific explorations to careers in science. As students gain more conceptual and procedural experience in physics, they will analyze patterns, trends, and connections in data, including describing relationships between variables, performing calculations, and identifying inconsistencies. Mathematical rigor will increase and students will be expected to apply the skills they have gained in their math and physics classes. Students will use knowledge of scientific concepts to draw conclusions that are consistent with evidence and analyze cause-and-effect relationships. Physics 12 is centered around the following big ideas: measurement of motion, linear and circular motion, forces and energy interactions, and momentum. Optional topics include electromagnetic forces and induction, equilibrium, and circular motion and gravitation.

**SCIENCE FOR CITIZENS 11**

**Course Recommendation: Science 10. This course satisfies the "Science 11 or 12" graduation requirement**

Science for Citizens meets graduation requirements for students who do not intend to continue to post-secondary studies that require science prerequisites. This course will focus on the growth of scientific knowledge and understanding. The 3 big ideas are: scientific processes and knowledge inform our decisions and impact our daily lives; scientific knowledge can be used to develop procedures, techniques, and technologies that have implications for places of employment; and scientific understanding enables humans to respond and adapt to changes locally and globally.

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**SOCIAL STUDIES**

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- *A Social Studies 10 (4 credits) and a Socials Studies 11 or 12 (4 credits) are required for graduation.*

**SOCIAL STUDIES 10**

**This course satisfies the "Social Studies 10" graduation requirement**

In Social Studies 10, students will study Canada's history from WWI to the present day. Students will learn about Canada's involvement in global conflicts that shaped both the contemporary world and our country's identity. In addition, students will explore and make judgments about historical and contemporary injustices that have challenged our country's image as an inclusive, multicultural society. Students will also be exposed to diverse worldviews that have influenced developments in our society and political institutions. Most importantly, students will develop their historical thinking skills and apply them to our modern world. Skills and knowledge gained in this class can be applied to various fields of study and will prepare students for the many Social Studies options available in Grades 11 and 12.

## **EXPLORATIONS IN SOCIAL STUDIES 11**

### ***This course satisfies the "Social Studies 11 or 12" graduation requirement***

Explorations in Social Studies 11 is designed to provide flexibility for students to learn in an inquiry model about a variety of Social Studies topics. Units of study may be drawn from any of the Ministry approved upper-level Social Studies courses such as 20th Century World History, Asian Studies, Political Studies, Law Studies, Geography, Contemporary Indigenous Studies, Genocide Studies, and Social Justice. It is important to note that this course meets the necessary graduation requirements; however, it is not recognized for entrance into many post-secondary institutions.

## **20th CENTURY WORLD HISTORY 12**

### ***This course satisfies the "Social Studies 11 or 12" graduation requirement***

Have you ever wondered what forces have shaped our present-day world? Students taking 20th Century World History 12 will study the most significant events that have influenced the world in which we live. Students will explore political and social movements, technological and economic developments, and wars and revolutions. They will develop their historical-thinking skills by assessing significance, taking different perspectives, exploring continuity and change, and making reasoned, ethical judgments about past and present actions. Students will develop a richer understanding of the forces that influence our present and future, such as the clashes of ideologies in the 20th Century that are recognizable in conflicts today. Students will be a better-informed citizen, as they apply their historical skills to an unlimited range of fields, including business, law, journalism, education, current events and politics, entertainment, and art, etc.

## **ASIAN STUDIES 12**

### ***This course satisfies the "Social Studies 11 or 12" graduation requirement***

Students who take Asian Studies will understand the impact of geography, imperial conflict, economic development, and nationalism on the people of Asia from 1840 to the present. Students will learn about the political, physical, and human geography of Asia, the political and economic development of East Asia, and the rich cultural diversity found across Asia. They will develop skills related to historical inquiry, making assessments, judgements, and comparisons. Students will learn these skills through reading articles and lecture notes, and by using primary documents, film, and class discussion. When possible, students will connect course content with current events. Asia is home to 60% of the world population. It is also home to influential economic, political, and cultural powers. Students more familiar with Asia will have an advantage in an increasingly interdependent and interconnected global environment. Skills and knowledge from this class can be applied in various fields of study and careers, including history, geography, communications, travel, cinema, journalism, diplomacy, international business, and law.

## **B.C. FIRST PEOPLES 12**

### ***This course satisfies the "Social Studies 11 or 12" as well as the Indigenous Graduation Requirement***

This course is recommended to Grade 11 or 12 students to fulfill their graduation requirements in Social Studies and the Indigenous graduation credit.

This senior-level Social Studies course is offered to all students who wish to expand their knowledge of Indigenous Peoples and culture in British Columbia. This course will expose students to the longstanding connection BC First Peoples have had with the land in developing their identity and worldview. Students will explore the diversity and resilience of BC First Peoples and how current self-determination is a challenge in Canada's ongoing legacy of colonialism. This course is part of the Academy of Indigenous Studies.

## **CONTEMPORARY INDIGENOUS STUDIES 12**

### ***This course satisfies the "Social Studies 11 or 12" as well as the Indigenous Graduation Requirement***

This senior-level Social Studies course is offered to all students who wish to expand their knowledge and understanding of the relationship between Indigenous peoples and Canada. In this course, students will critically analyze important moments in Indigenous Peoples' and Canada's past to have a better understanding of contemporary Indigenous strengths and struggles in Canadian society. Areas of study include colonialism, prejudice and discrimination, leadership and self-determination, cultural expression and oral traditions, current events and issues, as well as acts of resiliency. This course is part of the Academy of Indigenous Studies.

## **GENOCIDE STUDIES 12**

### ***This course satisfies the "Social Studies 11 or 12" graduation requirement***

Genocide Studies focuses on genocides of the 20th and 21st centuries. Students will learn about the political, social, emotional, cultural, and physical impacts of genocides on people, nations, and the world. Students will explore how genocides begin, the phases of genocides, and possible preventative measures to stop or limit genocides. Students will develop skills related to historical inquiry, making ethical judgments, cause and consequences relationships while looking at various perspectives within history. They will develop these skills through film analysis, reading and interpreting primary sources, lecture notes, class discussions, eyewitness testimonies, guest lectures, and independent research. With the rise of anti-Semitism, hate, and intolerance in the world, there is a need for a course that addresses these contemporary issues, puts them into a historical context, and provides students with the necessary skills to combat these issues within their communities. Skills and knowledge from this class can be applied in various fields of study and careers, including history, geography, communication, travel, politics, journalism, diplomacy, international business, and law.

## **HUMAN GEOGRAPHY 12**

### ***This course satisfies the "Social Studies 11 or 12" graduation requirement***

Students who take Human Geography 12 will acquire the knowledge and skills necessary to better understand our globally connected world, our population patterns and distribution, and how human activities alter landscapes. You will apply geographical knowledge to build curricular competencies, such as using geography as a sense of place, using evidence to apply interpretations, using patterns and trends in data, making ethical judgements, and having human interaction with the environment (including First Peoples). By taking this course, students will better understand the global interactions between peoples, the social inequality that exists in the world today, and the realistic strategies that can be used to minimize the inequality and build a more sustainable future. Skills and knowledge from this class can be applied in various fields of study and careers, including history, geography, geopolitics, communication, engineering, urban planning, travel, politics, journalism, diplomacy, international business, and law.

## **LAW STUDIES 12**

### ***This course satisfies the "Social Studies 11 or 12" graduation requirement***

Law Studies 12 is a course designed to introduce senior students to the Canadian legal system. Students will explore criminal law, civil law, and the Canadian justice system and come to understand how laws can either maintain the current state of affairs in a society, or act as a force for change. Students will also develop skills in constructing arguments, recognizing and appreciating different perspectives on issues, and using effective research strategies through case studies and projects. Understanding your rights and responsibilities within Canadian society will allow you to advocate for yourself and others in many different situations, as laws affect almost all aspects of an individual's daily life. Guest speakers, field trips to the courthouse, and projects will also

play a role in this course. Skills and knowledge gained from this class can be applied to many fields, including law enforcement, social work, legal studies, business, human rights, international relations, and journalism.

**POLITICAL STUDIES 12**

***This course satisfies the "Social Studies 11 or 12" graduation requirement***

What drives the left-wing and right-wing ideologies that fuel so much debate in our society? What does it take for a political party to gain power? Why do certain topics make the news more than others? Political Studies examines government systems and the manner in which decisions are reached. Students will examine the forces that are influential in the decision-making process and how they impact various aspects of our society. Major components of the course will be discussions on current issues and various collaborative projects. These are designed to guide students to formulate reasoned opinions and develop the skills needed to articulate their point of view to others. The course will be influenced by relevant topics which occur in current events that semester.

**SOCIAL JUSTICE 12**

***This course satisfies the "Social Studies 11 or 12" graduation requirement***

Are you interested in learning Social Studies with a blend of activism? In Social Justice, students will explore both historical and contemporary injustices in Canada and globally. They will be exposed to a wide variety of topics that will allow them to gain the critical thinking and research skills needed for post-secondary. Students will explore changes and continuities, interconnections, and differing perspectives and worldviews. Students will be exposed to a wide variety of content that will allow them to build a personal understanding of the global state of injustices and how the world is currently dealing with these issues. Learning will go beyond the classroom, as the course encompasses locally developed learning resources, guest speakers, field studies, and volunteer/service-learning.

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**TECHNOLOGY EDUCATION**

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- ***A Fine Art or Applied Skill in either grade 10, 11, or 12 (4 credits) are required for graduation.***

**AUTOMOTIVE TECHNOLOGY 11**

***This course satisfied the "AST" graduation requirement***

Have you ever wondered what makes a car go, or stop, or shift gears? Auto 11 will answer all those questions and more. Auto 11 is a class that offers students both knowledge and experience through hands-on work on a variety of different vehicles. Students will learn to identify and understand parts and systems of a car and to perform maintenance and repair work. Students will have an opportunity to work on their own vehicles, customers' vehicles, and shop vehicles.

**AUTOMOTIVE TECHNOLOGY 12**

**PREREQUISITE: Automotive Technology 11**

***This course satisfied the "AST" graduation requirement***

Take your auto knowledge to the next level! Auto 12 takes a deeper look at automotive systems and how things work. Auto 12 offers students a greater challenge in the areas of diagnostics and troubleshooting, and performance enhancements. Students will develop their skills through hands-on work on a variety of different vehicles. Want to work on your own vehicle, enhance its performance, or just fix that frustrating problem? Then this is the class for you!

**MEDIEVAL ARMOURING 10**

***This course satisfies the "Elective" graduation requirement***

Keep motivated with fun and exciting projects that you can't wait to finish. This course starts from the basics (no experience needed) and develops a student's metal working skills through amazing medieval armour projects. This course focuses on the traditional techniques of a medieval armorer, as well as touching on modern tools and equipment to speed up the manufacturing process. Blacksmithing, forging, sheet metal armouring, and chainmaille skills will all be included in this course. Students may complete self-directed projects when they finish the required class projects. There is also opportunity to explore various decorative art metal projects and sculptures using much of the same skills! This course is project based and completely hands-on!

**MEDIEVAL ARMOURING 11**

***This course satisfies the "Elective" graduation requirement***

Design, build, and then put your hand into your medieval gauntlet and imagine yourself dressing for battle. Use traditional medieval armorer techniques and some new age equipment and tooling to create authentic projects. Skills learned will include sheet metal armouring, chainmaille, blacksmithing, and forging. (Students who have taken Medieval Armoury 10 will be given the choice of more difficult or elaborate projects.) Once the basic projects have been completed, students are encouraged to enhance their projects with their own personal touch. Designing and fabrication skills easily transfer to the artistic or shop-based career.

**MEDIEVAL ARMOURING 12**

**PREREQUISITE: Medieval Armouring 11**

***This course satisfies the "Elective" graduation requirement***

An extension of Armouring 11, Medieval Armouring 12 uses traditional medieval armouring techniques and some new age equipment and tooling to create authentic projects. Skills learned will include sheet metal armouring, complex chainmaille, blacksmithing, and advanced forging. Students will be encouraged to choose their own projects which will include their own personal embellishments. Designing and fabrication skills easily transfer to the artistic or shop-based career.

**METAL FABRICATION AND MACHINING 10**

***This course satisfies the "AST" graduation requirements***

This course offers students more advanced project work and an opportunity for self-directed projects. This course builds on the skills learned in Metal 9 and focuses on fabrication and welding. Students can look forward to using the milling machine, metal lathe, welders and more. Don't worry if you haven't taken Metal 9, all are welcome!

**METAL FABRICATION AND MACHINING 11**

***This course satisfies the "AST" graduation requirements***

This course is a continuation of Metal Fabrication 10. The course dives deeper in fabrication and machining. Metal 11 builds on previous metal experience and adds new advanced skills through class-wide and self-directed projects. Metal Fabrication 11 focuses on but is not limited to: sheet metal forming, precision machining, welding, CNC plasma cutting, etc. Don't worry if you haven't taken Metal Fabrication before, we will start you off learning all the necessary skills you need!

**METAL FABRICATION AND MACHINING 12**

**PREREQUISITE:** Metal Fabrication11

***This course satisfies the "AST" graduation requirements***

This course is a continuation of Metal Fabrication 11. Metal 12 focuses on precision machining, fabrication and advanced metalworking techniques. Class-wide and self-directed projects allow students to build to the limit of their imagination! There is plenty of freedom to undertake an array of custom projects for cars, trucks, recreational vehicles, or around the home.

**WELDING 12**

**PREREQUISITE:** Metal 11

***This course satisfies the "AST" graduation requirements***

This course is directed toward students planning to continue education in the welding area. This course will be mostly non-project based and will focus on developing the skills and knowledge needed to be a welder. This course will have a more extensive theory component and a significant amount of time spent practicing and developing hand-eye coordination. This class is only for the very dedicated metal work students who want to continue in the welding trade, or who want to pursue a dual credit welding program.

**WOODWORK 10**

***This course satisfies the "AST" graduation requirements***

You will complete several projects incorporating woodwork skills using different technologies, tools, and materials. Your projects will give you opportunities to cut and shape the wood, add veneers or exotic wood details, and learn many different methods of joining wood. After completing the skill building projects, you will have the ability to build your own projects.

**WOODWORK 11**

**PREREQUISITE:** Some woodwork experience

***This course satisfies the "AST" graduation requirements***

This course offers an opportunity for skilled woodwork students to learn advanced woodworking techniques. A mandatory project is required to demonstrate understanding of safety requirements and to review basic skills and workflow, and then the student may construct projects of their choice. Example skills are lathe turned wedged tenons, using the CNC router to create curved surfaces, drilling compound angles, and techniques to duplicate complicated shapes. Woodwork 10 is strongly recommended (students who haven't taken woodwork 10 will complete the level A woodwork project before going onto the grade 11 level B project.)

**WOODWORK 12**

**PREREQUISITE:** Woodwork 11

***This course satisfies the "AST" graduation requirements***

Primarily a furniture/cabinet-making course, in this course, students may choose their own projects to build from plans or design their own plans. Advanced woodwork techniques will be demonstrated as students' progress through the building of their projects. These advanced techniques depend upon what projects students choose to do. This is a highly creative course, so students must come prepared with ideas to develop a project of which they will be proud for many years to come! Sample projects include guitars, cabinets, furniture (chairs, dressers, tables, beds, etc.), kayaks or canoes, tool chests, or whatever a student wants to do!

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**THEATRE & FILM STUDIES**

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- ***A Fine Art or Applied Skill in either grade 10, 11, or 12 (4 credits) are required for graduation***

**ACTING AND IMPROV 10**

***This course satisfies the "AST" graduation requirements***

"I love acting. It is so much more real than life." - Oscar Wilde

Acting and Improvisation 10 is a fun and active class where students will learn the principles of improvisational acting, stage blocking, monologues, ensemble acting and preparing scripts for performance. The course is a performance class with a focus on movement and voice. Our goal is to develop the whole person – socially, emotionally, physically, intellectually, imaginatively and aesthetically – by giving form and meaning to experience. Dramatic growth and positive group interaction is fostered in an atmosphere that is noncompetitive, cooperative and supportive.

**ACTING AND IMPROV 11/12**

***This course satisfies the "AST" graduation requirements***

Acting and Improv 11 is a course that focuses on having fun in a collaborative environment while seeking to develop the whole person – socially, emotionally, physically, intellectually, imaginatively and aesthetically – by giving form and meaning to experience. This course will cover improvisational theatre techniques, ensemble performance, movement, voice, and scene analysis. We will also engage with character analysis and performance, monologues and audition skills with an emphasis on performing every day. You will be encouraged to communicate your ideas and consider the thoughts and opinions of others. You will also work to develop yourself as communicating, caring, inquiring, risk taking, reflective, open-minded, principled, balanced, and thinking individual. Take this class if you enjoy the challenge of improv, the joy of shared experiences, and the rush of theatre performance. Students who take both levels of this course will be expected to advance upon their skills and curricular competencies.

**BOUCHERIE THEATRE COMPANY: Acting, Directing & Management 10/11/12 (Outside the Timetable)**

***This course satisfies the "AST" graduation requirements***

**\*\*Note:** This course is scheduled outside the regular timetable

Students in this course are part of the Boucherie Theatre Company. Students will work in the areas of stage acting, directing, theatre management, and applicable technical theatre work through the preparation and public performance of theatre productions. Students interested in performing in, or being part of the crew of a major school production, are strongly encouraged to take this course. Please note, this course meets after school on certain days of the week and additional days are added as we approach production dates. You must be eager, reliable, flexible and interested in all aspects of theatre to be successful. Students who take additional levels of this course will be expected to advance upon their skills and curricular competencies.

**BOUCHERIE THEATRE PRODUCTION: Stagecraft & Costume Design 10/11/ 12 (Outside the Timetable)**

***This course satisfies the "AST" graduation requirements***

**\*Note:** This course is scheduled outside the regular timetable

Students in this course are part of the Boucherie Theatre Company. Students will work closely with the cast and crew in the areas of stagecraft and/or costume design. Costume design students will have the opportunity to develop hands-on skills such as



designing, sewing, restyling and crafting to create authentic costumes and accessories for the select Major Production. Stagecraft students work in the areas of lighting, sound, set construction and design. Please note: this course meets after school on certain days of the week and additional days are added as we approach production dates. You must be eager, reliable, flexible and interested in all aspects of theatre to be successful. Students who take additional levels of this course will be expected to advance upon their skills and curricular competencies.

**FILM & TELEVISION 10**

***This course satisfies the "AST" graduation requirements***

Are you interested in Youtube vlogging, television, and movies? Are you curious about a potential career in the film industry? The goal of this course is to educate students in the art, craft, technology, and fun of telling stories with a camera. The film industry is growing in British Columbia and offers many employment opportunities. This filmmaking course offers hands-on training, which includes pre-production planning and writing, camera operation, lighting and sound, and editing using professional editing software, as well as an overview of potential career opportunities in the industry. The course strives to encourage students to become creative and thoughtful practitioners in the world of filmmaking. Students will be expected to be intrinsically motivated in this course, be able to receive and give criticism, and be able to dream big.

**FILM SCHOOL - MAKING MOVIES 11**

***This course satisfies the "AST" graduation requirements***

Do you enjoy Youtube, vlogging, television, and movies? Are you interested in the film industry? The goal of this course is to educate students in the art, craft, technology, and fun of telling stories with a camera. Students will continue the study of the art of filmmaking, and the creative process that goes into any film or television project. Students will learn the history of filmmaking and the technological and artistic advances in the art form. We will build upon our knowledge of filmmaking with more sophisticated shooting and editing techniques. Students will be expected to demonstrate an ability to work with a film crew in a specified role to complete pre-production, production, and post-production tasks.

**FILM SCHOOL - MAKING MOVIES 12**

Do you enjoy Youtube, vlogging, television, and movies? Are you interested in the film industry? The goal of this course is to educate students in the art, craft, technology, and fun of telling stories with a camera. Students taking this course should have a strong interest in Filmmaking. You must be mature, responsible, and willing to work with others throughout every facet of the course. We will build on previous knowledge and continue to grow our Filmmaking skills with an emphasis on good camerawork, strong cinematography, film analysis, the theory of editing, and the creation of short films.

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**VISUAL ARTS**

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- ***A Fine Art or Applied Skill in either grade 10, 11, or 12 (4 credits) are required for graduation***

**INTRODUCTION TO PHOTOGRAPHY 10:**

**PREREQUISITES: None**

“A lot can be told from what happens in between the main moments.” – Annie Leibovitz

This course provides students with an introduction to photography that combines both analog black and white film photography and digital photography. Students will learn a variety of compositional techniques, light control through aperture and shutter speed, and how these skills can impact their unique artistic expression. Students will experience post-shooting in both the traditional darkroom and using digital tools like Lightroom and Photoshop. Students will also learn about both historic and contemporary photographers. This is the only course of its kind being offered in our district!

**ANALOG PHOTOGRAPHY 11**

***This course satisfies the "AST" graduation requirement***

“You don't take a photograph, you make it.” – Ansel Adams

This will be an introductory photography course that uses traditional analog black and white film photography. Students will learn to use traditional film cameras to photograph the world around them. They will be taught how to process their own film. Then, the absolute best part of the class, the students work in the darkroom and create prints from their own negatives. During the whole process, students will also learn about the incredible story of the history of photography and learn about amazing historic and modern photographers.

**ANALOG PHOTOGRAPHY 12**

**PREREQUISITE: Analog Photography 11**

***This course satisfies the "AST" graduation requirement***

A photograph is a secret about a secret. The more it tells you, the less you know”-. Diane Arbus

This will be an advanced course in traditional black and white photography. Students will expand on their understanding of how light is controlled and handled by cameras and film. They will not only develop proficiency in shooting, developing, and printing images, but will expand on their repertoire of advanced techniques with the camera and the darkroom. Students will also explore the careers and imagery of professional photographers.

**ART STUDIO 10**

***This course satisfies the "AST" graduation requirement***

“Every artist was first an amateur.” - Ralph Waldo Emerson

Art Studio 10 is created for students who want to expand their art making skills and creativity. Students will create work with a variety of media including drawing, painting, sculpture, pottery, and printmaking while exploring the foundations of art. This course will provide students with opportunities to communicate ideas and perspectives through personal artwork. We welcome every student at every level.

**ART STUDIO 11**

***This course satisfies the "AST" graduation requirement***

“To be an artist is to believe in life” - Henry Moore

Art Studio 11 is geared towards students who want to further develop their art making skills and creativity. Students will create work with a variety of media including drawing, painting, sculpture, pottery, and printmaking while exploring the foundations of art through the application of advanced techniques. This course will provide students with opportunities to communicate complex ideas and perspectives through personal artwork.

## **ART STUDIO 12**

### ***This course satisfies the "AST" graduation requirement***

"You can't use up creativity; the more you use, the more you have" - Maya Angelou

Art Studio 12 is the ultimate exploration of art making and creativity. Students will create advanced work with a variety of media including drawing, painting, sculpture, pottery, and printmaking while exploring and challenging the foundations of art through the application of advanced techniques. This course will provide students with opportunities to develop personal expression of ideas and perspectives.

## **COMIC ARTS 10-12**

### ***This course satisfies the "AST" graduation requirement***

"I do believe in the power of story. I believe that stories have an important role to play in the formation of human beings, that they can stimulate, amaze and inspire their listeners."— Hayao Miyazaki

Embark on an exhilarating journey into the heart of visual storytelling with Comic Arts 10-12, a dynamic course blending traditional drawing with digital illustration. This course is a deep dive into advanced concepts of character design, sequential storytelling, and graphic novel illustration. Students will be equipped with skills essential for future careers in character design, visual development, animation, and narrative illustration. No prior experience is required as we will build a foundation together. This course serves as a launchpad for aspiring creative professionals, providing a comprehensive foundation for those passionate about shaping narratives through captivating visuals and bringing imagination to life. This class can be taken multiple times with advanced projects for the students repeating the course.

## **GRAPHIC ARTS - Printmaking 10/11/12**

*This course satisfies the "AST" graduation requirement*

Have you ever wanted to wear your own art? Whether you are an experienced artist or just getting started, this course is a great place to explore your own unique style and how you can share it with the world. Using a variety of methods, students will discover how to express themselves through traditional printmaking and an introduction to digital design. You will design artwork to print onto paper, patches, t-shirts, or even bags. Carve, stamp, and press your own unique designs, and discover how traditional and digital printmaking methods allow for the ultimate creative expression! This course can be taken multiple times and is open to grades 10-12; grade 10s will select Graphic Arts 11 when selecting courses. Each time students take this course, they can choose a greater variety of projects and will be expected to work more independently with guidance from the teacher. Make your mark on the world with Graphic Arts: Printmaking!

## **INDIGENOUS VISUAL ARTS 10/11/12**

***This course qualifies as a Ministry of Education Indigenous Graduation Credit***

### ***This course satisfies the "Elective" graduation requirement***

"Great art must be a living thing, or it is not art at all." – Bill Reid

Students will explore and create rich and diverse art of our Indigenous people while learning all the great art skills of a traditional art class. We will not only look at the historic works and styles of art but will study and experience what our modern Indigenous artists are creating today. This hands-on course is open to all grade 10, 11, and 12 students. Okanagan pictographs, West Coast design, medicine wheels, creation stories, graphic storytelling are part of the course. Students who take both levels of this course will be expected to advance upon their skills and curricular competencies. This course is part of the Academy of Indigenous Studies.

## **MEDIA ARTS 10**

### ***This course satisfies the "AST" graduation requirement***

"No matter what, expect the unexpected. And whenever possible BE the unexpected."

— Lynda Barry

The limits of media arts are near endless. In this computer based art class students will have the opportunity to create meaningful works of visual art using a variety of digital tools and techniques. We will investigate techniques related to digital illustration, graphic design, digital collage, and animation. Students will become proficient digital artists using the Adobe suite of programs: such as Photoshop, Indesign, Illustrator, and Animate. No prior experience is required! Students will learn everything they need to know to develop a high level of performance and creativity with industry standard programs and equipment. Students will discover how they can impact their world with their digital arts.

## **MEDIA ARTS AND DIGITAL PHOTOGRAPHY 11**

### ***This course satisfies the "AST" graduation requirement***

"Visions are worth fighting for. Why spend your life making someone else's dreams?" — Tim Burton

Today, art goes beyond the canvas. In this penultimate media arts class, your digital art practices will be challenged by thinking creatively and critically through important themes related to digital media and photography. . No prior experience is required as we will all build a foundational skill in media arts and photography that we will build upon. Students will have the freedom to create works related to their field of interest in digital media arts: digital illustration, photography, design, animation, video art, and everything in between. Along the way, students will learn to analyze other artists' processes and styles with the goal of self-expression and developing their own creative voices. All culminating in students developing a life long creative digital art practice.

## **MEDIA ARTS AND DIGITAL PHOTOGRAPHY 12**

### ***This course satisfies the "AST" graduation requirement***

"Visions are worth fighting for. Why spend your life making someone else's dreams?" — Tim Burton

This media arts class is the pinnacle of digital art making. Your creative digital art practices will be pushed by engaging with the art making process creatively and critically. Together, we will investigate a myriad of important themes related to media arts through open choice based projects. Students will be able to explore digital mediums like: digital illustration, photography, design, animation, video art, and everything in between. Students will master professional level equipment and programs, such as Nikon digital SLR cameras and Adobe Photoshop CC, to explore and challenge the foundations of art and design through the application of advanced techniques. All culminating in students developing a life long creative digital art practice.

## **STUDIO ARTS 2D – Drawing & Painting 10**

### ***This course satisfies the "AST" graduation requirement***

"The only time I feel alive, is when I am painting." - Vincent Van Gogh

Drawing and Painting 10 is created for students who would like to explore and expand their art making through drawing and painting. Students will create works of art with a wide variety of drawing materials and painting mediums. This course will provide students with opportunities to communicate ideas and perspectives through personal artwork. We welcome every student at every level.

**STUDIO ARTS 2D – Drawing & Painting 11**

***This course satisfies the "AST" graduation requirement***

"I found I could say things with color and shapes that I couldn't say any other way - things I had no words for." -- Georgia O'Keeffe.  
Drawing and Painting 11 is geared towards students who want to further develop their art making skills and creativity through 2D art forms. Students will create works of art with a wide variety of drawing materials and painting mediums while exploring the foundations of art through the application of advanced techniques. This course will provide students with opportunities to communicate complex ideas and perspectives through personal artwork.

**STUDIO ARTS 2D - Drawing & Painting 12**

***This course satisfies the "AST" graduation requirement***

"Draw everywhere and all the time. An artist is a sketchbook with a person attached." Irwin Greenberg.  
Drawing and Painting 12 is the ultimate exploration of art making and creativity. Students will create advanced 2D work, with a variety of drawing and painting mediums, while exploring and challenging the foundations of art through the application of advanced techniques. This course will provide students with opportunities to develop their personal expressions of ideas and perspectives.

**STUDIO ARTS 3D – Pottery & Sculpture 11/12**

***This course satisfies the "AST" graduation requirement***

"Sculpture is the art of the intelligence". Pablo Picasso  
This course is designed for students who want to explore art in 3D. Students will work in a variety of materials clay, paper, wood, plaster, cardboard, and found materials. There will be an emphasis on clay, various hand building techniques, and a multitude of decorating techniques. This course can be taken multiple times, each new time students can choose a greater variety of projects and will be expected to achieve at a more advanced level. This course is available for grades 10-12.

**YEARBOOK 10/11/12 (Outside the Timetable)**

***This course satisfies the "Elective" graduation requirement***

*\*Note: This course is scheduled outside the regular timetable*  
"Design creates culture. Culture shapes values. Values determine the future." - Robert L. Peters  
Students who are interested in photography, journalism, or design should take Yearbook! This course provides students with the opportunity to explore and expand their photography, communication, and design skills while documenting school events throughout the year. This is a fast-paced course that requires commitment, availability outside of school hours, independence, professionalism, flexibility, and creativity. Collaboratively, we will produce, design, and distribute this year's yearbook! Students who take all levels of this course will be expected to advance upon their skills and curricular competencies.