

RUTLAND SENIOR SECONDARY SCHOOL

COURSE DESCRIPTION BOOKLET 2024-2025 GRADE: 10 ♦ 11 ♦ 12

MISSION STATEMENT

At Rutland Senior Secondary School, we are a caring community challenging students to pursue excellence in lifelong endeavours.



Principal: Mr. Hugh Alexander

Vice Principals: Mr. Jarret Atkins, Mr. Adam Miller, Ms. Michelle Johnston

Counsellors: Ms. Deb Holmes, Ms. Dana Patterson, Ms. Lindsay Reynolds

705 Rutland Road North, Kelowna BC V1X 3B6

Phone: 250.870.5110

www.rss.sd23.bc.ca

GRADUATION PROGRAM

The BC Ministry of Education Graduation Program has an emphasis on “the kinds of skills that build better students and better citizens” (<http://curriculum.gov.bc.ca/graduation>) by developing students’

Thinking, Communicating, and Personal and Social Identity Competencies, while continuing to focus on the essential literacy and numeracy skills.



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GRADUATION PROGRAM

*****Grade 10 + Grade 11 + Grade 12 = 80 Credits Minimum *****

Please note that a four-credit Indigenous Focused course must be completed by graduation (New Grad Requirement)

GRADE 10 in 2024-2025	GRADE 11 in 2024-2025	GRADE 12 in 2024-2025
☐ English 10 ☐ Social Studies 10 ☐ A Math 10 ☐ Science 10 ☐ A PE 10 ☐ Career Life Education 10 ☐ An Applied Skill or Fine Arts 10 or 11 ☐ Elective	☐ English 11 ☐ A Social Studies 11 or 12 ☐ A Math 11 ☐ Career Life Connections 12A (2 Credit) ☐ Explorations (2 Credit) ☐ A Science 11 ☐ Plus additional electives (<u>Note</u> : 5 courses must be at Gr. 12 level by graduation)	☐ English 12 ☐ Career Life Connections 12B + Capstone Presentation ☐ Indigenous-Focused 4-credit course ☐ Plus additional electives (<u>Note</u> : 5 courses must be at the grade 12 level)
☒ Grade 10 <i>Numeracy Assessment*</i> ☒ Grade 10 <i>Literacy Assessment*</i> <i>* Must be completed by graduation.</i>	☒ Grade 10 <i>Numeracy Assessment*</i> ☒ Grade 10 <i>Literacy Assessment*</i> <i>* Must be completed by graduation.</i>	☒ Grade 10 <i>Numeracy Assessment*</i> ☒ Grade 10 <i>Literacy Assessment*</i> ☒ Grade 12 <i>Literacy Assessment*</i> <i>* Must be completed by graduation.</i>

INTRODUCTION: Rutland Senior Secondary

The purpose of this guide is to provide students and parents with information about courses and programs available at Rutland Senior Secondary School. Every effort will be made through this handbook to provide the required information for course selection. It must be emphasized that the final responsibility for course selection remains with each student and his/her parents. Please read this guide carefully. For further information, please contact a school counsellor at Rutland Senior Secondary (250-870-5110).

PRINCIPAL:	Mr. Hugh Alexander
VICE PRINCIPALS:	Mr. Jarret Atkins Last Names A-F Mr. Adam Miller Last Names G-N Ms. Michelle Johnston..... Last Names O-Z
CLERICAL (Central Office):	Ms. Gisele Jepson..... Head Secretary Ms. Tanja Birgisdottir Reception/Attendance Ms. Gayle Elliott..... Reception/Attendance Ms. Teresa Banka Accounting and Student Fees Ms. Danica Embree MyEd/Student Records Ms. Alysha Blake MyEd/Student Records
COUNSELLORS:	Ms. Dana Patterson Last Names A-F Ms. Deb Holmes Last Names G-N Ms. Lindsay Reynolds Last Names O-Z
INDIGENOUS ADVOCATES:	Ms. Femi Vrtar Last Names A-F Ms. Candice McKendry Last Names G-N Ms. Kim Gunner..... Last Names O-Z
CAREER PROGRAMS DUAL CREDIT	Ms. Lindsay Robb and Ms. Jennifer Skogstad Mr. Chris Werry
CLERICAL (Career Centre):	Ms. Heather Robinson and Ms. Karen Davis
LEARNING ASSISTANCE	Ms. Tracy Schuler, Ms. Angela Lenardon, Ms. Emily Noonan
ENGLISH LANGUAGE LEARNERS:	Ms. Julie Loveridge-Marks, Ms. Elizabeth Baerg, Ms. Stephanie Taylor
INDIGENOUS EDUCATION TEACHERS:	Ms. Niki Siddall, Mr. Trevor Heard
RESOURCE TEACHERS:	Ms. Susan Schmalz, Ms. Miranda Akurienne, Ms. Alexa Weremy, Ms. Marley Henault, Mr. Binod Subedi

SCHOOL ORGANIZATION

SCHOOL YEAR

The school year at RSS is organized on a semester system. Semester 1 runs from September to January and Semester 2 runs from February to June. There are a small number of linear (full year) classes offered.

SCHOOL DAY

Students will be registered in four (4) courses each semester (20 weeks). Two classes will be scheduled each day. The morning class runs from 9:00 to 11:45 and the afternoon class runs from 12:30 to 3:16.

PARENTS

Parents are encouraged to contact teachers, counsellors, or administrators if they have concerns about their child's progress at school. We will make every effort to keep you informed. Our website is updated regularly to keep students and parents informed of happenings at and around the school. Parents are encouraged to attend the parent-student-teacher conferences scheduled throughout the year. Please refer to our school calendar, which is available live on our website. If you do not have access to internet, please contact the school for a paper calendar containing the same information. For more information, feel free to visit the school or phone us at 250-870-5110.

REPORTING AND GRADING

Reports will be issued at the midpoint and the end of each semester. Attendance will be reported at the same time. Interim Reports will be issued between regular report cards. For specific dates, again please consult our school calendar. Marks are based on classroom work, assignments, tests and exams. Each classroom teacher will outline grading procedures. Parents are encouraged to schedule conferences with teachers, counsellors or administrators at their convenience.

ATTENDANCE

At Rutland Senior Secondary School we believe the essence of our educational programs occur in classrooms with skilled teachers. Explanations, clarifications, discussions, opportunities for feedback, and group tasks are invaluable components of an effective learning environment. Students who miss school are generally at greater risk of reduced academic performance. Our goal is to:

1. increase student success by promoting regular attendance, and
2. help students develop responsibility in preparation for attendance expectations in their future careers.

Parents/Guardians can utilize the School Messenger app to report their child's absence. If a student is going to be absent for a period of 5 days or more, a parent/guardian may contact the school by telephone and make arrangements with your student's teachers to pick up homework. Students missing more than 10 days of school will be referred for hospital/homebound services which require a doctor's signature.

PROJECT FEES, SCHOOL FEES AND FIELD TRIP CHARGES

Courses at RSS are offered free of charge to our students. When students choose optional projects, programs, or fieldtrips, they will be charged for additional costs. If you require information on charges or fees, please contact the school principal.

COUNSELLING SERVICES

Counselling can be set up either by appointment or on a "drop in" basis. Online appointment forms can be found here:

<http://www.rss.sd23.bc.ca/rss.students/counselling/Pages/default.aspx#/=>

Counselors have four main objectives:

- To assist students deal with specific needs and/or concerns which may be affecting academic performance and/or school relationships
- To encourage communication between the counselling staff and parents, teachers and community agencies
- To provide students and parents with information regarding vocational trades, training programs, post-secondary education and bursaries/scholarships related to both
- In conjunction with Career Programs Staff continue to assist students with career awareness, career exploration and career preparation

SCHOOL ORGANIZATION

STUDENT SUPPORT SERVICES

Main Office (Front Desk)

A staff member is on hand throughout the day to assist students and direct them to the appropriate staff member and/or service.

School Based Team

Referral by staff

Most of the support programs available to students are accessed through the School Based Team. Members of this team include representatives from each of the available programs, counsellors, and a representative from administration. Each situation dictates which members of the school based team are required to collaborate to make a decision. Generally the more complex the issue the larger the number of team members involved in the decision-making and planning process. Because of the graduation implications of placing a student on an Individualized Education Plan, accurate assessments, careful case review, expanded collaboration, and parent involvement are important components of this decision.

Behaviour Support

Referral Required

District Designation Required

Teachers specially trained to support students with moderate to intensive behavioural needs are available to staff and students. Their primary role is to make sure designated students have a specific plan in place to address their behavioural needs. Determining which students qualify for this support is based upon intensity, frequency, and/or duration of problematic behaviours.

Learning Assistance/Learning Centre

Referral Required

The learning assistance program is designed to support students who need additional support. Learning Assistance Teachers are available to:

- Assist in the development of Individualized Education Plans (IEPs) for students with Learning Disability and Gifted designations
- Provide academic support for identified students
- Provide in class support
- Assess students' strengths and weaknesses
- Invigilate curriculum-based assessments
- Adjudication of provincial assessments for students requiring accommodations
- Consult on strategies and adaptations for student success
- Consult with students, parents, teachers, administration, and School-Based team (SBT)

Indigenous Support Services

Appropriate Criteria Met

This program is available to students who identify as having Indigenous ancestry (First Nations, Inuit, Metis). It is designed to provide holistic support based on the four directions of the medicine wheel to address the cultural needs unique to this group of students:

- Students can access social-emotional (East), spiritual (South), and physical (West) support through connections to Indigenous Education advocates and the Elder in residence in the Gathering Room
- Academic (North) support is provided in our Indigenous Education Learning Centre by teacher-tutors for both core and elective courses

Support is offered on a drop-in as-needed basis or as a support block; a support block is not a course offering but may be assigned through a referral process. Students must complete an ancestry verification form to access these services.

Connections Support Room

Referral Required

Connections is a support structure designed to assist students who demonstrate internalizing behaviours that impede their ability to function at school. The Connections support room is a calming safe space staffed with a full-time support teacher, part time Counsellor, and a part time ARC support worker. While students are expected to attend their daily classes, Connections provides a variety of supports including coaching/counselling, and direct instruction for students to develop resiliency and problem-solving skills to effectively manage their anxiety and gain independence. Students are referred by the Counselling and Administration team and discussed at the School Based Team Meetings for appropriate level of support.

English Language Learning

Appropriate Criteria Met

English language support is available to students for whom English is not the first language. Support will be available to assist students and staff in making adaptations to their program, in class or by pull-out, or to assist students in achieving graduation requirements. ELL classes available include L1 (Foundations), L2 (Introduction to Academic Language, L3 (English Language Development-Intermediate) and L4 (English Language Development-Advanced). Support blocks and classroom support are also available.

SCHOOL ORGANIZATION

Pre-Employment Program

Referral Required

This program was established for students who have academic struggles combined with an interest in developing job-related skills and experience. All students entering this program must be at least 15 years old and go through a specific screening process to determine suitability for the program. Generally, once students enter this program, they will remain in it for a minimum of grades 10 and 11. All students in the program will cover a curriculum which involves course work in math, science, socials, and English; geared to their appropriate performance level. This course work is coupled with job placements within the community. Since students rotate between work and school, they do all their school work in an alternate classroom setting. Students completing the program obtain an Evergreen Completion Certificate, or, in unique circumstances, qualify for an Adult Graduation certificate.

Objectives for Pre-Employment/Work Experience

- To equip students with useful skills and knowledge for early entry into the community of work or college certification programs.
- To provide the opportunity for occupational exploration by utilizing community resources
- To help students identify the interests and aptitudes related to various occupations
- To enable students to see the practical application of academic subjects taught in school
- To develop communication and cooperation between the school and the community
- To provide work experience in a wide range of job situations so that students will have a better idea of what they can do and what they would like to do

Special Education Support

Referral Required

District Designation Required

At Rutland Senior Secondary School we are fortunate to have one of the best resource programs in the district. Three specially trained teachers along with the largest number of Certified Educational Assistants in the district, provide support for our students with special education designations. Students qualifying for this have designations such as physically dependent, an intellectual disability, a physical disability, chronic health impairment or autism

spectrum disorder. Resource components of the student program include:

- Cutter's Edge which provides a work environment for our students.
- assisting in the operation of our school store
- helping in the preparation of nutritious meals for the school lunch program
- life skills and community outings

District Support Services

Referral Required

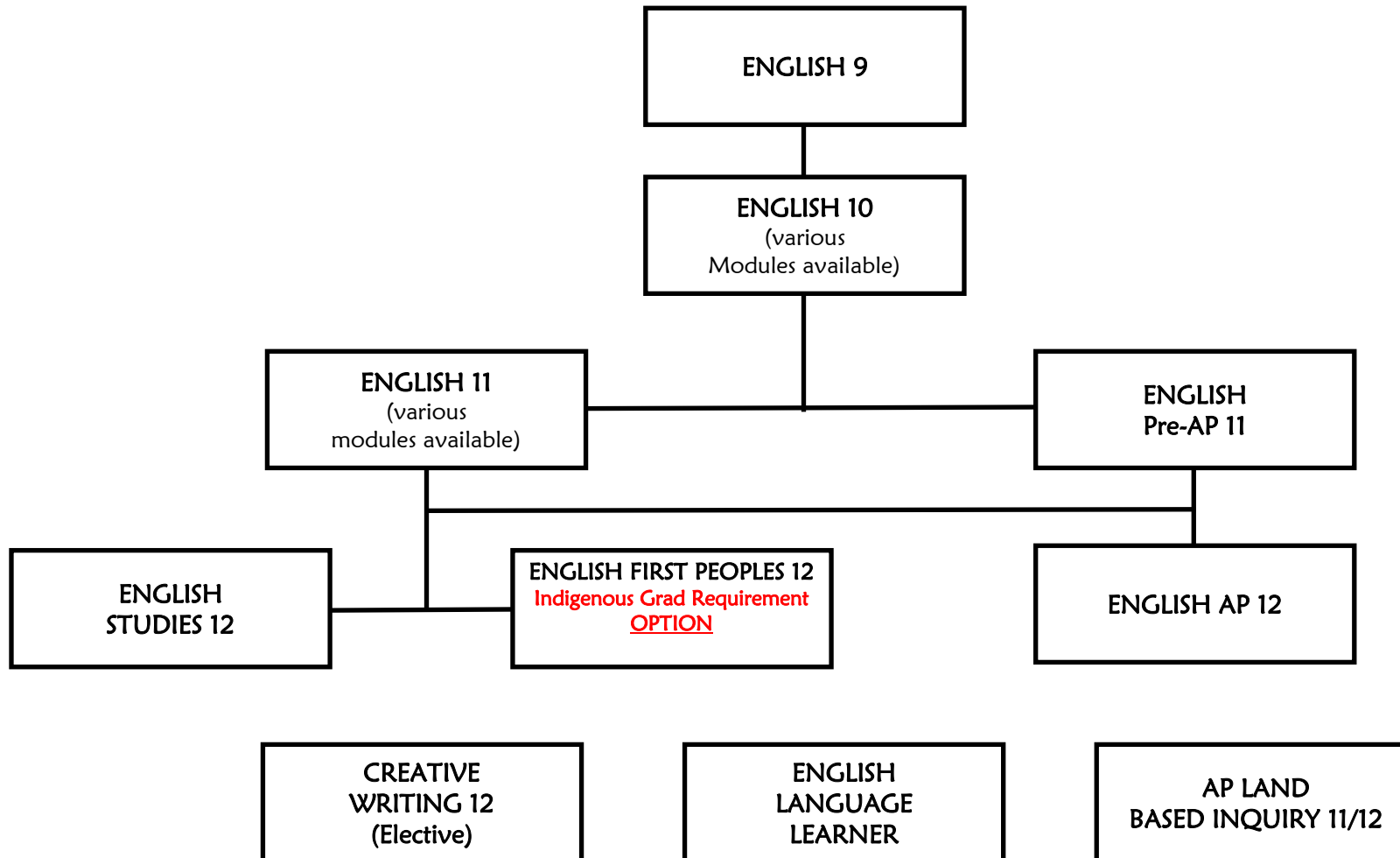
School District No. 23 provides a wide range of specialized support services for district schools. At Rutland we have access to the following services:

- School Psychologist
- Reading Specialist
- Behaviour Specialist
- Teacher for the Hard of Hearing
- Teacher for the Visually Impaired
- Physical and Occupational Therapist
- Speech-Language Pathologists

Accessed through the School Based Team, these specialists are available to students when there is a need for specific assessments, assistance with identification, and collaborative services.

Our objective at Rutland Senior Secondary is to do everything we can to keep students in school and to do whatever we can to provide the necessary supports so that this may occur. **If you would like additional information on our Support Services, please consult with one of our administrators, learning assistance teachers, or school counsellors.**

ENGLISH



ENGLISH 10 COURSE OPTIONS

Overview: All English 10 course options will focus on developing students' formal and analytical communication skills both in written and oral forms. Depending on the pathway, texts will vary from non-fiction and fiction pieces, to film and digital works. The course offerings are broken down into the following pathways: creative writing, English First Peoples, literary studies, and new media. Within the pathways are specific content focuses for you to choose from. All English 10 offerings are paired with the composition pathway, which is designed to increase students understanding and application of the major writing formats. Students are required to complete one 4 credit English 10 course and may choose to take an additional course as an elective.

CREATIVE WRITING: *Creative Writing 10 is designed for students who have an interest in creative expression through language. Within a supportive community of writers, students will collaborate and develop their skills through writing and design processes.*

CREATIVE WRITING 10: INTRODUCTION

MCTWR10-2T **Credits: 4**

Creative Writing 10 is designed for students who have an interest in creative expression through language. Within a supportive community of writers, students will collaborate and develop their skills through writing and design processes. This course explores writing for a variety of purposes including analytical, academic, original fiction and non-fiction writing. Students will analyze mentor texts and use the writing process, including peer feedback, to improve writing strategies.

ENGLISH FIRST PEOPLES (EFP): *EFP is designed for students who are interested in exploring First Peoples literature in a variety of contexts, genres, and media. This area of choice provides students with opportunities to explore personal and cultural identities, histories, stories, and connections to land/place.*

EFP 10: LITERARY STUDIES AND NEW MEDIA: *COMPLETION OF THIS COURSE WILL SATISFY THE INDIGENOUS-FOCUSED GRADUATION REQUIREMENT*

MEFLS10-2T-NM **Credits: 4**

Students will delve deeply into First Peoples' oral and written literature in a range of media to explore various themes, authors and topics.

LITERARY STUDIES: *Literary Studies 10 is designed for students who are interested in the literature of a particular era, geographical area, or theme, or in the study of literature in general. The course allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media.*

LITERARY STUDIES 10: GENERAL STUDIES

MLTST10-2T-G **Credits: 4**

This course will be presented as a generalized English 10 course with a variety of perspectives, topics, and texts.

LITERARY STUDIES 10: SCIENCE FICTION

MLTST10-2T-SF **Credits: 4**

This course will focus on reading and analyzing the science fiction genre. Students will focus on analyzing and interpreting novels, short stories, and films to come to a deeper understanding of the themes and messages in the science fiction genre. If you enjoy Star Wars, Star Trek, Phillip K. Dick, etc., then this is the class for you. Evaluation will be based on writing, analyses, interpretations, and creative representations of learning.

LITERARY STUDIES 10: THEATRE

MLTST10-2T-TH **Credits: 4**

This course is a survey of drama, from Greek plays, to Shakespeare, to 20th Century theatre. There will be a focus of societal commentary through dramatic works.

NEW MEDIA: *New Media 10 is designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas.*

NEW MEDIA 10: CRIME

MNMD-10-2T-CM **Credits: 4**

This course explores how and why the recent true crime narrative has exploded in popularity. It will also look at different facets of crime including justice, detective fiction, as well as mystery and suspense. **Content warning:** *Students should be aware that some of the texts and media we will be discussing might contain graphic or frightening content. Please use your own discretion about whether this will be an appropriate course for you.*

ENGLISH 11 COURSE OPTIONS

OVERVIEW: All English 11 course options will focus on developing student's formal and analytical communication skills both in written and oral forms. Depending on the pathway, texts will vary from non-fiction and fiction pieces, to film and digital works. The course offerings are broken down into the following pathways: composition, creative writing, English First Peoples, literary studies, and new media. Within the pathways are specific content focuses for you to choose from. All course offerings require the same amount of academic rigour, and successful completion of one course is a prerequisite for English Studies 12. Students may take an additional course as an elective after completing one as a requirement.

COMPOSITION: *Composition 11 is designed to support students as they refine, clarify, and adjust their written communication through practice and revision.*

COMPOSITION 11 - BASICS

MCMP511-4S-B C Credits: 4

This course focuses on the essential language skills students need to function in daily life and the workplace. This course is intended to help students develop the language competency fundamental to many opportunities in life, including continued learning, employment, and social interaction. Students will study a broad range of informational and literary works and practice using language in written, oral and visual forms for a variety of functions.

CREATIVE WRITING: *Creative Writing 11 is designed for students who have an interest in creative expression through language. Within a supportive community of writers, students will collaborate and develop their skills through writing and design processes.*

CREATIVE WRITING 11: INTRODUCTION

MCTWR11-4S-I Credits: 4

This course explores writing for a variety of purposes including analytical, academic, original fiction and non-fiction writing. Students will analyze mentor texts and use the writing process, including peer feedback, to improve writing strategies.

ENGLISH FIRST PEOPLES (EFP): *EFP 11 is designed for students who are interested in exploring First Peoples literature in a variety of contexts, genres, and media. This area of choice provides students with opportunities to explore personal and cultural identities, histories, stories, and connections to land/place.*

EFP: LITERARY STUDIES 11 *COMPLETION OF THIS COURSE WILL SATISFY THE INDIGENOUS-FOCUSED GRADUATION REQUIREMENT*

MELNM11-4S Credits: 4

Students will delve deeply into First Peoples' oral and written literature in a range of media to explore various themes, authors and topics.

LITERARY STUDIES: *Literary Studies 11 allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media.*

LITERARY STUDIES 11: CRIME AND PUNISHMENT

MLTST11-4S-CP Credits: 4

In this course, students will explore the theme of crime and punishment in order to question criminals and acts worthy of punishment, the essential nature of mankind, personal and social morality, etc. **Content warning:** *Students should be aware that some of the texts and media we will be discussing might contain graphic or frightening content. Please use your own discretion about whether this will be an appropriate course for you.*

LITERARY STUDIES 11: GENERAL STUDIES

MLTST11-4S-G Credits: 4

This course will be presented as a generalized English 11 course with a variety of perspectives, topics, and texts.

LITERARY STUDIES 11: THEATRE

MLTST11-4S-T Credits: 4

This course is a survey of drama, from Greek plays, to Shakespeare, to 20th Century theatre. There will be a focus of societal commentary through dramatic works.

ENGLISH 11 COURSE OPTIONS

LITERARY STUDIES 11: SCIENCE FICTION

MLTST11-4S-SC

Credits: 4

This course will focus on reading and analyzing the science fiction genre. Students will focus on analyzing and interpreting novels, short stories, and films to come to a deeper understanding of the themes and messages in the science fiction genre. If you enjoy Star Wars, Star Trek, Phillip K. Dick, etc., then this is the class for you. Classroom evaluation will be based on writing, analyses, interpretations, and creative representations of learning. This course will give you the foundations and skills to prepare you for English 12.

LITERARY STUDIES 11: PRE-ADVANCED PLACEMENT

MLTST11-4S-PA

Credits: 4

This course is intended for students who wish to pursue AP English studies in their grade 12 year, and is designed to begin preparing students for academic college/university studies. We will look at a variety of texts, from the 16th century to modern day, developing an appreciation for the role that literature plays in understanding ourselves and others as humans, as well as developing an arsenal of reading, writing, and analysis strategies.

ENGLISH 12 COURSE OPTIONS

MANDATORY OFFERINGS All students must select **one** of the following options:

ENGLISH STUDIES 12

MENST12-4S

Credits: 4

Students will build upon skills and abilities developed in previous English classes. English Studies 12 will include a greater emphasis upon analytical and formal communication which is necessary for success for post-secondary or the workplace. English 12 is a required course for almost all areas of post-secondary study.

ENGLISH 12 FIRST PEOPLES **COMPLETION OF THIS COURSE WILL SATISFY THE INDIGENOUS-FOCUSED GRADUATION REQUIREMENT**

MENFPI2-4S

Credits: 4

This is an academic alternative to the English 12 course. It is based on the study of literature that represents authentic First Peoples' voices. Such texts include oral, visual, and film texts as well as written works. This course is designed to appeal to students who are interested in gaining a background in First Peoples' worldviews as well as an understanding of the interaction between First Peoples and European cultures. It takes a thematic approach to First Peoples literature and addresses a variety of topics important to First Peoples. As an English 12 equivalent, English 12 First Peoples also focuses on practice and improvement of students' written and oral communication skills.

ENGLISH 12: ADVANCED PLACEMENT

AELC-12H4S

Credits: 8

Prerequisite: EN 11 (A or high B standing); or EN11 Pre-AP; or teacher recommendation. This course is designed as a first year college course and is intended for students who are interested in delving deeper into literary studies or wish to prepare for the rigour, critical thinking, and writing skills of college and university. In this course, we will continue to be looking at a variety of texts, covering the period of the 16th century to modern day, gaining an appreciation for the role that literature plays in our lives. We will continue to develop reading and analysis strategies in order to think and write critically about text. Students who are successful in writing the AP exams may receive college credit. In addition to the AP exams, students will prepare for and write their English 12 literacy exam. **This course requires high work ethic and commitment outside of the time table.**

ENGLISH 12 COURSE OPTIONS

OPTIONAL OFFERINGS

ADVANCED CREATIVE WRITING 12

MCTWR12-4S Credits: 4

Do you love to write? This course is designed for students who wish to delve deeper into the creative writing craft and grow as writers by developing a body of work. Opportunities to write and publish in real-world contexts will be encouraged. Students will be able to specialize, if desired, in fiction and poetry, or creative non-fiction (such as blogs, reviews, articles, and journalism). The class will be structured on a workshop model where students will collaborate and support each other in the writing process.

There will also be opportunities to investigate careers related to writing and story-telling.

***NOTE: This course does not replace English 11 or 12 as a graduation requirement**

AP LAND BASED INQUIRY

APCR-12-4L Credits: 4

“AP Passion to Action” is not just a course; it’s a call to transform your passions into meaningful contributions for our local community. Learn more about yourself and what you care about as you explore your interests, curiosities, and potential future pathways. Personalize your learning journey by embracing opportunities such as connecting with students from other schools, hiking trips, and field studies that align with your personal growth. Connect with community experts and local Knowledge Keepers to take action and create positive change. Are you ready to turn your passions into actions? Let the journey unfold!

ENGLISH LANGUAGE LEARNER

BASIC ENGLISH LANGUAGE DEVELOPMENT: LEVEL 1

YESFLOA-4S Credits: 4

The course is designed for the student who has no or very limited English, may understand simple oral exchanges or produce simply worded sentences and is unable to be successfully integrated into English 10 or Socials 10.

The course will introduce ELL students to the four main English language skills of reading, writing, listening, and speaking. It also encourages the viewing and representation of materials. The 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.

ENGLISH LANGUAGE LEARNER

INTRODUCTION TO ACADEMIC LANGUAGE: LEVEL 2

YESFLOB-4S

Credits: 4

This course is designed for the student who has a Beginning to Lower Intermediate level of English (Level 2).

Students will develop the academic language and extend the English language skills needed to be more successful in the content areas of English and Socials. The 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. Included in this course are the elements that make up Canadian culture (cultural identity and First Peoples' culture).

ENGLISH LANGUAGE DEVELOPMENT INTERMEDIATE: LEVEL 3

YESFL1A-4S

Credits: 4

The course is designed for the student who has an Intermediate level of English (Level 3). The student has basic English skills, but needs further practice in order to successfully integrate into academic classes and would benefit from additional Canadian cultural learning opportunities. The course will introduce ELL students to the four main English language skills of reading, writing, listening, and speaking. It also encourages the viewing and representation of materials. The 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, and identify and compare their own customs to Canadian culture and customs.

ENGLISH LANGUAGE DEVELOPMENT ADVANCED: LEVEL 4

YESFL2A-4S

Credits: 4

This course is designed for the student who has an upper Intermediate to Advanced level of English (Level 4). The ELL 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, as well as academic and social interactions. In addition, students will maintain investigation and demonstration of understanding of Canadian culture (cultural identity and First Peoples' culture) and customs through written, verbal, visual and aural expression; students will demonstrate language proficiency in oral, visual and written forms.

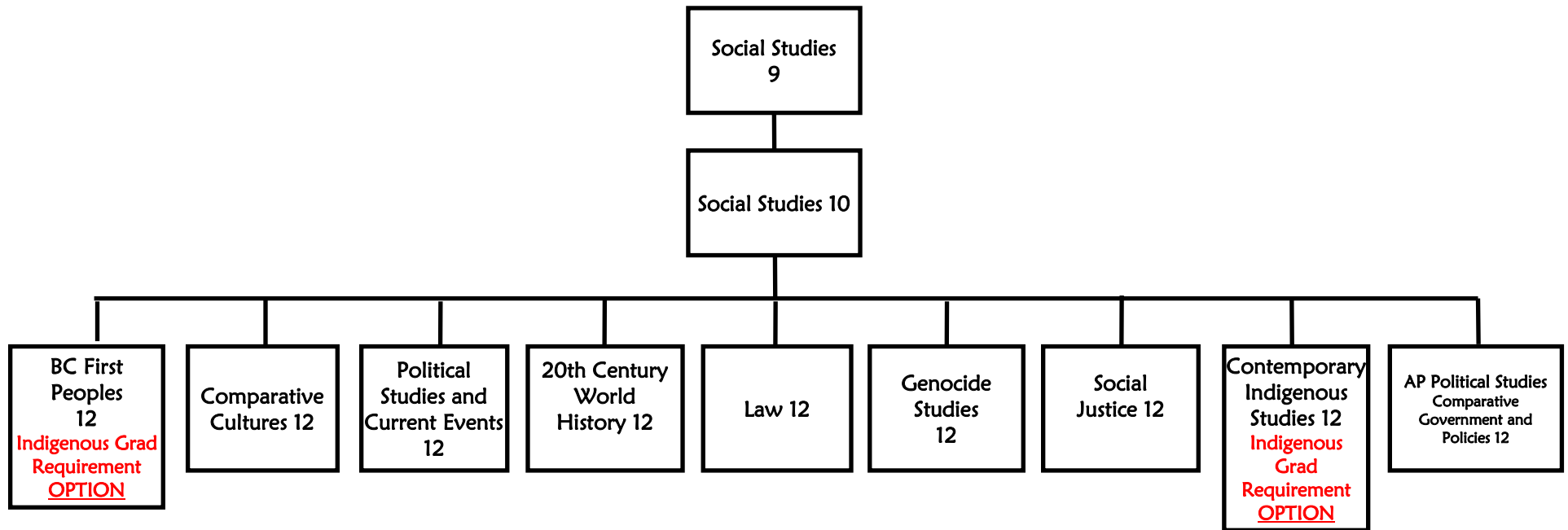
ENGLISH LANGUAGE DEVELOPMENT SUPPORT (LEVEL 1-4)

XSPBKOB—S

Credits: 0

English Language Learners may have a scheduled support block in addition to an ELL class when appropriate.

SOCIAL STUDIES



SOCIAL STUDIES COURSE OPTIONS

SOCIAL STUDIES 10

MSS—10-4S

Credits: 4

Prerequisite: SS 9

Socials 10 covers key areas of Canada and the world, from 1919 to the present, including: Political institutions, including First Peoples governance. Changing conceptions of identity in Canada. Discriminatory policies and injustices in Canada and the world, such as the Head Tax, the Komagata Maru incident, residential schools, and internments camps. International conflicts and cooperation, including Canada's role and participation in World War Two. Truth and Reconciliation in Canada. We will develop our Curricular Competencies of Significance, Evidence, Perspective, Continuity & Change, Cause & Consequence, and Ethical Judgement through inquiry. These skills will be the foundation for future courses in Social Studies and beyond.

SOCIAL JUSTICE 12

MSJ--12-4s

Credits: 4

Prerequisite: SS 10

In this course students will explore injustices in Canada and globally. We will explore how power, privilege and oppression work in systems, culture, and personal behavior. The course explores various social justice topics/issues, including understanding people's values and identities, Aboriginal and settler issues, race, gender, LGBTQ2S+, class/poverty, and activism. We will actively take on projects and engage in topics so that students can build a personal understanding of the global state of injustices and how the world is currently dealing with these issues. Social justice work is personal in nature and requires an investment from both your brain and heart. There will be times where you will be challenged or uncomfortable; this is the nature of the work. We will work to create a space where people's diverse perspectives and truths are honored and where people can have a meaningful dialogue about their differences and beliefs. This course satisfies the social studies graduation requirement and counts as a grade 12 credit.

SOCIAL STUDIES COURSE OPTIONS

COMPARATIVE CULTURES 12

MCMCL12-4S

Credits: 4

Prerequisite: SS 10

Comparative Civilizations is a course designed to give students an understanding of past civilizations. We will start with Homo Sapiens and human origins, then move to the ancient civilizations of Mesopotamia: Sumer, Akkad, Babylon, Assyria, Chaldea. Then we look at Ancient Egypt, Phoenicia, Greece, Persia, Carthage and Rome. We will examine the mythologies and religions of the various cultures, the greatest battles, and famous persons such as Leonidas of Sparta, Xerxes of Persia, Julius Caesar, Cleopatra, Hannibal, Hernan Cortes, Montezuma, Attila the Hun, Genghis Khan and many others. We will examine these civilizations and peoples through their writings, such as the Tale of Troy and the Epic of Gilgamesh, and through their art, including paintings, and theatre. This course is recommended for students who are interested in history, art, mythology, religion and warfare, as seen through different cultures and civilizations.



SOCIAL STUDIES COURSE OPTIONS / ELECTIVES

BC FIRST PEOPLES 12 *COMPLETION OF THIS COURSE WILL SATISFY THE INDIGENOUS-FOCUSED GRADUATION REQUIREMENT*

MBCFP12-4S

Credits: 4

Prerequisite: SS 10

B.C. First Peoples 12 is designed to introduce Indigenous Knowledge and Worldviews through exploration of the First Peoples Principles of Learning. More specifically, learners are invited to experience the reoccurring and related concepts of interconnectedness, language, traditional stories, and protocols. As a result, cooperative learning activities such whole-class and small group discussions are often offered. In addition, learners will unpack topics related to colonialism that include but are not limited to the Indian Act and Indigenous Rights and Title. More specifically, teachings from the Syilx Okanagan People are emphasized to invite learners to build an understanding of the multi-layered relationships people share with themselves, others, land, and all living beings.

POLITICAL STUDIES and CURRENT EVENTS 12

MPLST12-4S

Credits: 4

Prerequisite: SS 10

Political Studies 12 is an exploration of political systems around the globe and an examination of current events and issues that arise. The majority of this course will be focused on international relations and conflicts in our world, with an emphasis placed on the development of solutions to real world problems we face today. A major component of the course will be discussions and collaboration around the topics in order to formulate opinions and articulate them to others. The course will be influenced by the interests of the students and relevant topics that occur during the semester.

20th CENTURY WORLD HISTORY 12

MWH—12-4S

Credits: 4

Prerequisite: SS 10

The last century saw more rapid change than any that came before. Ideologies and technologies transformed as much as conflicts, perceived threats, and alliances. Expanding on the content you covered in Social Studies 9 and 10, this course will track major changes between 1900 and 2000, examine how and why they occurred, and assess the impacts that they are still having on the world today. There will be opportunities to explore areas of interest.

GENOCIDE STUDIES 12

MGENO12-4S

Credits: 4

Prerequisite: SS 10

Genocides have occurred throughout history with some regularity. This course will investigate their causes and consequences through the lens of the 20th & 21st centuries. We will develop our Curricular Competencies of Significance, Ethics, Perspective, Continuity, Evidence, and Inquiry. People who choose to enrol in Genocide Studies 12 are willing and able to dig deeply into a specific topic; have a passion for history, including often untold stories and underappreciated people; demonstrated strong interest in previous learnings about the Holocaust - which serves as a blueprint for genocides in other places and time periods.

LAW 12

MLST-12-4S

Credits: 4

Prerequisite: SS 10

Are you interested in the Canadian Legal System and our government? Are you interested in a career in law or law enforcement? Becoming a paralegal? A police or RCMP officer? This is the course for you.

This course explores several areas of Law and will provide students with practical knowledge of their legal rights and responsibilities. Topics include the Origins of Law, Criminal Law, Negligence Law, Rights and Freedoms, Family Law and Contracts. A field trip to the law courts along with community speakers such as lawyers and RCMP help create an awareness of possible careers in a legal field. Learning standards, covering key legal topics such as: key areas of law such as criminal law, civil law, and family law; foundations of Canadian law; structures and powers of the federal and provincial courts and administrative tribunals; legal rights and responsibilities of Canadians.

CONTEMPORARY INDIGENOUS STUDIES 12

MINST12-4S

Credits: 4

Prerequisite: SS 10 *COMPLETION OF THIS COURSE WILL SATISFY THE INDIGENOUS-FOCUSED GRADUATION REQUIREMENT AND THE SOCIAL STUDIES 12 GRADUATION REQUIREMENT*

Contemporary Indigenous Studies 12 aims to bring local and global perspectives on Indigenous peoples in the past and present. By drawing from stories, statistics, and academic sources, students are encouraged to zoom in to practice belonging within themselves. They are also asked to zoom out to recognize responsibility with how they relate to their class, school, community, and greater world. Indigenous history, language, and culture will be explored through cooperative learning activities such whole-class and small group discussions. Inquiry will be focused around land, language, relations, and identity to support student understanding of Indigenous worldviews, the impacts of colonialism, and reconciliation. Self-reflection will also be an important method to monitor understanding and then take action with one's learning.

SOCIAL STUDIES 12 OPTIONS

AP POLITICAL STUDIES 12 COMPARATIVE GOVERNMENT & POLICIES

ACGP-12-4S

Credits: 4

The AP course in Comparative Government and Politics presents the fundamental concepts used by political scientists in studying the processes and outcomes of politics in the context of six key nations. The course aims to illustrate the diversity of political life: to show available institutional alternatives; to explain differences in processes and policy outcomes; and to communicate to students the importance of global political and economic changes. The core of the course will require students to compare political concepts, analyze political patterns and processes, compare political institutions, and interpret data. At the conclusion of AP Comparative Government and Politics 12, students will have the ability to seek university or college credit by writing the AP College Board exam in May. In order to satisfy the curricular demands of the AP program, students should be prepared to either participate in tutorial sessions outside the timetable or to complete independent study units. For students who have not already had exposure to study of political systems, they should also be prepared to complete a background assignment before entrance into the course. After the examination, students will be encouraged to continue to work on supplementary resources in order to further their understanding and achieve the curricular standards to improve skills necessary for post-secondary success. Although students should be prepared for the considerable workload and academic rigors that a course of this nature will require, there are clear benefits to a course designed to bridge the high school and college experience.

This course will also satisfy your Socials Graduation Requirement at the Grade 12 level.



PSYCHOLOGY

PSYCHOLOGY 11

YPSYC1A-4S

Credits: 4

Prerequisite: None

This course is an introductory survey course in psychology. Psychology 11 will investigate some or all of the following topics:

- Communication skills
- Schools of Psychology (understanding psychology and psychological methods)
- The Brain and the Nervous System
- Perception, Learning, Thinking and Intelligence and Memory
- Motivation and Emotion
- Personality
- Psychological Disorders
- Psychotherapies
- Social interaction - attitudes and values
- Stress and coping skills

PSYCHOLOGY 12

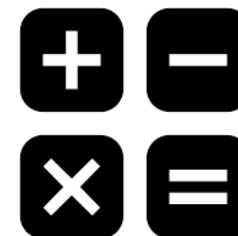
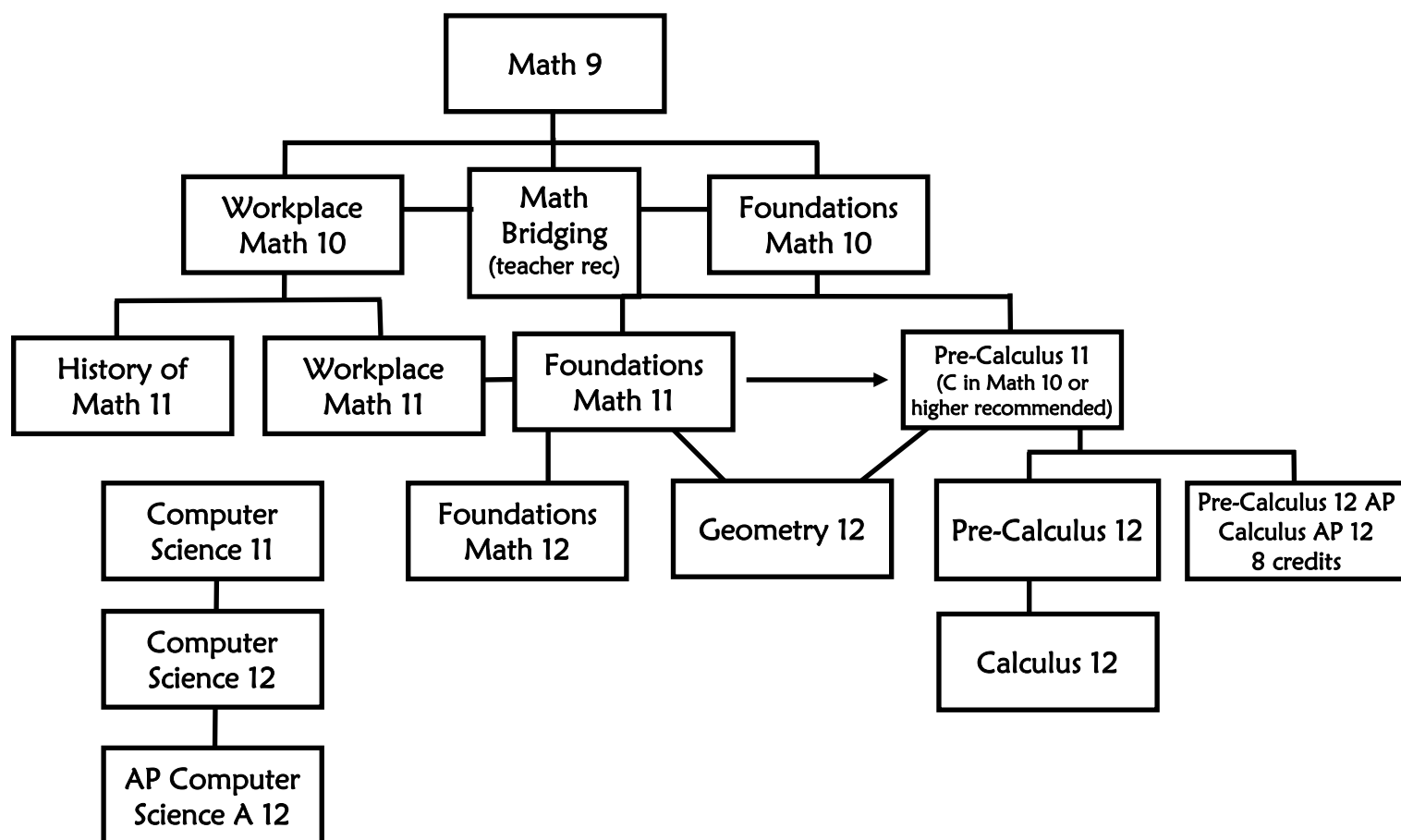
YPSYC2A-4S

Credits: 4

Prerequisite: PSY 11

This program is for students who are interested in exploring the teaching profession as a possible career. Topics will include: What makes a good teacher? Learning/Teaching Styles, Developing a Positive Atmosphere, Teaching Strategies, Interpersonal/Communication Skills, Group Dynamics and the Psychology of Child Development. Students will also experience job shadowing at primary and intermediate schools. Finally, students will be expected to plan, present and evaluate their own lesson.

MATHEMATICS



- Students should select the course recommended by their teacher in order to maximize their chances of success. Student who do not chose the recommended course usually experience a great deal of difficulty and may not be successful.
- Pre-Calculus 12 AP and Calculus AP 12 strongly recommended for students interested in Math based Sciences or Engineering
- Calculus is an approved course for entrance into UBC, SFU, UVIC & UBCO. Strongly recommended for those planning to take Science, Math, Finance or Business programs in post-secondary.
- Recommended grade of C+ or higher in Math 9 for success in Computer Science 11. While this course satisfies a grade 11 Math credit, it is not acceptable at post-secondary institutions as an entrance requirement. A Math 10 course will still be required for graduation.
- Workplace Math satisfies a Grade 11 Math credit but is not an acceptable entrance requirement for some post-secondary programs.
- **It is the responsibility of the student/parent to verify all post-secondary program entrance requirements with post-secondary institution(s) of his/her choice. There may**

MATH GRADE 10

WORKPLACE MATH 10

MWPM-10-4S

Credits: 4

Prerequisite: Math 9

Recommended for students with lower than a C average in Math 9

Topics include finance, geometry, measurement and number concepts. The seven mathematical processes (communication, connections, mental mathematics and estimation, problem solving, technology and visualization) are interwoven throughout the mathematical topics. **Please consult counselling staff for post secondary implications.**

FOUNDATIONS OF MATH AND PRE-CALCULUS 10

MFMP-10-4S

Credits: 4

Prerequisite: Math 9

Recommended for students with a C+ of higher and a strong work ethic.

This academic course introduces students to the mathematical and critical-thinking skills further developed in the Foundations of Mathematics or Pre-Calculus pathways. Topics include; linear functions, systems of linear equations, relations and functions, multiplying and factoring algebraic expressions, roots and powers, trigonometry, arithmetic sequences and series, and finance. Students need to have; a strong understanding of the basics of algebra, a strong foundation/understanding of basic computation skills without the use of a calculator (BEDMAS using numbers 1 to 12), an understanding of operations with fractions, and be able to graph a linear function.

****A grade 10 math course, as well as a grade 11 math course, is a requirement for graduation.****

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MATH GRADE 11

WORKPLACE MATH 11

MWPM-11-4S

Credits: 4

Prerequisite: Workplace Math 10

Topics include geometry, measurement, number, probability and statistics. The seven mathematical processes (communication, connections, mental mathematics and estimation, problem solving, technology and visualization) are interwoven throughout the mathematical topics.

FOUNDATIONS OF MATH 11

MFOM-11-4S

Credits: 4

Prerequisite: Foundations and Pre-Calculus Math 10

This course is designed to provide students with the mathematical and critical thinking skills identified for college or university studies in programs like Geography, Social Sciences, or Arts. This course is not easier than Pre-Calculus 11, but rather is a different style of course. This course satisfies high school graduation requirements, but is not sufficient for entry into all post-secondary programs. Students need to determine if this course is an accepted entrance requirement for the program and post secondary institution of their choosing. Topics include: financial mathematics, angle relationships, trigonometry, logic and reasoning, relations and functions, and probability and statistics.

PRE-CALCULUS 11

MPREC11-4S

Credits: 4

Prerequisite: Foundations Math and Pre-Calculus 10

Recommended for students with a C+ of higher and strong work ethic.

This academic course is designed to provide students with the mathematical and critical thinking skills identified for college or university studies in Sciences, Business, Finance, Mathematics, Engineering, or other technical programs. Topics include: graphing and solving quadratic functions, graphing and solving radical functions, graphing and solving rational functions, roots and powers, inequalities, trigonometry, arithmetic sequences and series, and finance.

HISTORY OF MATH 11

MHOM-11-4S

Credits: 4

Prerequisite: Must have completed or be taking a Math 10 course

In History of Math 11, you will explore the development of Mathematics over many centuries and cultures and see how math continues to evolve today. You will investigate key concepts and figures in the history of mathematics through inquiry, investigation, and problem solving. Topics that you could explore are: number systems, patterns and algebra, geometry, probability and statistics, technology and cryptography. **History of Math 11 meets the graduation requirement for Math 11**, and can also be taken as an elective course open to all students in grade 10, 11 or 12 who have taken a Math 10 course; this course may not be recognized by post-secondary institutions for admission to certain programs.

MATH GRADE 12

FOUNDATIONS OF MATH 12

MFOM-12-4S

Credits: 4

Prerequisite: Foundations 11 /Pre-Calculus 11 –

recommended grade of C+ of higher and strong work ethic.

This academic course is designed to provide students with the mathematical and critical thinking skills identified for college or university studies in programs like Nursing, Geography, Social Sciences, or Arts. Some universities may accept Foundations of Math 11 and Foundations of Math 12 in lieu of Pre-Calculus 11 as an entrance requirement. Students need to determine if this course is an accepted entrance requirement for the program and post secondary institution of their choosing. Topics include: regression and regression analysis, logic and reasoning, counting patterns, relations and functions, and probability and statistics.

PRE-CALCULUS 12

MPREC12-4S

Credits: 4

Prerequisite: Pre-Calculus 11

Recommended grade of C+ of higher and strong work ethic.

This academic course is designed to provide students with the mathematical and critical thinking skills identified for college or university studies in Sciences, Mathematics, and Engineering, but may be the prerequisite course for other areas of post-secondary study. Topics include: transformations of functions, combinations of functions, the graphing and solving of; polynomial, exponential, logarithmic, and trigonometric functions and equations, trigonometric identities, conics, and geometric sequences and series.

CALCULUS 12

MCALC12-4S

Credits: 4

Prerequisite: Pre-Calculus 11 and recommended is Pre-Calculus 12

Co-requisite: Pre-Calculus 12 with a C or better

Calculus deals with the analysis of quantities, which are changing with time. The major ideas are the Derivative and rates of change. Calculus is also the starting point to most post-secondary studies in Mathematics, Business, Engineering, Finance, and Sciences. This course is approved for entrance to UBCO, UBC, SFU and UVic. **Highly recommended for those students going on in Math, Science Finance and Business programs.**

MATHEMATICS GRADE 12

PRE-CALCULUS 12 AP/AP CALCULUS 12

MPREC12-4S-AP/ ACAL-12H4S Credits: 8

Prerequisite: Pre Calculus 11 with at least a strong B and a strong work ethic.

This is a 2 semester course (one full year) in which students will register for Pre-Calculus 12 AP in first semester and AP Calculus 12 in second semester. Upon completion, students will earn 8 credits (for Pre Calculus 12 and AP Calculus 12). This structure essentially doubles the amount of time students have to fully understand the material and critical thinking skills in both Pre-Calculus 12 and AP Calculus 12. The result should be improved grades for Pre-Calculus 12 and AP Calculus 12. Students wishing to opt out of this two semester structure have two options. They may do so at the end of semester 1, in which case they will receive credit for Pre-Calculus 12. If students choose not to write the AP exam they may focus on the regular Calculus 12 content through semester 2 and receive credit at the end of the year for Pre-Calculus 12 and Calculus 12.

GEOMETRY 12

MGMT-12-4S Credits: 4

This a great course intended for students planning to attend a post-secondary school in Sciences, Physics, all areas of Engineering (mechanical, civil, electrical and all others specialties), Drafting, Human Kinetics, Mathematics, and Construction. Students need to have either Pre-Calculus 11 or Foundations 11 to be successful in this course. The topics include geometric constructions, parallel and perpendicular lines, circle geometry, tangents, geometric proof, isometries and non-Euclidean geometries.

COMPUTER SCIENCE GRADE 11/12

COMPUTER SCIENCE 11 (PROGRAMMING INTRODUCTION)

MMACS11-4S Credits: 4

Prerequisite: Math 9 C+ Minimum, Computers 9 recommended, but not required.

Any student interested in pursuing a career in game programming, information technology, networking, or engineering should enroll in this introductory course to computer science. This course will introduce students to basic programming while exploring mathematical concepts. They will then learn the C++ programming language to construct and edit programs containing input/output, read/write and simple variables. Strings, loops and arrays will also be introduced. Students will use debugging techniques that focus on developing and applying problem solving skills to ensure the validity of their programs. (Note: This course is classified as an elective).

COMPUTER SCIENCE 12 (PROGRAMMING ADVANCED)

MMACS12-4S Credits: 4

Prerequisite: Computer Science 11

Once familiar with the basic coding structures, students will continue with more advanced topics using Java. It emphasizes both object-oriented and imperative problem solving and design using the Java programming language. In addition to learning another language, it will prepare students for AP Computer Science A 12, if they choose to pursue Advanced Placement. Topics include primitive types, using objects, boolean expressions & if statements, iteration, writing classes, arrays, array lists, 2D arrays, inheritance, and recursion. (Note: This course is classified as an elective)

AP COMPUTER SCIENCE A 12

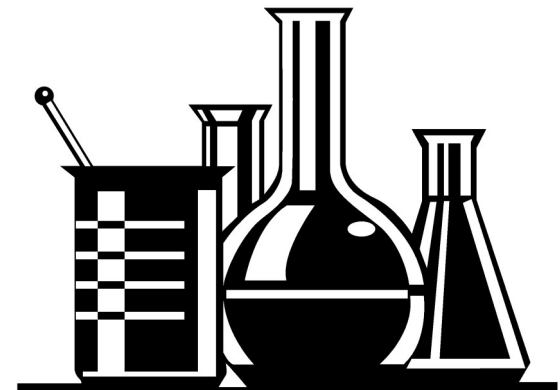
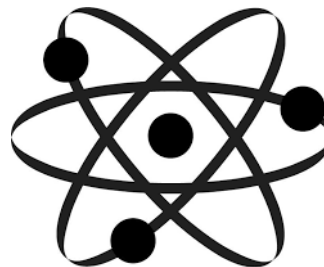
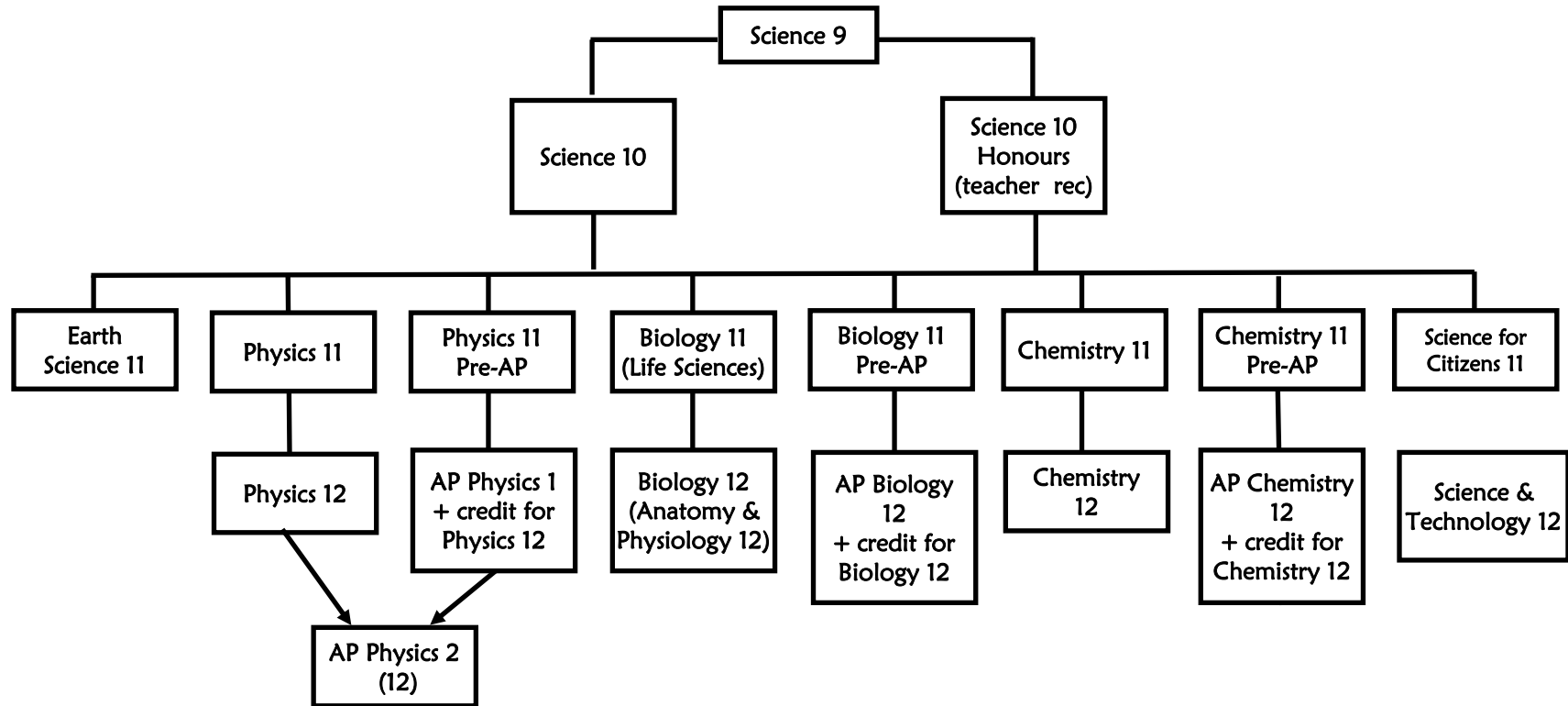
ACSC-2A-4S Credits: 4

Prerequisite: Computer Science 11 (86% or higher) or teacher recommendation. Designed for highly motivated Computer Science students.

AP Computer Science A 12 is equivalent to a college or university level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using the Java programming language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems.

Students who successfully complete the AP exam and achieve the minimum required standing may use this credit towards a first year computer science course. Problem solving, critical thinking skills, and collaboration with other students will be emphasized in this course. Note: A strong work ethic is essential to success in this course.

SCIENCE



SCIENCE GRADE 10

SCIENCE 10

MSC—10-4S

Credits: 4

Prerequisite: SC9

This is the last Junior Science course to complete the survey of four major branches of science: Biology (genetics), Chemistry (atomic structure and chemical reactions), Physics (energy transformations), and Earth & Space Science (formation of the universe). This course will provide opportunities, through projects and labs, to develop Science curricular skills such as questioning and predicting, processing and analyzing data and information, and communicating through different mediums. For detailed information on the new curriculum, please see: <https://curriculum.gov.bc.ca/curriculum/science/10/>

SCIENCE GRADE 11 COURSE OPTIONS

PHYSICS 11

MPH—11-4S

Credits: 4

Prerequisite: SC 10, Foundations 10 (C+) and enrolled in an Academic Math 11 (Foundations with B average). Not recommended for A&W Math students.

Physics 11 is recommended for students planning a career in an area of scientific or technical training. The basic understanding of the way in which physical forces shape the world around us will help the student understand the concepts presented in their other science and math courses. The course uses mathematical skills such as graphing, problem solving and manipulating equations. The topics covered are mechanical waves, energy and the study of motion, and electricity. This course will continue to provide opportunities to develop Science curricular skills like: questioning and predicting, processing and analyzing data and information, and communicating.

***NOTE:** Students who enroll in a Bachelor of Science degree program after graduation will have to take a physics course in their first year. For this reason, these students should take at least PH11 in high school even if their major interest is Biology, Chemistry or Geology.

SCIENCE FOR CITIZENS 11

MSCCT11-4S

Credits: 4

Prerequisite: SC10

Science for Citizens is a grade 11 science course designed for students who are looking for a graduation requirement. This course does NOT meet the science requirement for admission to university in BC. If you are interested in or curious about seeing your everyday world through a different lens, then this is the course for you. Topics include Health & Nutrition, Chemicals in the Home & Workplace and a large unit on Forensic Science.

LIFE SCIENCES 11 (formerly Biology 11)

MLFSC11-4S

Credits: 4

Prerequisite: SC 10

Life Sciences 11 satisfies the grade 11 science graduation requirements. This course is an academic elective and a prerequisite for Anatomy and Physiology 12. Life Sciences 11 is a general overview of life! This course explores the following topics: characteristics of living things, process of evolution, taxonomy and an overview of the three Domains of life (with a focus on microbiology, plant and animal biology.) This is a lab/activity-based course with an emphasis on inquiry learning. Students will learn to correctly apply and use the scientific method through all areas of study. For detailed information on the curriculum please see: <https://curriculum.gov.bc.ca/curriculum/science/11/life-sciences>

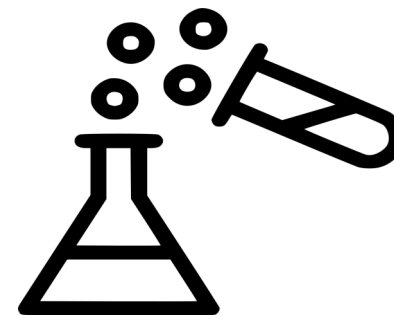
CHEMISTRY 11

MCH—11-4S

Credits: 4

Prerequisite: SC10, MA10; Academic Math 11 recommended

This course is designed to help students acquire a body of chemical information: facts, procedures, concepts, laws, theories, and the processes for obtaining this information. Laboratory experiments provide data for mathematical calculations and observations necessary to understand this body of information. The study of chemistry can prepare the person to be a more informed decision-maker in our increasingly technological world. Students will learn about the structure of matter, measurement of matter, reactions of matter, matter in aqueous solutions, and organic chemistry. This course will continue to provide opportunities to develop Science curricular skills like:



SCIENCE 11 AND SCIENCE 12 / PRE-AP/AP COURSE OPTIONS

EARTH SCIENCE 11

MESC-11-4S

Credits: 4

Prerequisite: SC 10

Earth Science 11 provides students with a broad look at our earth, its formation and its place in our solar system. We live on a small planet orbiting a mediocre star in an average galaxy somewhere in a vast universe. Earth is special to us, but to understand its limitations we need to study its materials (rock & minerals, plate tectonics), environment (weather & oceans), and unique location (astronomy). This course will provide opportunities, through projects and labs, to develop Science curricular skills such as questioning and predicting, processing and analyzing data and information, and communicating through different mediums. This course does meet the science requirements for admission to some programs at university in BC.

PHYSICS 12

MPH—12-4S

Credits: 4

Prerequisite: Pre Calc 11 and enrolled in Pre Calc

Physics 12 is intended for those students planning to study science at the University or College level. Since it is a mathematically demanding course it offers students a chance to develop their algebraic and problem solving skills. Although this course is intended for those students that will go on to major in Applied Sciences (Engineering, Computer Science etc.), or Physics, the topics covered will provide a significant advantage for students interested in other areas of science or math. This course will cover the topics of Relative Motion, Special Relativity, Linear and Circular Motion, Fields (gravitational, electric and magnetic), Momentum and Electromagnetic Induction. Math 12 should be completed before or taken concurrently with Physics 12. This course will continue to provide opportunities to develop Science curricular skills like: questioning and predicting, processing and analyzing data and information, and communicating.

PHYSICS 12 AP

AP PHYSICS

Physics AP is now broken down into two courses: AP Physics 1 and AP Physics 2 (each with their own AP exam in May). Students interested in taking BOTH should enroll in AP Physics 1 in Grade 11 and AP Physics 2 in the second semester of Grade 12. These two courses could provide students with College equivalent credits for two semesters of first year physics at most Universities (or Colleges). Students interested in only taking one AP Physics course should enroll in AP Physics 1 in either their grade 11 or grade 12 years. This would allow them to apply for only one semester worth of Physics at participating Universities.

The courses follows the curriculum prepared by the College Board for the Advanced Placement Program. It is taught at a level equivalent to first year University and students who pass the AP Physics exams may apply for credit, placement, or both at most major colleges and universities in Canada and the U.S.

PHYSICS 11 PRE-AP: Semester 1

MPH—11H4S

Credits: 4 (Physics 11 equivalent)

For the first semester, the focus will be on the basic classical mechanics encountered in regular Physics 11 and Physics 12 (Kin, Dyn, Energy, etc.)
Students not wishing to continue after Semester 1 will be eligible for Physics 11 credit.

AP PHYSICS 1: Semester 2

APHH-12-4S

Credits: 8 (Physics 12 equivalent plus AP Physics 1)

The second semester will focus on electricity and magnetism along with waves and rotational motion. The course will run all year with the first semester providing an equivalent Physics 11 credit (4 credits), and the second semester providing the Physics 12 credit (4 credits), as well as an AP Physics 1 credit.

SCIENCE 12 / PRE-AP/AP COURSE OPTIONS

AP PHYSICS 2: Semester 2

APHM-12-4S Credits: 4

AP Physics 2 students will share a classroom with AP Physics 1. Simply enroll in AP Physics 1 Semester 2 when selecting this course.

Prerequisites: Pre Calc 11, Enrolled in Pre Calc 12, AP Physics 1 (or Physics 11 and Physics 12 completed)

In order to be successful in AP Physics 2 students must have **either** completed AP Physics 1 **OR** Physics 11 and Physics 12. AP PHYSICS 2 is algebra-based is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. Students completing AP Physics 2 should have a significant advantage at university (especially engineering students) as these topics are never discussed in the regular stream and can be challenging at university.

PLAN AHEAD! - Both course exams will occur in May along with the other AP exams. For students wanting to take both courses, they should complete AP Physics 1 in their grade 11 year and AP Physics 2 in their grade 12 year.

BIOLOGY 11 PRE-AP

MLFSC11-4S-PA Credits: 4

Biology 11 PRE-AP is the first half of the Advanced Placement Biology Course. AP Biology is equivalent in nature and content to a typical first year university course. AP Biology 11 includes some of the topics covered in the Life Sciences 11 curriculum (Evolution, Microbiology, Phylogenetics) as well as additional AP topics; (Cell division, Genetics, and Animal Behavior). This is a lab based course with an emphasis on inquiry learning. Laboratory work, critical thinking skills, technical writing and problem solving will be emphasized in this course. A strong academic ability and excellent work ethic are essential to success in this course. It is recommended that students take both Biology 11 PreAP and Biology 12AP in the same school year.

ANATOMY AND PHYSIOLOGY 12 (formerly Biology 12)

MATPH12-4S Credits: 4

Prerequisite: Life Sciences 11

Co-Prerequisite: Chemistry 11 (strongly recommended)

Anatomy and Physiology 12 is a rigorous course designed for science students wishing to continue in science studies at the post-secondary level in the health and medical fields.

The course is focused on three main areas: biochemistry, cell processes and human anatomy and physiology. The content is organized conceptually and includes knowledge in the following areas: homeostasis, DNA/gene expression, and organ systems. The course is a combination of inquiry-based learning through lab work and problem solving with a direct application of learned concepts. For detailed information on the curriculum please see: <https://curriculum.gov.bc.ca/curriculum/science/12/anatomy-and-physiology>

BIOLOGY 12 AP

ABIO-12H4S Credits: 8

Prerequisite: BI 11AP; Chemistry 11 strongly recommended

Biology 12 AP is the second half of the Advanced Placement Biology Course. It is equivalent in nature and content to a typical first year university course. Biology 12 AP includes all the topics covered in the Biology 12 curriculum (Biochemistry, Cytology and Human Physiology) as well as additional AP topics; (Bioenergetics, Molecular Genetics, and Cell Signaling). Students who complete AP Biology 11 and 12 will write the AP Biology examination in May. Students who successfully complete this exam may use this credit towards first year university biology. This is a lab based course with an emphasis on inquiry learning. Laboratory work, critical thinking skills, technical writing and problem solving will be emphasized in this course. Note: A strong work ethic is essential to success in this course. It is recommended that students take both Biology 11 PreAP and Biology 12AP in the same school year. A mandatory morning tutorial is a required component of this course.

SCIENCE 12 / PRE-AP/AP COURSE OPTIONS

CHEMISTRY 11 HONORS PRE-AP

MCH—11H4S Credits: 4

Prerequisite: SC10, MA10; Academic Math 11 recommended

The goal of Pre-AP Chemistry 11 is to provide students with a foundation to understand the structure and properties of chemical substances and to make predictions in regards to the movement of energy in a system. In particular, it is designed to cover introductory topics within the Advanced Placement program for Chemistry. In addition to the course topics addressed in Chemistry 11 (Structure of Matter, Measurement of Matter, Reactions of Matter, Matter in Aqueous Solutions, and Organic Chemistry) it includes the advanced topics of: Gas Laws, Quantum Theory, Intramolecular Forces, and Thermochemistry, and Redox Chemistry are introduced. This course is designed to give you the background and skills to prepare you for more advanced science classes, such as AP Chemistry 12 and/or AP Biology 12. By nature, this course is lab-based with special emphasis on quantitative and qualitative methods of analysis, and will continue to provide opportunities to develop Science curricular skills like: questioning and predicting, processing and analyzing data and information, and communicating.

CHEMISTRY 12

MCH—12-4S Credits: 4

Prerequisite: Chemistry 11, Academic Math 11 with a C+ or higher recommended Chemistry 11, Pre-Calculus 11 with a C+ or higher recommended

This course is designed for the serious science student wishing to continue in science courses at the university level. The further study of chemistry is central for any student wanting to study either the life sciences or the physical sciences. Chemistry 12 focuses on Chemical Collisions and Energy Changes, Equilibrium Systems, Acid-Base Chemistry, and Electrochemistry. The course is based on algebraic principles and stresses problem solving. This course will continue to provide opportunities to develop Science curricular skills like: questioning and predicting, processing and analyzing data and information, and communicating.

CHEMISTRY 12 AP

ACHE-12H4S Credits: 8

Recommended Prerequisite: designed for the highly motivated chemistry student.

In order to be successful in Chemistry 12 AP, students must either complete Chemistry 11H or Chemistry 11 with a teacher recommendation (a significant entrance assignment and supplementary labs will be required to make up the missing curricular outcomes and skills). Chemistry is sometimes coined the central science as it can be seen as being foundational to chemical, physical and biological systems and informs the advent of technologies every day. Appreciating the applications of chemistry, which requires a greater depth of knowledge and technical skills, should be the primary draw for students interested in taking AP* Chemistry 12. It is designed to cover the course topics addressed in Chemistry 12 (Reaction Kinetics, Dynamic Equilibria, Solubility, and Acid-Base Chemistry), and Organic Chemistry) and also the advanced topics of Thermochemistry and Reaction Spontaneity. Structured similarly to a college or university chemistry course, a significant emphasis will be placed on instruction through the laboratory experience. With this enriched lab experience, students will improve critical thinking, scientific reasoning and data analysis skills foundational to success in any post-secondary science program, and will continue to develop Science curricular skills like: questioning and predicting, processing and analyzing data and information, and communicating. At the conclusion of AP* Chemistry 12, students will have the ability to seek university or college credit by writing the AP College Board exam in May. After the examination, students will be encouraged to continue to work on supplementary resources, including laboratories, in order to further their understanding, achieve the curricular standards and improve skills necessary for post-secondary success. Although students should be prepared for the considerable workload and academic rigors that a course of this nature will require there are clear benefits to a course designed to bridge the high school and college experience.

CAREER PLANNING

GRADE 10

CAREER LIFE EDUCATION

MCLE-10-4S

Credits: 4

Prerequisite: None

Career Life Education 10 will connect students' career life journey from grade 9 into the high school setting. Instructional focus will encourage each student to create a positive and valuable pathway involving exploration of educational course/program options and social responsibilities in the high school, local community and global environments. The district's Myblueprint program will be a major resource in this course. At RSS students will begin preparing for their grade 12 Capstone/ MAP presentation during Career Life Education 10 and continue this process in Career Life Connections 11.



GRADE 11

In order to meet graduation requirements, all Grade 11 students are required to complete the following two courses:

CAREER LIFE CONNECTIONS 12

MCLC-A12-2S Credits: 4

Prerequisite: None

The course focuses on guiding students to positively market and brand themselves; to identify their unique strengths, skills and interests with relation to transferable skills and job readiness. Students will use various digital tools to explore education and career pathways.

*** Career Life Connections 12 will also be offered outside of the timetable**

GRADE 12

CAREER LIFE CONNECTIONS 12B + CAPSTONE

Graduation requirement

MCLCB12-2B-2S

The BC Graduation Program requires grade 12 students to complete their final passion or interest-based inquiry process and present their Capstone project. Students will be held accountable for 30 hours (Ministry of Education requirement) that can be obtained through accumulation of one or all of the following: work, volunteer or career experiences.

WORK EXPERIENCE 12A AND 12B

MWEX-2A-4S / MWEX-2B-4S Credits: 4

The primary goal of work experience is to help students prepare for the transition from secondary school to the world of work. Goals include helping students to:

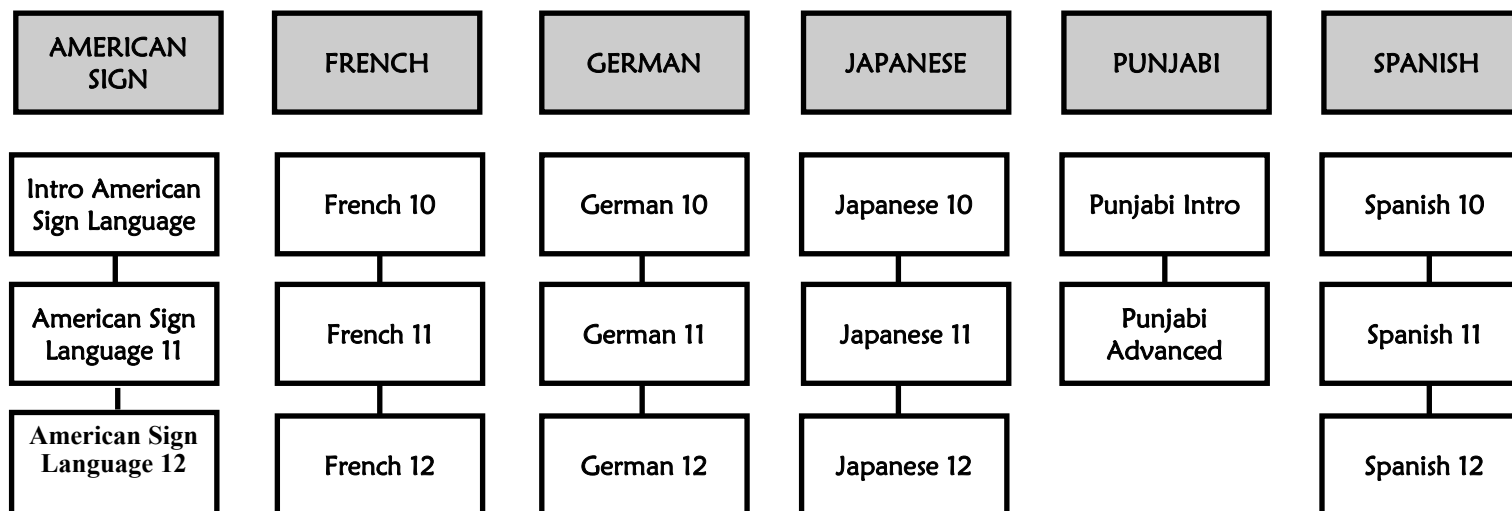
- Connect what they learn in the classroom with the knowledge, skills, and attitudes needed in the workplace
- Gain the knowledge, skills, and attitudes needed to be successful in the world of work
- Develop job readiness skills for specific occupations and careers
- Understand the similarities and differences in behaviour standards between the workplace and school

REQUIREMENTS TO EARN CREDIT FOR WORK EXPERIENCE:

- Register your work experience placement(s) with the Career Center.
- Work Experience 12 A – Accumulate at least 100 hours of paid or unpaid work experience.
- Work Experience 12 B – Students need to accumulate another 100 hours beyond what they used for Work Experience A.
- Complete a post-work experience evaluation and report and submit it to Mr. Charland.

**Work Experience is available to Grades 10 & 11 as well.
For more information, see the Career Centre.**

MODERN LANGUAGES



AMERICAN SIGN LANGUAGE

American Sign Language is a visual language, which combines formal signs, finger spelling, gestures, body language, and facial expression. The learning environment in the classroom is fun, fast-paced, and highly interactive. Students will have a variety of experiences and opportunities to use ASL, including the opportunity to communicate with children and adults who are deaf and hard of hearing. An important part of the ASL program at RSS is community outreach; students will engage in a number of fieldtrips to various schools in the district to share their knowledge of ASL and build awareness about the Deaf Community.

INTRODUCTORY AMERICAN SIGN LANGUAGE

MASL-10-4S

Credits: 4

Prerequisite: None

American Sign Language is a visual language which combines formal signs, fingerspelling, gestures, body language, and facial expression. The learning environment in the classroom is fun, fast paced, and highly interactive – all without using voice! ASL students are given opportunities to explore ASL, including opportunities to communicate with members of the Deaf Community. ASL is a challenging and demanding course. Strong work habits, regular attendance and full participation in class activities are essential in order to fulfill the course requirements.

AMERICAN SIGN LANGUAGE 11

MASL-11-4S

Credits: 4

Prerequisite: Introductory ASL

ASL 11 expands on expressive and receptive skills, vocabulary, and experiences of Introductory ASL 11. Students will be encouraged to use ASL in real life situations, to research topics related to ASL, and become familiar with art and literature of Deaf Culture, as it relates to learning ASL. ASL 11 is a visually demanding course which requires continued commitment, strong work ethic, and consistently good attendance. ASL 11 will satisfy the second language requirement for many universities. It is recommended to take ASL 12 to satisfy certain degree programs

AMERICAN SIGN LANGUAGE 12

MASL-12-4S

Credits: 4

Prerequisite: ASL 11

ASL 12 connects ASL language skills with real life situations, further exploring Deaf Culture within the local Deaf Community. Increased language proficiency will allow students to gain deeper social and personal awareness skills through the lens of a global citizen and ally. Through inquiry, students will explore creative works that will promote connections between language and culture.



MODERN LANGUAGES GRADE 10

FRENCH 10

MFR—10-4S

Credits: 4

Prerequisite: French 9 preferred, but not required.

French 10 is a communicative course intended to have students focus primarily on speaking, listening, comprehension, and grammar skills. On many occasions the students will work in pairs or small groups, on topics drawn from the experiences of young people between the age of 13 and 16. Cultural material drawn from authentic French language sources, such as magazines and brochures are included. This course is based on the communicative series Bon Voyage. (Level 2 Part one)

GERMAN 10

MGE—10-4S

Credits: 4

Prerequisite: None

The object of this course is to provide an opportunity for the student to begin the study of German as a second language. By completing this study, the student will obtain a working vocabulary and a necessary understanding of the grammatical structure to be able to read, write, understand and speak basic conversational German. Students will learn to appreciate German culture within the content of this language. This course is designed for those students who have no German language background.

JAPANESE 10

MJA—10-4S

Credits: 4

Prerequisite: None

Students will learn basic Japanese conversation including, greetings, self-introduction, and family introduction. The course uses 'real' Japanese resources such as children's picture books, anime, manga, and toys. We will learn about basic concepts of Japanese culture and society. Students will master the hiragana and katakana writing systems and be introduced to some kanji.

MODERN LANGUAGES GRADE 11

FRENCH 11

MFR—11-4S

Credits: 4

Prerequisite: French 10

French 11 students will concentrate on improving their listening, speaking, and comprehension skills. The main objective is to be capable of communicating verbally. The students are expected to exchange opinions on topics of interest; describe or narrate an event, situation, or experience; discuss plans related to common activities; interact in French with confidence in familiar situations drawn from real life; research and use relevant information from a variety of sources to complete a task; view, listen to, and read creative works and respond to them in various ways, and be familiar with cultural traditions and customs. This course is based on the communicative series Bon Voyage (Level 2 Part 2).

GERMAN 11

MGE—11-4S

Credits: 4

Prerequisite: German Intro

This course is designed to further develop the conversational skills of German Intro. While much emphasis is placed on reading, comprehension, and grammatical skills, the main focus is the conversational communication of the students. Pupils are exposed to a wide variety of speaking experiences and oral dramatizations. A written mid-term is complemented by an oral final exam. German 11 fulfills the language requirements of most universities.

JAPANESE 11

MJA—11-4S

Credits: 4

Prerequisite: Japanese 10

Building on language skills developed in Japanese 10, students will expand their vocabulary and become confident in exchanging information on familiar topics. Students will convey acquired information in oral and visual forms, and in writing using hiragana, katakana and some kanji.

MODERN LANGUAGES GRADE 12

FRENCH 12

MFR—12-4S

Credits: 4

Prerequisite: French 11

This course will be taught primarily in French. In French 12, students will increase their vocabulary and grammatical skills by studying the next level in the series Bon Voyage and by participating in a variety of classroom activities. Students are expected to use vocabulary in the present, past, compound and future tenses as well as be able to demonstrate the proper use of the subjunctive mood; research, analyze, and use information; view, listen to and read creative works and respond to them through various media; continue to be enriched in the francophone culture. Students will be required to write short essays and opinion paragraphs.

GERMAN 12

MGE—12-4S

Credits: 4

Prerequisite: German 11

This course is designed to promote further development of translation, composition, and conversational skills and is intended for students who have achieved a good understanding of German. German 12 aims at academically senior students who must write a provincial and possibly a scholarship examination. This is definitely not for the faint of heart. An A or B standing in German 11 is a recommended prerequisite.

JAPANESE 12

MJA—12-4S

Credits: 4

Prerequisite: Japanese 11

Students' language (writing, reading, speaking, and listening) will become more detailed as they exchange information on familiar topics, express plans, give information, and support points of view on various topics using hiragana, katakana, and kanji.

MODERN LANGUAGES GRADE 10

SPANISH 10

MSP—10-4S

Credits: 4

Prerequisite: None

This course is for anyone who wants to communicate in and understand basic Spanish! This course is based on story-telling and emphasizes the use of common, high-frequency vocabulary and expressions. During class, students will participate in activities that challenge their comprehension and skills in listening, speaking, reading, and writing. Students will focus on communication in the present, past, and future. In addition, students will be exposed to Hispanic culture and cultural activities. These lessons will provide students the opportunity to practice cultural awareness and appreciation. This language course requires students to attend class, participate, and practice! Spanish 10 is a prerequisite for Spanish 11 or it can stand alone as a comprehensive introduction to the language.

PUNJABI INTRO

MPUN-10-4S

Credits: 4

Prerequisite: None

Introduction to Punjabi is a beginner course in Punjabi. Students will learn the alphabet, vowel symbols, basic grammar skills, and basic reading skills. Students will learn how to use common expressions and vocabulary for familiar objects. There will be a number of major projects to extend their knowledge of the Punjabi language, culture, and history. Students are expected to work hard in order to be successful in this course.

MODERN LANGUAGES GRADE 11

SPANISH 11

MSP—11-4S

Credits: 4

Prerequisite: Spanish 10

Spanish 11 is for anyone who wants to expand their comprehension and skills in Spanish and/or apply to a post-secondary institution with a Language 11 course credit. In this course, the story-telling continues with new stories using increasingly complex vocabulary and expressions. During class, students will participate in activities that challenge their comprehension and skills in listening, speaking, reading, and writing. Students will focus on communication in the present, past, and future. In addition, students will be exposed to Hispanic culture and cultural activities. These lessons will provide students the opportunity to practice cultural awareness and appreciation. This language course requires students to attend class, participate, and practice!

PUNJABI ADVANCED

MPUN-11-4S

Credits: 4

Prerequisite: Punjabi Intro

Punjabi 11 will continue to build on language skills developed in Punjabi Intro. Students will expand their vocabulary, reading, and writing skills. Students will learn how to use common expressions and vocabulary for familiar objects. There will be a number of major projects to extend their knowledge of the Punjabi language, culture, and history. Students are expected to work hard in order to be successful in this course.

MODERN LANGUAGES GRADE 12

SPANISH 12

MSP—12-4S

Credits: 4

Prerequisite: Spanish 11

This course is for anyone who wants to expand their comprehension and skills in Spanish for travel or post-secondary language study. In this course, the story-telling continues with new stories using increasingly complex vocabulary and expressions. During class, students will participate in activities that challenge their comprehension and skills in listening, speaking, reading, and writing. Students will focus on communication in the present, past, and future and they will learn to use the language in various real-life and travel scenarios. In addition, students will be exposed to Hispanic culture and cultural activities. These lessons will provide students the opportunity to practice cultural awareness and appreciation. This language course requires students to attend class, participate, practice, and challenge themselves!

APPLIED SKILLS: BUSINESS EDUCATION

ACCOUNTING 11

MAC—11-4S

Credits: 4

Prerequisite: None

Accounting 11 is an introductory accounting course that will provide students with a broad introduction to accounting principles and practice. Accounting is the process of keeping track of the financial performance of organizations. This is a very hands-on course, where students will practice applying accounting concepts through various activities, preparing financial documents. Most course activities will be completed using computers - focusing mostly on the use of Microsoft Excel and Google Sheets software. No prior computer expertise is necessary, as all software skills may be learned as needed. This course is a must for any student intending to enter the business world, considering a career in business or taking business courses at a postsecondary institution. What a great skill to add to your resume! **Note: Students completing Accounting 11 & 12 with a 75% or higher final grade can earn Okanagan College credit for BUAD 111 (Introductory Accounting) in their Business Administration diploma or degree program.**

ACCOUNTING 12

MACC-12-4S

Credits: 4

Prerequisite: None

This is a practical hands-on accounting course building on the knowledge students have attained through Accounting 11. Students will apply knowledge of accounting through a variety of computer-based projects using Microsoft Excel and Google Sheets software. Students will learn how to complete an accounting cycle for a service and merchandising business. Also, concepts related to payroll accounting, budgeting, inventory systems, and financial statement analysis are introduced. This course is highly useful for students considering a career in business, especially if interested in the fields of accounting or bookkeeping. Again, what a great skill to put on your resume! **Note: Students completing Accounting 11 & 12 with a 75% or higher final grade can earn Okanagan College credit for BUAD 111 (Introductory Accounting) in their Business Administration diploma or degree program.**

ENTREPRENEURSHIP AND MARKETING 10

MADÉM10-4S

Credits: 4

Prerequisite: None

Want to learn the basics of starting and then growing your own business? Then this is the class for you. We will examine the Entrepreneurial mindset, product & service ideation, theorizing & validating an idea. We will then put your idea into actual practice so that you can leave this class with more money than when you began it. Additional business topics covered include finance & the stock market, economics, marketing, crowdfunding, establishing a social media presence and preparing you to pitch your business idea to actual businesspeople. If learning the basics of business, entrepreneurship, marketing and finance interests you, then this class is a must. This course uses the framework of SD23's amazing iGen Challenge (igc23.com) so that students will be able to apply their learning to an actual business that they have created. This course is highly recommended for those students

considering a career in business and/or looking to expand their understanding of how to make money.

MARKETING AND PROMOTION 11

MMAP-11-4S

Credits: 4

Prerequisite: Entrepreneurship and Marketing 10

Interesting in the basics of marketing then this class is for you. Expanding on the topics covered in Entrepreneurship & Marketing 10, this class will dive deeper into the world of business with a primary focus on marketing and promotions. Marketing techniques, branding, pricing, promotion, target marketing, and production will all be examined. This course uses the framework of SD23's amazing iGen Challenge (igc23.com) so that students will be able to apply their learning to an actual business that they have created. This course is highly recommended for those students considering a career in business and/or looking to expand their understanding of how to make money.

ENTREPRENEURSHIP 12

MENT-12-4S

Credits: 4

This course encourages students to gain a practical understanding of what is required in the successful start of a small business. Students will apply skills learned in the creation and operation of a small business initiative, including the development of a business plan, the design, production and marketing of a product, and enrolling in the iGen Challenge. They will also learn to maintain and analyze financial records that will help them establish and monitor production and sales goals during the span of the program. This exciting course would be of benefit to those students considering self-employment as a career option and is highly beneficial to students considering a career in business and/or planning to study business. Both Grade 11 & 12 students are encouraged to register for this course.

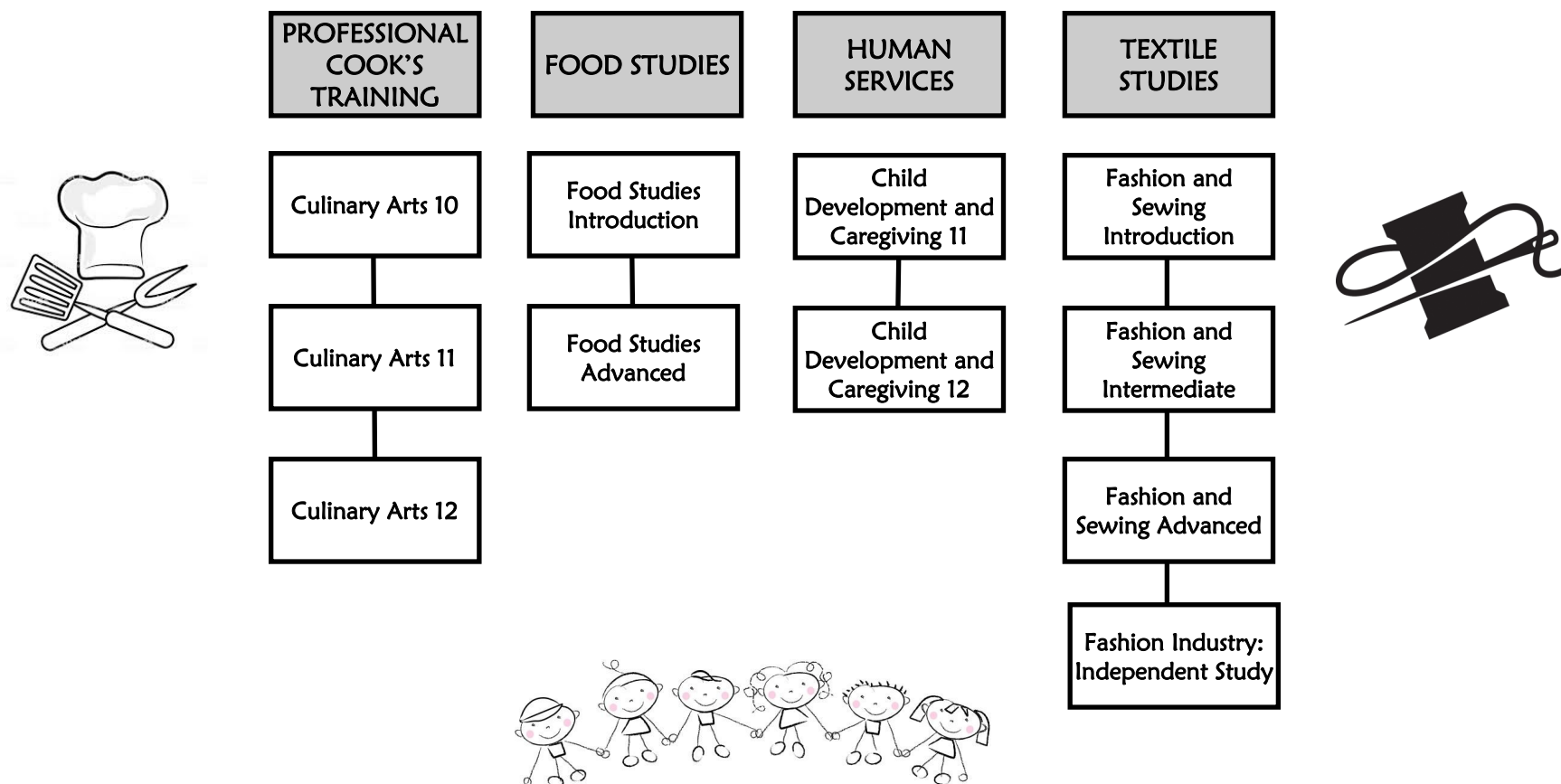
OPERATION TAKE TWO 10/11/12

MADÉM10-4S, MMAP-11-4S-TT, MENT-12-4TT-S

Credits: 4

Want to take control of your time as well as learn how to make serious money? Then this is your course. We will dive deeper into the fascinating world of business and entrepreneurship. This class will provide both theoretical and practical business experience so that students will be able to come up with an actual business idea and then execute that idea for monetary gain. This course uses the framework of SD23's amazing iGen Challenge (igc23.com). This class is a must for students interested in self-employment as a career option and/or who are looking to study business or go into business in the future.

APPLIED SKILLS: HOME ECONOMICS



APPLIED DESIGN, SKILLS, AND TECHNOLOGIES

Using creative and critical thinking, students have the opportunity to work collaboratively to address real-world challenges by exploring materials, using tools and equipment, designing and building, developing processes, and communicating the merits of their work. They learn to critically evaluate the appropriateness of the products and/or services they develop and those developed by others. As they explore the role of culture, including local First Peoples cultures, in the development of practical and innovative solutions to human needs, they develop a sense of personal and social responsibility for these products and/or services and their effects on individuals, communities, and the environment, now and in the future. The BC Applied Design, Skills, and Technologies (ADST) curriculum contributes to students' development as educated citizens using the ADST design framework of Understanding Context, Defining, Ideating, Prototyping, Testing, Making, Sharing.

HOME ECONOMICS COURSE OPTIONS

PROFESSIONAL COOK'S TRAINING

CULINARY ARTS 10

MCUL-10-4S

Credits: 4

Prerequisite: None

This is an introductory course for professional cooking based in the school's commercial cafeteria. The course focuses on the introduction of skills, content knowledge and creative capacity required for commercial food preparation. Students learn how to handle food service tools and equipment in a safe and sanitary manner and run the school cafeteria while gaining basic knowledge in soups, sandwiches, salads, desserts, entrees and more. Students also take Food Safe Level 1 at the beginning of the course and will receive 30 hours of work experience. Student evaluation for this course is based mostly on hands-on practical work.

CULINARY ARTS 11 (FORMERLY KNOWN AS PROFESSIONAL COOK'S TRAINING)

MCKT-1A-4S

Credits: 4

Prerequisite: Culinary Arts 10

Students continue to run the school cafeteria and gain professional cooking experience. They take on greater responsibility in food preparation and will gain a working knowledge of all aspects of the teaching kitchen. Content includes culinary best practices, principles of cooking and operational procedures, artistic elements of the culinary arts, and dietary restrictions and food allergies. Students receive 30 hours of work experience. Student evaluation for this course is based mostly on hands-on practical work.

CULINARY ARTS 12 (FORMERLY KNOWN AS PROFESSIONAL COOK'S TRAINING)

MCKT-2A-4S

Credits: 4

Prerequisite: Culinary Arts 11

Students continue to run the school cafeteria and gain professional cooking experience. They take on greater responsibility in food preparation and menu planning. Content includes methods and principles for seasoning and presentation, characteristics and properties of culinary ingredients, menu design and ethnic and multicultural cuisine. Students receive 30 hours of work experience. Student evaluation for this course is based mostly on hands-on practical work.

FOOD STUDIES

FOOD STUDIES INTRO (Food Studies 11)

MFOOD11-4S

Credits: 4

Prerequisite: None

This course gives students the opportunity to prepare a variety of exciting dishes while learning new techniques and trying new foods. Students will develop a set of skills that will allow them to safely prepare food for themselves, their friends and family. Skills acquired in this class also transfer well to the workplace. Our many design challenges and cooking competitions enable students to put their new cooking skills on display. Commonly made recipes include Fettuccini Alfredo, Sushi, Perogies and a variety of baked goods.

FOOD STUDIES ADVANCED (Food Studies 12)

MFOOD12-4S

Credits: 4

Prerequisite: Food Studies Intro

This is a course for the cooking enthusiast who is eager to become skilled in international and gourmet cuisine. This hands-on applied skills course provides an advanced study of food preparation and builds on skills learned in the Introductory foods course. Learn to budget, shop and cook healthy meals for yourself and family members. Explore advanced techniques such as preservation, poultry processing, pasta making, cooking without a recipe and much more. Multiple design challenges and competitions allow you to put your skills to the test to create unique and delicious meals. Do not leave school without it!



HOME ECONOMICS COURSE OPTIONS

HUMAN SERVICES

CHILD DEVELOPMENT AND CAREGIVING 11 (Interpersonal and Family Relationships 11)

MIAFR11-4S

Credits: 4

Prerequisite: None

This course is an excellent introduction for any person interested in working in the field of early childhood education, daycare, preschool, kindergarten, elementary education or other childcare services. This course will explore personal relationships, healthy and unhealthy relationships, the role of families in society, puberty, STIs, contraception, conception, birth, infant development and the social, emotional, intellectual and physical development and the social, intellectual and physical development of children from birth to age three. It will also explore the role of play and the importance of nutrition. The format of this class includes group discussions, sharing of ideas, as well as individual and group projects.

CHILD DEVELOPMENT AND CAREGIVING 12

MCDAC12-4S

Credits: 4

Prerequisite: Childcare Development and Caregiving 11

This course is a continuation for any person interested in working in the field of early childhood education, daycare, preschool, kindergarten, elementary education or other childcare services. Students will plan, operate and teach the Rutland Senior Playschool with children enrolled from the community. Discussion and teaching will focus on the social, emotional, intellectual and physical development of children 3-12 years of age. It will also cover the role of play, nutritional needs, feeding practices, caregiving, childcare options and community resources. This course is a unique hands-on experience and a great starting point for those interested in working with young children. Students can receive up to 30 hours of work experience in the playschool and must give consent to a criminal record check done in order to participate in the course.

TEXTILE STUDIES

FASHION & SEWING INTRODUCTION (Textiles 10)

MTXT-10-4S

Credits: 4

Prerequisite: None

This hands-on applied skills course introduces students to the sewing room equipment, various types of fabric, basic pattern alterations and intermediate sewing construction techniques. Students will explore the cultural, environmental, ethical impacts of fashion. Emphasis is on designing and creating garments for fun, fit and fashion. Students will sew individual projects that vary depending on the year. When available, students will complete a baby quilt that will be donated to the KGH neonatal unit. The course culminates with a design challenge. Students may also have the opportunity to choose personal sewing projects. When available, all sewing classes are invited to attend our spring field trip to Vancouver for a fashion show.

FASHION & SEWING INTERMEDIATE (Textiles 11)

MTXT-11-4S

Credits: 4

Prerequisite: Fashion & Sewing Intro

This applied skills course is a more advanced clothing construction course. Students will create more difficult and detailed garments such as collared shirts, jackets, dresses, pants, bags, board shorts and skirts. Students learn the basics of pattern drafting and dive deeper into pattern manipulations such as learning to draft basic patterns. Through the applied skills design process they will then create unique garments for themselves or someone else. In this course we also explore textile and clothing choice, evaluating the various environmental, ethical, cultural and functional factors that affect these choices. An upcycling project provides another fun design opportunity for students as they repurpose a textile item. All sewing classes are invited to attend our spring field trip to Vancouver for a fashion show.

HOME ECONOMICS COURSE OPTIONS

TEXTILE STUDIES

FASHION AND SEWING ADVANCED (Textiles 12)

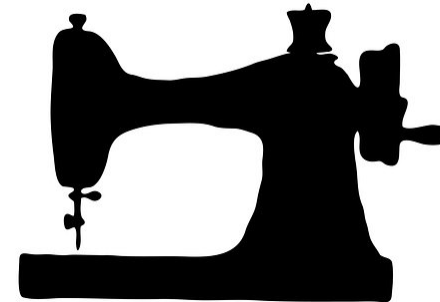
MTXT-12-4S

Credits: 4

Prerequisite: Fashion & Sewing 11

This applied skills course explores complex garment designs through pattern drafting and manipulation as well as textile manipulation techniques. This course is intended for students wishing to pursue a career in the fashion industry or the passionate home sewist. Through the applied design framework students may explore the process of creating a garment or fashion line by forecasting, drafting, prototyping, producing and marketing their designs. They will also consider historical, cultural, environmental and social factors and influence the design process. Students can design and make a variety of garments including swimsuits, blazers, prom dresses, formal wear and more.

This is an advanced course in sewing construction and as such, students should be familiar with the use of sewing room equipment. When available, all sewing classes are invited to attend our spring field trip to Vancouver for a fashion show.



FASHION INDUSTRY: INDEPENDENT STUDY (Fashion Industry 12)

MFIND12-4S

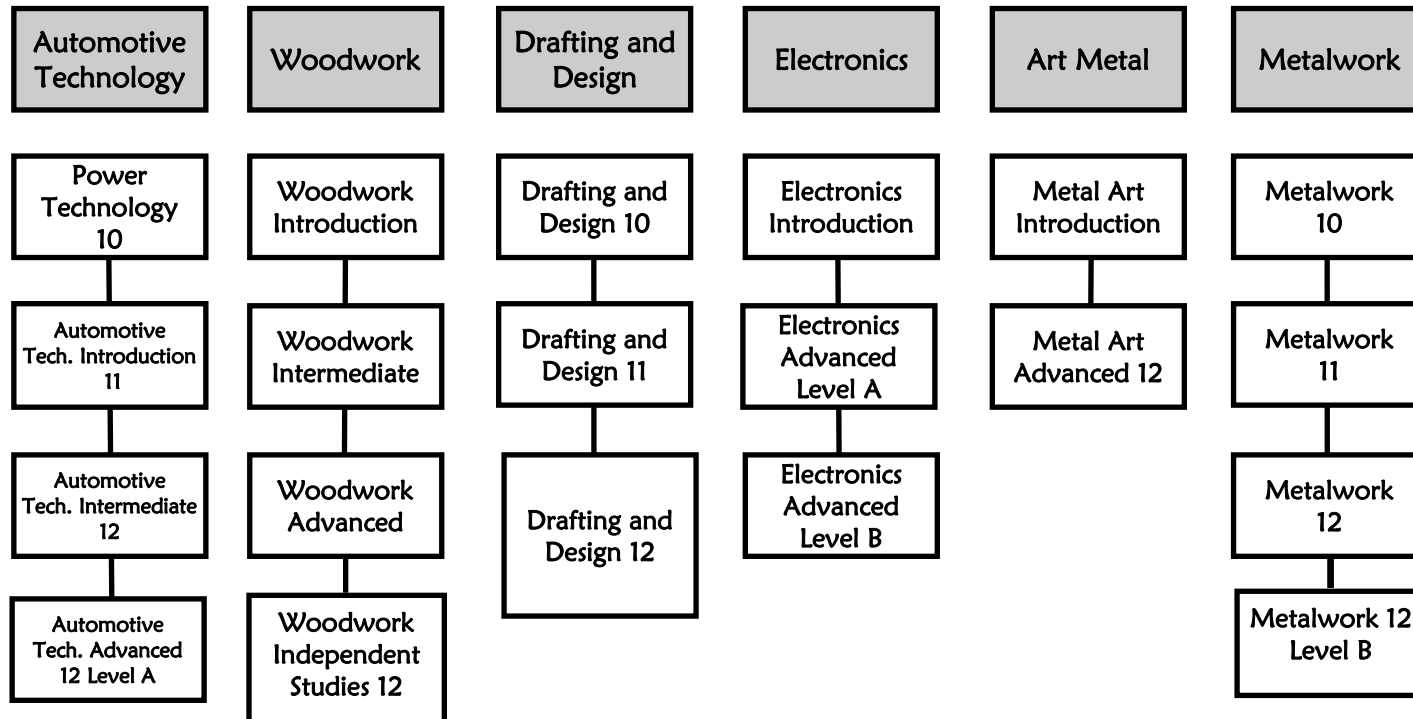
Credits: 4

Prerequisite: Fashion & Sewing 10

The fashion industry offers many diverse opportunities of employment. This course is intended for students wishing to pursue a career in the fashion industry or for students who are looking to take their fashion and sewing knowledge to the next level. This **self directed** course allows students to explore passions in fashion and sewing by developing their own projects and researching topics of interest. Students are expected to challenge themselves, increase their sewing skills sets and expand their knowledge of the fashion industry. This course is offered within the advanced sewing block where the sewing teacher will provide oversight, direction, and support. This is an advanced course in sewing construction and as such, students should be familiar with the use of sewing room equipment. When available, all sewing classes are invited to attend our spring field trip to Vancouver for a fashion show.



TECHNOLOGY EDUCATION



AUTOMOTIVE TECHNOLOGY / WOOD WORK TECHNOLOGY

POWER TECHNOLOGY 10

MTPOW10-4S

Credits: 4

Prerequisite: None

This is an introductory power tech course in which the student will learn about the following topics: shop safety, hand tools and power tools specific to mechanical repair and maintenance, torques and tolerances for specific operations, fasteners and fittings, internal and external combustion, components of a combustion engine, non-fuel power systems, disassembly and assembly sequences, engine terminology, lubrication and antifriction, hydraulic and pneumatic systems, energy transmission and conversion systems, technologies that reduce energy use and waste, historical and potential future impact of energy, power, and transportation systems on society and the environment, alternate energy sources. The focus of this course will be for the student to learn how to tear down, inspect, and rebuild both two and four stroke motors.

AUTOMOTIVE TECHNOLOGY INTRO 11

MTAUT11-4S

Credits: 4

Prerequisite: Power Technology

This is an Intro automotive course in which the student will learn about the following topics: Shop safety, simple automotive repair and maintenance, social, legal, and ethical responsibilities associated with vehicle operation, use of technical information and manuals for the purpose of diagnostics and repair, fundamental automotive tools and equipment, lifting equipment and procedures, chassis and body, engine diagnostic support systems, emerging and alternative energy sources used to power automotive vehicles, fundamentals of engine operation, vehicle systems, vehicle safety systems, design for the life cycle

AUTOMOTIVE TECH, INTERMEDIATE 12

MTAUT12-4S

Credits: 4

Prerequisite: Automotive Technology Intro

This is a more advanced automotive course in which the students learn theory and shop practices in complex automotive repair and maintenance, vehicle inspection standards, advanced automotive tools and equipment, engine and vehicle modifications, vehicle diagnostic and assessment methods, transmission and gearing functions, electrical and control systems, mechanical systems, fuel systems, serviceability, overhaul, and repair, design for the life cycle, career options and opportunities in automotive technology, interpersonal skills for interacting with clients and customers.

Note: For these courses, regular attendance is required as these are practical, "hands-on" courses where homework is not assigned.

AUTOMOTIVE TECH, ADVANCED LEVEL A,B,C 12

MTEAD12-4S

Credits: 4

Prerequisite: Automotive Tech, Intermediate 12

This course will provide a more in depth look at engine design, repair, and maintenance, valve timing, operation, and adjustment, compression ratios, ignition timing and adjustment, intake and exhaust performance, enhancement, and fabrication, fuel systems, braking systems, automatic and manual transmissions, wheel size, specification, and function, suspension systems, relationship between performance enhancements and original equipment manufacturer (OEM) parts, engine-related **diagnostic equipment**, hybrid and alternative fuel vehicles, design for the life cycle, career options and opportunities in engine design and repair, **interpersonal skills** for interacting with clients and customers

WOODWORK TECHNOLOGY

WOODWORK INTRO

MWWK-10-4S

Credits: 4

This is an introductory hands-on course focusing on the fundamentals of woodworking, joinery, and wood-based crafting. Students will learn how to turn rough lumber into precisely built projects such as boxes, small furniture, and arts & crafts project using power tools, machinery, and hand tools. Other topics include safety, hand carving, identifying wood types, wood turning on the lathe, wood burning, and introductory skills for designing woodworking projects. This course should be taken by any student interested in woodworking and is highly recommended prior to enrolling in intermediate or advanced woodworking courses.

WOODWORK INTERMEDIATE 11

MWWK-11-4S

Credits: 4

Prerequisite: Woodwork Intro

This course builds on the fundamental skills gained through the woodwork intro course. Students will learn more advanced joinery, assembly, and planning skills to produce high quality woodworking products. After completing introductory project(s) students in this course will have the opportunity to build more personalized and complex woodworking projects. Some techniques/skills learned in this course may include epoxy work, advanced wood lathe turning, tool sharpening, and using routers. Students wanting to excel in this course will need to be able to measure, break-out stock, have good self-initiative, have good understanding of safe woodworking skills and be comfortable researching and drawing out rough plans for their proposed projects.

WOODWORK /DRAFTING

WOODWORK 12 (ADVANCED) *MWWK-12-4S-WW* Credits: 4

Prerequisite: Woodwork Intro

This course is recommended for students who have successfully completed prior woodworking courses and are looking to continue growing in their skills and abilities. This course is student-centered and is a hands-on learning experience; 15% formal instruction and 85% independent working time with support from instructor as needed for specialized setups and complex projects. Students will be provided opportunities to learn and use CNC technology, use spray guns to achieve high end finishes on projects, gain more skills in wood turning on lathes, and pursue the completion of larger scale projects such as beds, dressers, desks, tables, and chairs. Other explorable topics or areas in this course include veneering, Japanese style interlocking joinery, steam bending, ski/snowboard/skateboard construction, Kumiko, and much more.

DRAFTING AND DESIGN

DRAFTING AND DESIGN 10 (MTDRF10-4S) Credits: 4

This course explores the elements and techniques used for sketching, designing, modeling, and problem solving. We will be creating 3D parts, 3D printing, virtual houses, and other digital projects. This course is designed for students interested in engineering, interior design, architecture, carpentry, steel fabricator, cabinet maker, and much more. Software such as Fusion 360, AutoCAD, Revit, Sketchup, and Unity will be used.

DRAFTING AND DESIGN 11 (MTDRF11-4) Credits: 4

Prerequisite: None

If this is your 1st year in the course: This course explores the elements and techniques used for sketching, designing, modeling, and problem solving. We will be creating 3D parts, 3D printing, virtual houses, and other digital projects. This course is designed for students interested in engineering, interior design, architecture, carpentry, steel fabricator, cabinet maker, and much more. Software such as Fusion 360, AutoCAD, Revit, Sketchup, and Unity will be used.

If this is the 2nd year in course: This intermediate course will build on the skills learned in Drafting and Design 10. Students will create more complex projects with the programs previously introduced.

DRAFTING AND DESIGN 12 (MTDRF12-4S) Credits: 4

If this is your 1st year in the course: This course explores the elements and techniques used for sketching, designing, modeling, and problem solving. We will be creating 3D parts, 3D printing, virtual houses, and other digital projects. This course is designed for students interested in engineering, interior design, architecture, carpentry, steel fabricator, cabinet maker, and much more. Software such as Fusion 360, AutoCAD, Revit, Sketchup, and Unity will be used.

If this is the 2nd year in course: This intermediate course will build on the skills learned in Drafting and Design 10. Students will create more complex projects with the programs previously introduced.

If this is your 3rd year in course: This course is a continuation of Drafting 11. Drafting theory covered in the previous course will be reviewed and expanded. Students will also be able to specialize their learning in a particular field of interest such as Mechanical, Civil, etc.

ELECTRONICS

ELECTRONICS INTRO

MTELE11-4S

Credits: 4

Prerequisite: None

Learning standards organized conceptually that will address: Designing simple circuits, understanding schematic drawings and construction sequences. Safe use of hand tools and stationary equipment. Social, ethical, and sustainability considerations. The sequencing of skills and use of different technologies and tools at different stages of the production process. Introduction to Ohm's law, electrical theory, electrical measurement, use of diagnostic and testing equipment. Project work will support Curricular Competency Development. A framework for curricular competencies has been established into 3 areas using a design / thinking / model approach. A residential house wiring component is also included.

ELECTRONICS (ADVANCED) LEVEL A

MTELE12-4S

Credits: 4

Prerequisite: Electronics Intro

This course is a continuation of Electronics Intro. Content is arranged into ten learning standards organized conceptually to address: circuit design and construction, designs for life, manufacturing processes, identifying electrical hazards, testing instruments, isolating problems and implementing solutions in circuit construction. There will be a focus on circuit board manufacturing, advanced diagnostic and testing instruments. Students will gain competencies in Prototyping, Making, Testing and Sharing their projects. Student are encouraged to design their own projects. Electrical appliance repair is also included.

ELECTRONICS (ADVANCED) LEVEL B

MTELE12-4S

Credits: 4

Prerequisite: Electronics Level A

This course is a continuation of Electronics Advanced A: Content is arranged and organized conceptually to address: complex circuit design and construction, manufacturing processes, identifying electrical hazards, testing instruments, isolating problems and implementing solutions in circuit construction. Emphasis on Ohm's law, Watt's law, and Kirchoff's law. There will be a focus on complex circuit board manufacturing, advanced diagnostic and testing instruments. Students will gain competencies in Prototyping, Making, Testing and Sharing their projects. Student are encouraged to design their own projects. Electrical appliance repair is also included.

METAL ART/METAL FABRICATION

METAL ART INTRO

YIA—1B-4S

Credits: 4

Prerequisite: None

This hands-on course places an emphasis on student-designed jewelry where student creativity is encouraged. Students will learn how to make a silver ring using the lost wax casting method. Students will also use a variety of metal forming and joining techniques to create projects of their own design. A variety of metals are used including silver, copper, brass, and stainless steel. Tentative projects include stained glass ornament, steel action scene, chain mail, silver casting, metal flowers, a glass bead necklace, and others. We will look at self and society related to metalwork, and also personal and interpersonal management during class time.

METAL ART ADVANCED

MTAMJ12-4S

Credits: 4

Prerequisite: Metal Art Intro

This course has a more in depth outlook on the skills learned in Metal Art Intro. Students will be working with 3D stained glass figures, copper enameling, semi-precious stone setting, themed mobile, glass mosaics, silver chain necklaces and more. We will cover role of art metal in society. Blueprint development is also covered.

METALWORK 10

MTMET10-4S

Credits: 4

Prerequisite: None

This course is designed to introduce the student to intermediate metalwork. Students will learn about safety in the workshop, preparation of materials, characteristics of metals and use of all machines. Concepts that will be covered by hands on construction of introductory projects are: welding, forging, machining and various techniques of joining and cutting metal.

METAL FABRICATION

METALWORK 11

MTMET11-4S

Credits: 4

Prerequisite: Metalwork 11

This course is designed to introduce the student to senior metalwork. Students will learn about safety in the workshop, preparation of materials, characteristics of metals and use of all machines. Concepts that will be covered by hands on construction of introductory projects are: welding, forging, machining and various techniques of joining and cutting metal. After the introductory projects students may undertake projects of their own choosing and design, which will use specialized machines. Consideration of social, ethical and environmental impacts, will also be covered.

METALWORK 12

MTMET12-4S

Credits: 4

Prerequisite: Metalwork 11

Students will learn about safety in the workshop, preparation of materials, characteristics of metals and use of all machines. Concepts that will be covered by hands on construction of introductory projects are welding: including SMAW, MIG, OXY Acetylene, cutting, brazing, forging, pattern design and layout. After the introductory projects students may undertake projects of their own choosing and design. This process will involve, prototyping, testing, and building of higher level projects.

METALWORK 12 LEVEL B

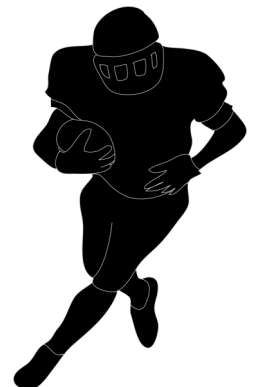
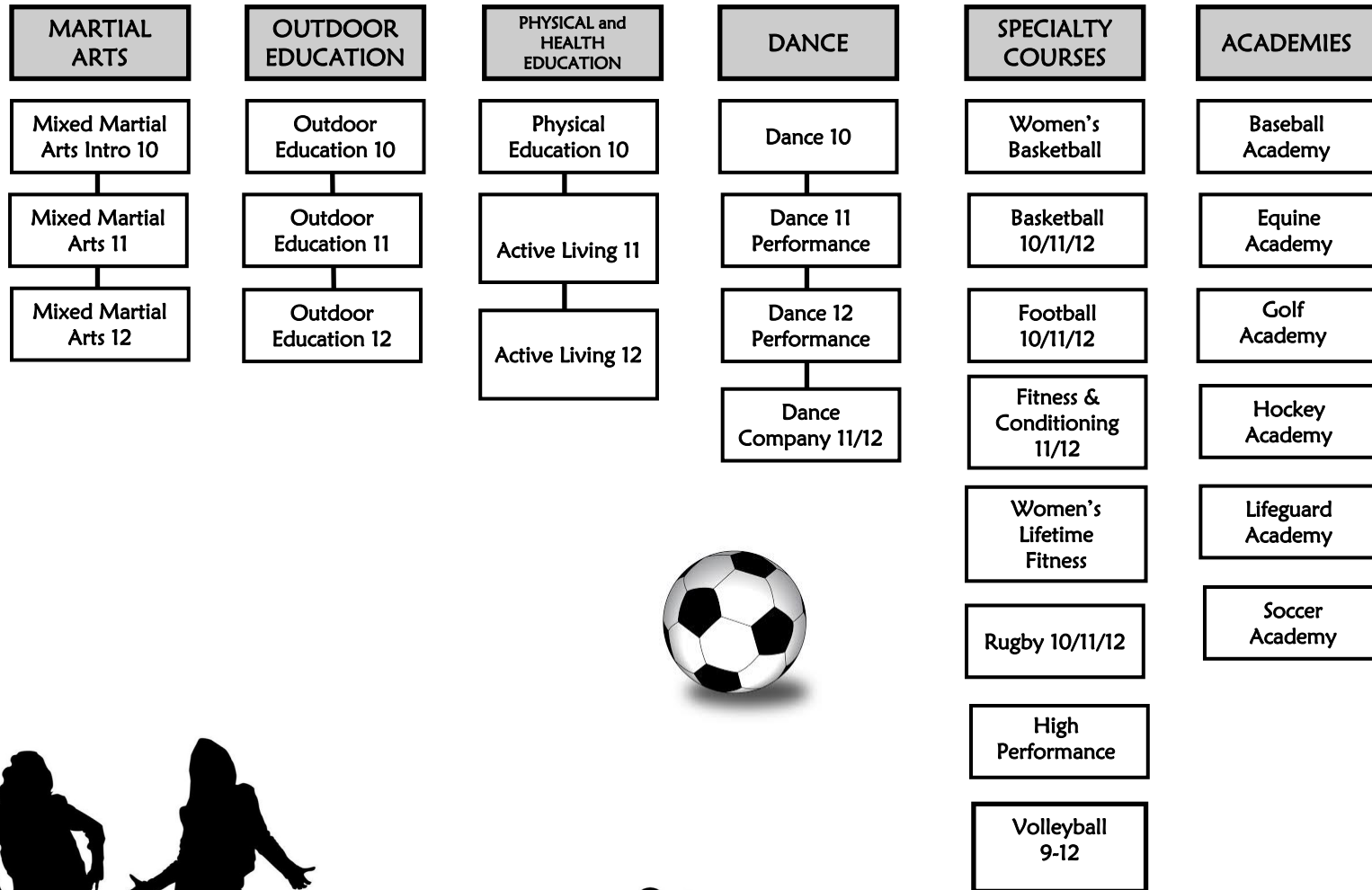
YIA—2A-4S-4S

Credits: 4

Prerequisite: Metalwork Level A

This is a Metal fabrication course that will include concepts covered in Metal Fabrication and Machining Level A, but will place more emphasis on SMAW, MIG, and TIG welding as well as plasma and torch cutting. This will require, complex metalworking, and design, specialization of hands on skills, and appropriate cultural considerations in the design process.

PHYSICAL AND HEALTH EDUCATION



PHYSICAL AND HEALTH EDUCATION COURSE OPTIONS

Physical and Health Education 10 is a required course for graduation and in alignment with the BC Ministry of Education's Redesigned Curriculum, students will be able to gain their Physical and Health Education 10 by successfully completing any one of the following courses:

Physical and Health Education 10, Mixed Martial Arts Intro, Dance 10, Football 10, Soccer 10, Baseball 10, Basketball 10

MARTIAL ARTS

MIXED MARTIAL ARTS INTRO 10

MPHED10-4S-MA Credits: 4

Prerequisite: None

This course has been developed to introduce students to mixed martial arts and a practical system of personal self-defence. This course is broken down into 4 areas of study: **Boxing, Brazilian Jiu-Jitsu, Japanese Jiu-Jitsu, and weight training.** Along with developing life skills, MMA Intro will improve your cardiovascular fitness and muscular fitness.

MIXED MARTIAL ARTS 11

YLRA-1E-4S Credits: 4

Prerequisite: PE 10 and Teacher recommendation. MMA Intro preferred

This course continues to develop students mixed martial arts ability as a practical system of personal self-defence. This course is broken down into 4 areas of study: **Boxing, Brazilian Jiu-Jitsu, Japanese Jiu-Jitsu, and weight training.** Along with developing life skills, MMA 11 will improve your cardiovascular fitness and muscular fitness.

MIXED MARTIAL ARTS 12

YLRA-2E-4S Credits: 4

Prerequisite: MMA11, PE10, PE11

This course continues to develop students mixed martial arts ability as a practical system of personal self-defence. This course is broken down into 4 areas of study: **Boxing, Brazilian Jiu-Jitsu, Japanese Jiu-Jitsu, and weight training.** Along with developing life skills, MMA12 offers the opportunity to earn another belt if the student completed MMA11.

OUTDOOR EDUCATION

OUTDOOR EDUCATION 10

MPHED10-4S-O

Credits: 4

Prerequisite: None

This program is for students who like to get out and enjoy the outdoors. Activities include: hiking, snowshoeing, rock climbing, backpacking, camping and other related activities. Students will learn outdoor survival skills and navigation principles such as GPS and compass skills. There will be multi-day trips offered as well.

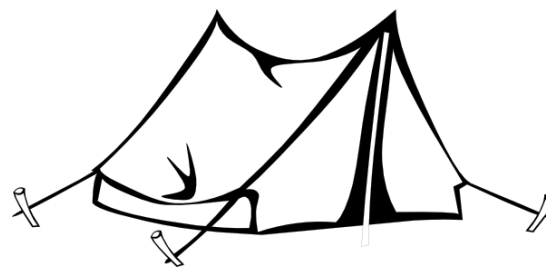
OUTDOOR EDUCATION 11/12

MODED11-4S / MODED12-4S

Credits: 4

Prerequisite: None

This program is structured for students that wish to emphasize the "outdoor" component of physical education. Activities include backpacking, hiking, rock climbing, x-country skiing, snowshoeing, camping and other activities pertaining to the outdoors. Some of these activities are structured into multi-day trips, which are optional.



PHYSICAL AND HEALTH EDUCATION

PHYSICAL and HEALTH EDUCATION 10

MPHED10-4S

Credits: 4

Prerequisite: PE 9

This course is based upon two primary focuses. The first focus is that of physical literacy movements in a variety of environments with major themes including fair play and social responsibility. The second focus will be on healthy and active living, getting students to consider potential barriers, as well as, options to maintain an active lifestyle. A variety of minor games, traditional games and field trips will make up the majority of the class.

ACTIVE LIVING 11 (Lifetime Sports)

MACLV11-4S

Credits: 4

Prerequisite: H&E 10 or a previous Physical Education equivalent

Active Living 11/12 is a dynamic course fostering a lifelong health commitment. Students engage in a variety of physical activities and games to enhance fitness. The curriculum includes sports, recreation, and outdoor experiences to develop skills and teamwork. Encouraging a lasting commitment to physical activity, the course emphasizes ongoing self-assessment through games and fitness. Students in this course will also go on a variety of field studies to help support connections to the community through physical fitness. There will be a course fee attached to help facilitate the cost of these field trips. Active Living 11/12 instills personal and social responsibility and promotes goal-setting to help sustain lifelong healthy habits.

ACTIVE LIVING 12 (Lifetime Sports)

MACLV12-4S

Credits: 4

Prerequisite: AL11

Active Living 11/12 is a dynamic course fostering a lifelong health commitment. Students engage in a variety of physical activities and games to enhance fitness. The curriculum includes sports, recreation, and outdoor experiences to develop skills and teamwork. Encouraging a lasting commitment to physical activity, the course emphasizes ongoing self-assessment through games and fitness. Students in this course will also go on a variety of field studies to help support connections to the community through physical fitness. There will be a course fee attached to help facilitate the cost of these field trips. Active Living 11/12 instills personal and social responsibility and promotes goal-setting to help sustain lifelong healthy habits.



DANCE

DANCE 10

MPHED10-4S-D

Credits: 4

Prerequisite: None

This course is designed to build the skills and attitudes necessary for a healthy and active lifestyle through a combination of fitness, dance and performance. Students will increase their fitness and strength while learning training techniques and principles that will help them remain active throughout their lifetime. In addition, students will develop skills in a variety of dance styles that will culminate in full dance pieces to be performed for an audience at the semester-end show. Students will also learn strategies to manage mental health and build healthy relationships. Dance 10 will be a continuation of the skills covered in Dance 9. It is recommended, but not required, that students complete Dance 9 prior to enrolling in Dance 10.

DANCE 11 – Technique and Performance

MDNTP11-4S

Credits: 4

Prerequisite: None

This course is structured for students who wish to experience a variety of dance styles and genres from historical and contemporary cultures. Students will explore the relationship between body conditioning and somatic approaches to technical and expressive skills in dance as well as demonstrate kinaesthetic awareness of dance elements and techniques. All students will participate in a semester end show. *Please note that it is recommended that students wishing to take this course have completed Dance 10.*

DANCE 12 – Technique and Performance

MDNTP12-4S

Credits: 4

Prerequisite: None

This course is structured for students who wish to experience a variety of dance styles and genres through the exploration of various contexts, periods and cultures. Students will develop an articulate and expressive movement quality through anatomically and developmentally sound principles. Students will explore movement, sound, image, and form to convey meaning in dance. All students will participate in a semester end show. *Please note that it is recommended that students wishing to take this course have completed Dance 11.*

DANCE COMPANY 11/12 – (Formerly called Dance Choreography)

MDNCM11-4S / MDNCM12-4S

Credits: 4

Prerequisite: Teacher Recommendation

This course is designed for the advanced dancer (a dancer who has accelerated in the school's program or actively dances outside of school). A dancer in this course must be able to properly execute fundamental dance techniques in a variety of genres of dance in order to keep up with the pace of the course. Students will create, rehearse, refine, and perform choreographic works for a variety of purposes and contexts while refining an articulate body as an instrument of expression. This course is not available for student self-selection. If interested, please see the dance department for further information.

SPECIALTY COURSES

BASKETBALL AND TRAINING 10

MPHED10-4S-BB **Credits: 4**

Prerequisite: None

This course is designed to develop basketball skills while maintaining overall physical literacy. As much as 50% of the class will be dedicated to fitness and regular PE activities. The basketball portion will include ball handling, shooting and playing a variety of games (3 vs 3, 4 vs 4, etc.....).

BASKETBALL AND TRAINING 11

YLRA-1G-4S **Credits: 4**

Prerequisite: Basketball and Training 10

This course will focus on individual skill development and basketball specific fitness exercises. Emphasis will be placed on fundamentals such as ball handling, shooting, defense, and court awareness. Workouts will be geared towards pre-season, in-season and post-season. Knowledge of basketball specific training and basketball methodology, along with the role that basketball can play in maintaining a healthy lifestyle completes the course.

BASKETBALL AND TRAINING 12

YLRA-2G-42 **Credits: 4**

Prerequisite: Basketball and Training 10

This course will focus on individual skill development and basketball specific fitness exercises. Emphasis will be placed on fundamentals such as ball handling, shooting, defense, and court awareness. Workouts will be geared towards pre-season, in-season and post-season. Knowledge of basketball specific training and basketball methodology, along with the role that basketball can play in maintaining a healthy lifestyle completes the course.

FOOTBALL 10

MPHED10-4S-FB **Credits: 4**

Prerequisite: None

Football Intro is an introduction to the games of Canadian and American football including football theory, techniques and training both in and off season. Students will learn the rules of the Canadian and American games (with an emphasis on the high school levels) as well as offensive, defensive and special team strategies. Students will learn how to use personal equipment and be instructed in a safe use of that equipment during technical drills. Students will participate in contact and non-contact drills and scrimmages. In addition to theory, students will learn proper technique for blocking, tackling, throwing, catching and kicking. Practice of both individual and team skills will be incorporated into lessons.

FOOTBALL 11

YLRA-1F-4S **Credits: 4**

Prerequisite: None

Football 11 is an continuation of the games of Canadian and American football including football theory, techniques and training both in and off season. Students will learn the rules of the Canadian and American games (with an emphasis on the high school levels) as well as offensive, defensive and special team strategies. Students will learn how to use personal equipment and be instructed in a safe use of that equipment during technical drills. Students will participate in contact and non-contact drills and scrimmages. In addition to theory, students will learn proper technique for blocking, tackling, throwing, catching and kicking. Practice of both individual and team skills will be incorporated into lessons.

FOOTBALL 12

YLRA-2F-4S **Credits: 4**

Prerequisite: None

Football 12 is a place to further your athletic ability, strength and conditioning, as well as football understanding. Position-specific strategies will allow students to extend their individual focus. We will make use of the dome, weight room, and film analysis. All facilities and equipment will be provided by the school except for cleats. Previous football experience is an asset but is not necessary.

WOMEN'S BASKETBALL

YLRA-1G-42S-W/YLRA-2G-4S-W **Credits: 4**

Prerequisite: None

A course that focuses on the skill and mental development in basketball. At the center of the course will be decision making in the flow of the game and working on basketball instincts. There will also be a component on building knowledge of the game and linking that to different offence and defensive strategies. At the heart of the course will be a fostering of the love and fun of the game of basketball and long term goals of activity and fitness for personal health.

SPECIALTY COURSES / ACADEMIES

FITNESS & CONDITIONING 11

MFTCD11-4S

Credits: 4

Prerequisite: None

This program is structured for students/athletes that wish to pursue the fitness, weight training, and conditioning component of physical education. The focus will be on sport/activity specific training and various training methods that will contribute to overall physical and mental development while acquiring the knowledge, skills, and attitudes to enhance quality of life and develop the methods of fitness instruction.

FITNESS & CONDITIONING 12

MFTCD12-4S

Credits: 4

Prerequisite: None

This program is structured for students /athletes that wish to pursue the fitness, weight training and conditioning component of physical education. The focus will be on sport/activity specific training and various training methods that will contribute to overall physical and mental development while acquiring the knowledge, skills and attitudes that will enhance quality of life as well as exposure to a rapidly increasing career field. Human Performance 11 is not required.

WOMEN'S FITNESS AND RECREATIONAL ACTIVITIES

MACLV11-4S-WF / MACLV12-4S-WF

Credits: 4

Prerequisite: None

This course is designed for females who want to improve their physical fitness and remain physically active in an all girls environment. Class activities will be chosen and implemented by students based on their choices and preferences. Activities can range from individual activities (yoga, circuit training, badminton) to cooperative games (volleyball, badminton, PE minor games). Students will engage in a variety of workouts to learn how to stay physically active for life. The class will also include a variety of field trips chosen by the students based on interest (bowling, hiking, YMCA). Healthy lifestyle choices, nutrition and ways to improve overall mental wellness will be also be discussed.

RUGBY 10/11/12

MACLV11-4S-R

Credits: 4

Prerequisite: None

Rugby 10/11/12 will help students to develop rugby skills, sense, and strategies. Skills will include learning how to pass, kick, catch, ruck, tackle, maul, scrum, and perform lineouts in various game situations and at game speed. Students will learn about and participate in the fitness training, nutrition analysis, and mental preparation necessary to be successful in Rugby. Also, students will have the opportunity to get their basic first aid certification and to learn about taping basic athletic injuries, to get their Rugby

Referee Certification, and/or Level 1 Rugby Coaching Certification. Please note that rugby is a contact sport and students will be expected to participate in controlled contact drills and, once deemed competent and safe, in full contact scrimmages. This course is open to beginners and all genders.

VOLLEYBALL AND TRAINING 10

MPHED-4S-10-VB

Credits: 4

Prerequisite: None

This course is designed to advance volleyball skills while continuing to develop physical literacy. As much as 50% of the class will be dedicated to fitness and regular PE activities. The volleyball portion will include skill development, drills, and running various game scenarios.

VOLLEYBALL AND TRAINING 11

YLRA-1H-4S

Credits: 4

Prerequisite: Volleyball and Training 10

This course will focus on individual skill development and volleyball specific fitness. Emphasis will be placed on fundamentals such as serving, ball-handling, rotation, and defensive positioning. The philosophy of this program will be built off of the Long Term Athlete Development Model used by Volleyball Canada. We will strive for excellence while supporting the development of physical literacy and empowering people to be active for life.

VOLLEYBALL AND TRAINING 12

YLRA-2K-4S

Credits: 4

Prerequisite: Volleyball and Training 10

This course will focus on individual skill development and volleyball specific fitness. Emphasis will be placed on fundamentals such as serving, ball-handling, rotation, and defensive positioning. The philosophy of this program will be built off of the Long Term Athlete Development Model used by Volleyball Canada. We will strive for excellence while supporting the development of physical literacy and empowering people to be active for life.

SPECIALTY COURSES / ACADEMIES

SOCCER ACADEMY

MPHED10-4S-SO/ YLRA-1C-4S / YLRA-2C-4S

Credits: 4

Students enrolled in SD No. 23 have a unique opportunity to participate in a program that allows them to develop and improve their soccer skills.

The soccer program is intended to provide students with an opportunity to train at a high level, enhancing their soccer skills. It will also allow the student-athletes to grow personally and learn what it takes to be a top level athlete.

This program will support the Ministry's desire to increase program flexibility for students with the new curriculum. An RSS teacher plus one-three certified soccer instructor(s) will be on the field for each session.

Students enrolling in the program will receive credit for physical education at their grade level.

The mandatory program fee for this academy program is \$425.00

Contact Mr. Balkenhol if you require any further information.

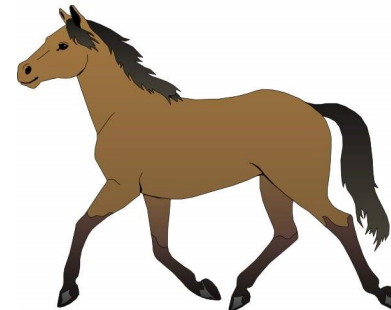


EQUINE ACADEMY

MPHED10-4S-EQ

Credits: 4

Do you have an interest in animals, a love or fascination with horses? Equine Learning is a learner established educational, experiential program facilitated within a group format and focuses on hands-on activities rather than horseback riding. More specifically, Equine Learning is a hands-on course, which promotes individual and/or group growth. Students participate in objectively driven exercises/activities with the animals and find themselves learning valuable life skills in a fun, safe and exciting atmosphere. In addition, students will learn about basic horse care and handling through this course. Equine Learning is useful, strong, positive, educational, and creative. An Equine Learning program highlights a curriculum of 12 weeks of contact with the horses and includes 15 + exercises of facilitating life skills through positively organized interaction with horses. This is a unique course, that you will not find elsewhere in schools! **The mandatory program fee for this academy program is \$600.00.**



SPECIALTY COURSES / ACADEMIES

BASEBALL ACADEMY



MPHED10-4S-BA/ YLRA-1D-4S / YLRA-2D-4S

Students enrolled in SD No. 23 have a unique opportunity to participate in a program that allows them to develop and improve their baseball skills and gain course credits. RSS Baseball Academy is based on a number of principles:

- Strictly supplementary to Minor Baseball
- To provide additional training for minor baseball and softball aged players
- Focused on individual skill development and academic achievement
- This program applies to any student, male or female.

The program will be taught through one semester. Each student selected into the program will be assisted in planning of course selection based on individual academic goals. Students will earn 4 course credits for participation in the RSS Baseball Academy. Instruction is provided through well trained instructors.

The program will run for 5 months beginning September. **The mandatory program fee for the academy is \$1200.**

Applications can be obtained from the program website at: <https://rssbaseballacademy.weebly.com/> or contact Chris Werry at chris.werry@sd23.bc.ca

HOCKEY CANADA SKILLS ACADEMY (HCSA)



MPHED10-4S-HO/ YLRA-1B-4S / YLRA-2B-4S

Students enrolled in SD No. 23 have a unique opportunity to participate in a program that allows them to develop and improve their hockey skills and gain course credits.

The Central Okanagan Hockey Academy is based on a number of principles:

- Strictly supplementary to Minor Hockey
- To provide additional training for minor hockey aged players
- Focused on individual skill development, offensive creativity, and academic achievement

This program applies to any student, male or female, who is registered in their local Minor Hockey Association. **The mandatory program fee for this academy is \$1170.00 per Semester** The RSS Hockey Academy will operate in First Semester (September through January), and (in Second Semester (February-June -if we have enough applicants and are able to secure ice) and the student will be eligible for 4 course credits per semester. Each student selected into the program will be assisted in planning of course selection based on individual academic goals.

Selected students will attend the at the closest available arenas and will receive instruction from fully qualified instructors.

Applications and full information can be obtained on the website <https://rsshcsa.weebly.com>

SPECIALTY COURSES / ACADEMIES

LIFEGUARD ACADEMY

LIFEGUARD ACADEMY

YLRA-10-4S

With this program students enrolled in sd23 have a unique opportunity to participate in a program that prepares them for transitioning from high school into the real world. In partnership with the YMCA of Kelowna the industry skills and certifications attained will enable them to begin working as a lifeguard immediately upon completion of the program.

This program supports the ministry's goal of providing personalized educational opportunities designed to increase student learning by exploring their individual interests and passions. The core competencies of the new curriculum are delivered each day as students are challenged with real world scenarios that develop the critical thinking, communication, and collaboration skills needed to succeed in college, university, and the workforce.

The certifications attained not only open doors to a rewarding career in lifeguarding but also provide prerequisite courses for firefighting, policing and nursing. Certifications include but are not limited to: Bronze Medallion and Cross, Standard First Aid, National Lifeguard, Lifesaving and YMCA Instructor certifications. An RSS teacher plus one YMCA certified lifeguard instructor will be working with the students throughout the certification process.

Students enrolling in the program will also gain three grade 11 and two grade 12 course credits upon completion. Each student selected into the program will be assisted in their individual course selection planning to ensure alignment with their academic goals. The **fee for this academy is \$325 for Pre-Lifeguarding 11 and \$375 for Pre-Lifeguarding 12** and allows students the opportunity to be hired as professional lifeguards right out of the program in the Kelowna area.

This program includes a 400m timed swim for full certification. Because of this students interested in applying will need to be able to complete a 100m uninterrupted swim as a prerequisite of application.

Applications can be obtained from the **RSS website or contact Allen McNabb at 250 870 5110 or allen.mcnabb@sd23.bc.ca**

HIGH PERFORMANCE PROGRAM

HIGH PERFORMANCE PROGRAM 9-12 (placement by Application)

The High Performance program provides elite level athletes and performers with a flexible, innovative school program to enhance academic achievement. This option provides structured support for students who are involved in high-level (provincial or national level) organized extra-curricular sports or performances that result in frequent absences from school. Students choosing this option must complete an application, attend an interview, and provide recommendations from a coach or instructor. Successful applicants will show a proven commitment to their studies, solid work ethic, willingness and the ability to work independently

GOLF ACADEMY

GOLF ACADEMY

YLRA-0A, YLRA-1A, YLRA-2A

Students enrolled in the Golf Learning Academy will develop a passion for active living through the sport of golf. The program is intended to provide students with the opportunity to be introduced to the sport, or to continue developing existing skills in golf. Students will be expected to play golf outside of school time, be positive role models and representatives of Rutland Senior Secondary School, Central Okanagan School District, and themselves. They will be encouraged to work/volunteer at local facilities involved in golf, and to mentor/assist younger or more inexperienced players.

The program will be taught in the second semester and take place between Rutland Senior Secondary and the Okanagan Golf Club. Students will receive 4 credits and instruction will be provided by certified Canadian Professional Golf Association (CPGA) instructors.

The program fee is **\$975**.

A membership to the Okanagan Golf Club is included with this fee.



LEADERSHIP



LEADERSHIP 10 / LEADERSHIP 11 / LEADERSHIP 12:

YCPA-OA-4L / YCPA-1A-4S / YCPA-2A-4S Credits: 4

Prerequisite: None

Do you want to make your days at RSS fun and exciting for you and all of your friends? If yes, then this is the course for you! Students in this course are expected to be actively involved in organizing and running school events and activities and/or supporting recreation and sporting events. Leadership is intended to be student driven – self motivation and independence is a must. Students will have input and offer new ideas to create school spirit. This class is a “get up and go do it” group that has the potential to create a very vibrant school environment. Students in the program will be expected to do some volunteer hours outside of class time. Some events that Leadership run include the Terry Fox Run, Hunger Games, Pep Rallies, Spirit Weeks, Intramurals, 12 Days of Giving, and many more. New event ideas and activities welcome!

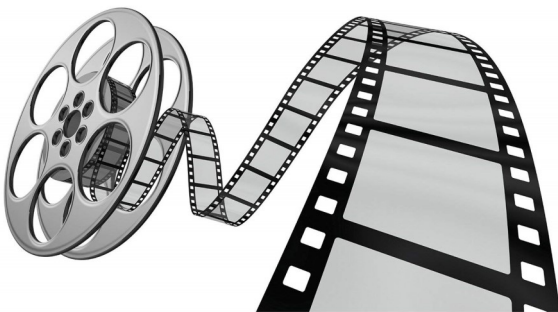
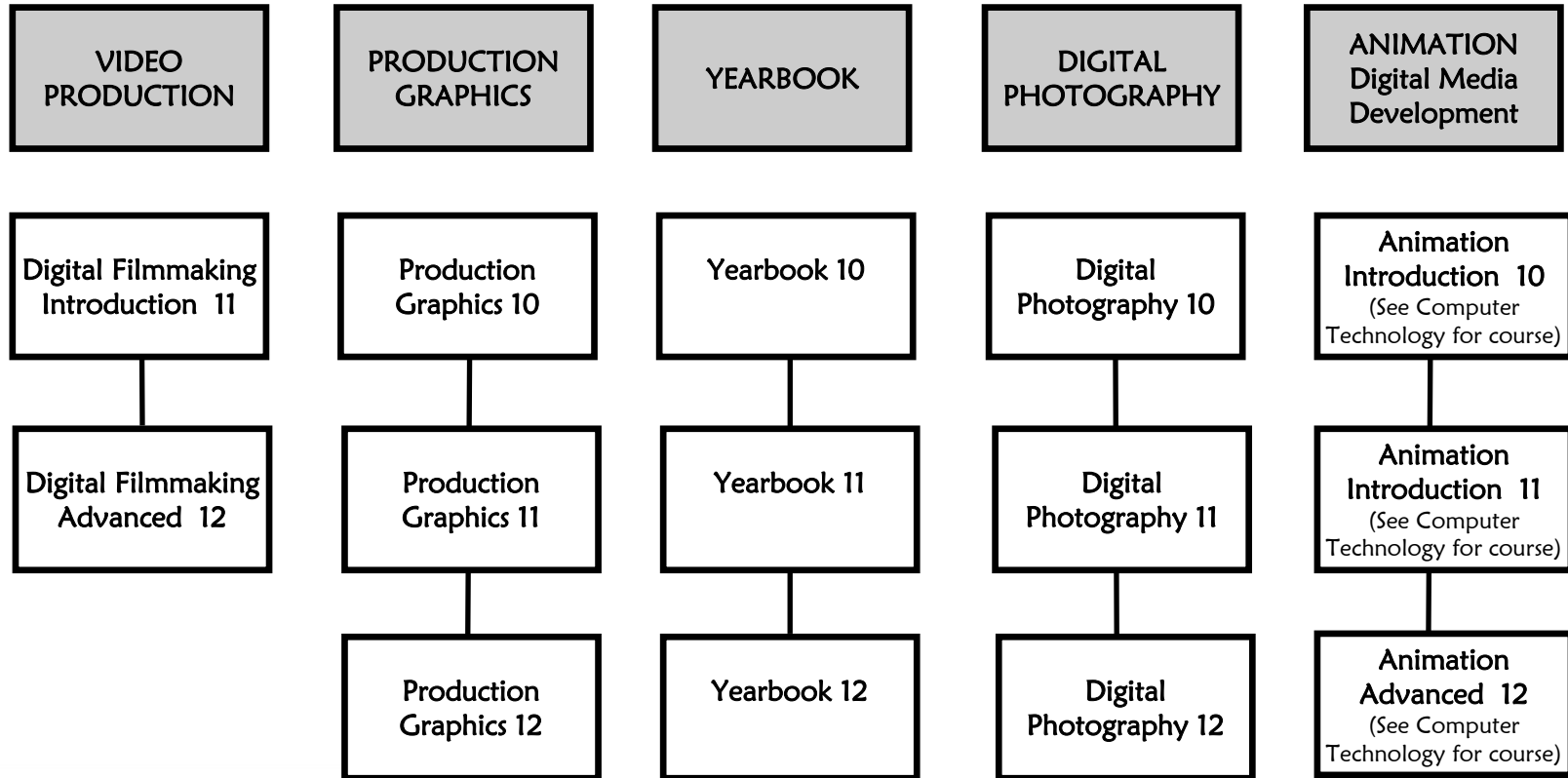
LEADERSHIP EXCELLENCE—Grades 10-12 (OUTSIDE THE TIMETABLE)

YCPA-OA-4L / YCPA-1A-4L / YCPA-2A-4L Credits: 4

Prerequisite: None

The Leadership Excellence program exposes students to a rich leadership education curriculum in order to develop the knowledge and skills to be exemplary leaders. Students will then be in a position to use these skills to excel as leaders in the areas they are passionate about. Student’s goals are to boost school spirit and culture through a variety of events, contests, and spirit activities. They will give back to the community through initiatives like the Terry Fox Run, 10 Days of Giving Christmas fundraiser, and others to be decided on by the class. This course is offered outside of the timetable and runs year long. Optimism, enthusiasm, empathy and kindness are all values in this course.

MEDIA PRODUCTION



MEDIA PRODUCTION

PRODUCTION GRAPHICS 10

MMEDD10-2T Credits: 4

Prerequisite: None

This course is an introduction to the exciting world of design with the opportunity to establish, reflect and refine your unique style as a designer! Explore designer/client relationships and build an understanding of print and digital graphics using design industry programs, Adobe Illustrator, Photoshop, and InDesign. You will gain the skill sets and have access to material to place your designs on products such as t-shirts, decals, posters, logos, and business cards.

PRODUCTION GRAPHICS 11

MGRPR11-4S Credits: 4

Prerequisite:

This course is an opportunity to explore the exciting world of design with a focus of building and refining your unique style as a designer! Explore designer/client relationships and further your understanding of print and digital graphics using design industry programs Adobe Illustrator, Photoshop, and InDesign. You will gain the skill sets and have access to material to place your designs on products such as t-shirts, decals, posters, logos, and business cards.

PRODUCTION GRAPHICS 12

MGRPR12-4S Credits: 4

Prerequisite: Production Graphics 11

Production Graphics 12 is an opportunity to expand, reflect and refine your knowledge of visual communications, the design process, and your role as a designer. Your design journey will take you through designer/client relationships, typography, imagery, branding, identity, and logo design while using design industry programs Adobe Photoshop, Illustrator, and InDesign. You will gain the skill sets and have access to material to place your designs on products such as t-shirts, decals, posters, logos, and business cards.

YEARBOOK 10

YCCT-0A-4L Credits: 4

Prerequisite: None

Note: Full Year/This course is outside of the timetable/OTT

Calling all paparazzi! Are you interested in photography, journalism or design? Then Yearbook 10 is for you! Yearbook 10 will provide you with the opportunity to explore and expand your photography, communication and design skills while participating and contributing to our school community and culture through the creation and distribution of our fantastic RSS Yearbook!

YEARBOOK 11

YCCT-1A-4L Credits: 4

Prerequisite: Yearbook 10

Note: Full Year/This course is outside of the timetable/OTT

Calling all paparazzi! Are you interested in photography, journalism or design? Do you have a solid work ethic? Then Yearbook 11 is for you! Yearbook 11 provides you with the opportunity to explore and expand your photography, communication and design skills while documenting school events throughout the year. This is a fast-paced course and requires: commitment, availability outside of school hours, independence, professionalism, flexibility and creativity. Our end result? The creation and distribution of our amazing RSS Yearbook!

YEARBOOK 12

YCCT-2A-4L Credits: 4

Prerequisite: Yearbook 11

Note: Full Year/This course is outside of the timetable/OTT

Calling all paparazzi! Are you interested in photography, journalism or design? Do you have a solid work ethic and leadership qualities? If the answer to any of those questions is yes, then join Yearbook 12 and have a say in how your final year of high school is documented! Students will be using Digital Cameras, Photoshop and InDesign, experience or interest using these mediums is highly recommended. This is a fast-paced course and requires: leadership, commitment, availability outside of school hours, independence, professionalism, flexibility and creativity. Our end result? The creation and distribution of our amazing RSS Yearbook!



MEDIA PRODUCTION

DIGITAL PHOTOGRAPHY 10

YVPA-0A-4S

Credits: 4

Photography 10 will explore the foundations of digital photography while providing you with the opportunity and skills to express your creativity through the lens! From composition techniques to learning how to use a DSLR camera to editing photos in Adobe Photoshop, this course will introduce you to the exciting world of photography!

DIGITAL PHOTOGRAPHY 11

MVAPH11-4S

Credits: 4

Prerequisite: Digital Photography 10

Photography 11 will provide you with the opportunity and skills to further develop your creativity and unique artistic style through the lens! From refining photo composition techniques to delving further into DSLR capabilities to studio lighting and photo-editing in Adobe Photoshop, this course is an opportunity for you to explore and build your skills within the exciting world of photography!

DIGITAL PHOTOGRAPHY 12

MVAPH12-4S

Credits: 4

Prerequisite: Digital Photography 11

Photography 12 focuses on exploring your creative voice as a photographer and applying your knowledge of composition techniques, DSLR camera functions, photographic styles, and photo-editing software such as Adobe Photoshop and Lightroom. You will have the opportunity to zoom in on the aspects of photography that interest you, while enhancing your skills as a photographer.

DIGITAL FILMMAKING INTRO 11

MVAMT11-4S

Credits: 4

Prerequisite: None

This is an introductory semester course which focuses on the three main disciplines of digital filmmaking: pre-production, production and post-production. The pre-production section is a combination of written assignments and “hands-on” labs. You will develop ideas into written treatments and storyboards. You will learn to use the digital video cameras, boom microphones, tripods and how to care for equipment. The production section will teach you how to organize your shots, use different camera angles and techniques. The post-production section explores digital video editing. You will learn basic editing, creating transitions, “laying in” sound and music, special effects, titling and adding credits.

Although some of the course concentrates on individual work, much of the time you will be working in groups. A creative imagination is essential. This course is a prerequisite for Advanced Digital Filmmaking and Broadcast Journalism.

DIGITAL FILMMAKING ADVANCED 12

MVAMT12-4S

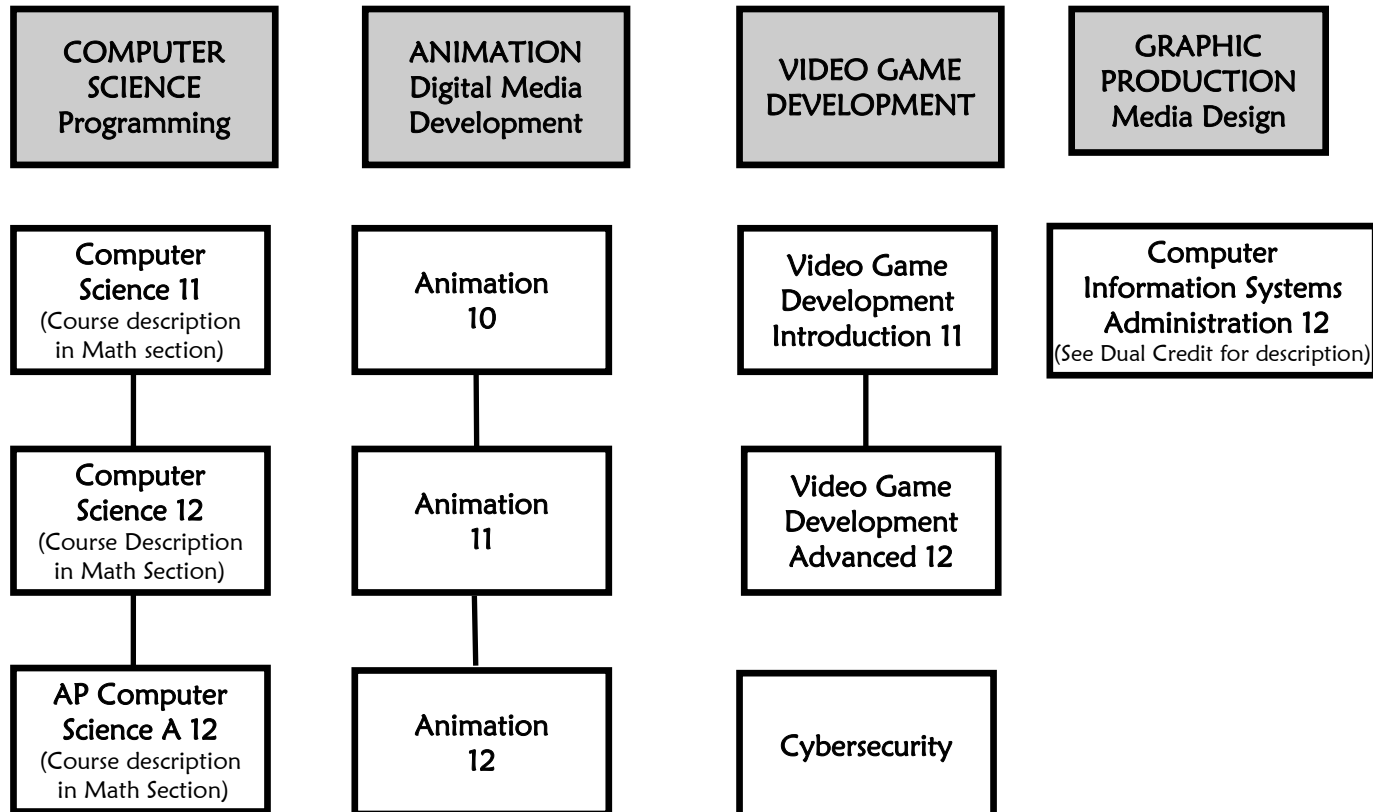
Credits: 4

Prerequisite: Digital Filmmaking Introduction

This course will allow students to further develop their digital filmmaking skills that were acquired during the introductory course. Students will be given the opportunity to work with more advanced concepts and develop their own ideas. Students are expected to participate in all class activities.



COMPUTER TECHNOLOGY



COMPUTER TECHNOLOGY

ANIMATION 10

YCCT-0B-4S

Credits: 4

Prerequisite: None

In this course we will be going through the basic techniques and concepts of 2D and 3D animation. Animation is found in many areas including movies, advertising, video-games, computer software, and websites. Topics will include character design, background design, storyboarding, modelling, rigging, sound effects, and much more. The 12 Principals of Animation will be at the heart of all lessons. Adobe Animate and Autodesk Maya will be the main software used.

ANIMATION 11

YCCT-1B-4S

Credits: 4

Recommended: Animation 10

This course is designed to further develop the techniques and concepts you acquired in Animation Introduction. We will be moving on from Adobe Animate and diving into the software Toon Boom Harmony. It's currently the industry's leading 2D animation software and used in most shows on TV today. This is also the program that Post-Secondary Institutions such as Okanagan College and Vancouver Film School use in their courses. Maya will continue to be used for 3D animation.

ANIMATION 12

YCCT-2B-4S

Credits: 4

Prerequisite: Animation 11

If you're hungry for more opportunities to develop your animation skills and improve your portfolio, then this is the course for you. This class is designed to allow students to pursue an area of interest to them within the animation industry. This could be anything within the 2D or 3D world.

CYBERSECURITY

YCCT-2K-4S

Credits: 4

Prerequisite: Math 10, Grade 11 or 12 student

This course introduces the fundamental concepts of Cybersecurity, including recognizing potential cyber-attacks against enterprise networks in various forms (spamming, phishing, malware, ransomware, DDOS, etc), understanding vulnerabilities in a network infrastructure, cybersecurity best practices, introduction to cloud-based networks and virtualized data centres. Students will complete a

variety of hands-on labs focusing on planning, designing, implementing and troubleshooting network infrastructure environments. Palo Alto Cybersecurity Foundation, Network Security Fundamentals, Cloud Security Fundamentals, and Security Operations Fundamentals are intended for students who would like pursue a career in Cybersecurity or any other technology field. The course covers technical details, while emphasizing soft skills which are an asset in this field. Upon successful completion of the course and if students decide to pursue, they can obtain their PCCET (Palo Alto Networks Cybersecurity Certification for Entry-level Technician).

VIDEO GAME DEVELOPMENT INTRODUCTION (COMPUTER PROGRAMMING 11)

YCAIS1A-4S

Credits: 4

Prerequisite: Computers 9 and/or Computer Science 11 is recommended, but not required.

Students will take part in the process of creating a video game that involves both the design and developmental aspects of the final product. Elements of game design include mechanics, core concepts, aesthetics, characters, levels, and narratives. On the other hand, game development includes the programming, rendering, engineering, and testing of the game. To some extent throughout this course, you will be utilizing these elements to enhance existing or to partially build your own games. In order to achieve this, you will learn how to use a game engine, a software development environment designed to build video games. One of the industry standard game engines, Unity, will be used for this purpose along with the C# (C Sharp) programming language because of the extensive resources and support available.

VIDEO GAME DEVELOPMENT ADVANCED (COMPUTER PROGRAMMING 12)

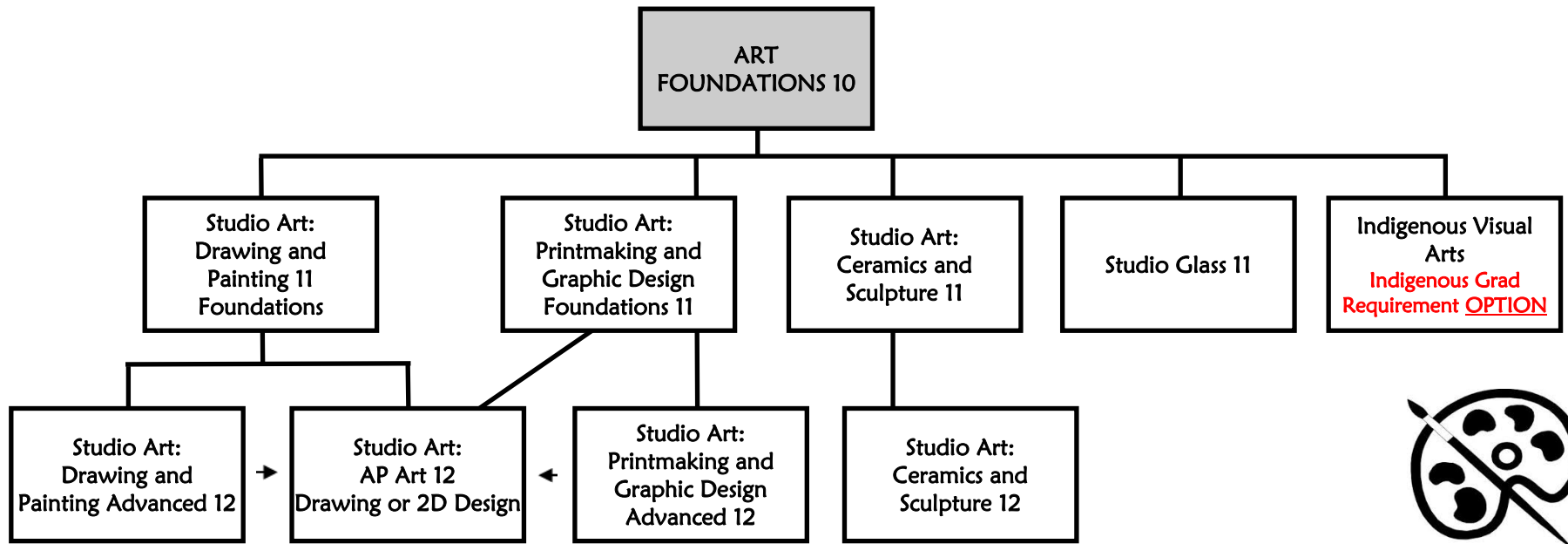
MDMD-12-4S

Credits: 4

Prerequisite: Video Game Development Introduction and Computer Science 11

Students will build on their knowledge from VGD Introduction and use an industry standard engine, Unity Engine, to create 2D and 3D games using more advanced computer programming methods. They will build on what they learned in Introduction and create games of different genres using Unity Resources. This will help students with Unity's user interface, functions and capabilities, then they will create and customize their own. They will also create 3D games using Unity Resources and will eventually create their own using their own creations and the Unity Asset Store. Students will become more familiar with the C# (C Sharp) programming language.

ART



ART FOUNDATIONS 10

MVAD-10-4S

Credits: 4

Prerequisite: None

This 20 week foundational art course will cover a wide range of visual art disciplines using a variety of art media and techniques. Topics will include: Elements and Principles of Design, Image Strategies, Colour Theory, Drawing and Painting, Oil Pastels, Lino Cut Prints, Paper Mache, Graphic Design, and Art History. Upon completion, students will acquire the basic skills and confidence to continue to the next level of visual arts in their chosen areas of interest. Awaken the artist within you!

STUDIO ART: DRAWING AND PAINTING FOUNDATIONS 11

MVAD-11-4S

Credits: 4

Prerequisite: Art Foundations 10

This studio art course is designed for students to learn and use foundational - and advanced - art skills and creative design strategies in a studio setting. Students are encouraged to work with and explore a variety of 2D and 3D

media with greater independence. Students will develop a personal portfolio of art. Suggested projects include: drawing (pencil, color pencil, charcoal, pastels, ink), painting (watercolour, acrylic), mixed media, design thinking (fashion, characters, architecture), and digital art. Basic supplies required: sketchbook, drawing pencils, eraser, ruler, and tortillon.

STUDIO GLASS 11

YVPA-1C-4S

Credits: 4

Prerequisite: None

Students will be introduced to glass in several different forms and many techniques in glass manipulation. Students will learn about the history of glass and the many uses it has had in art and daily life over the last two thousand years. After understanding the safe way to handle glass and glass equipment, students will work through various projects each introducing a new technique.

ART

STUDIO ART: DRAWING AND PAINTING ADVANCED 12

MVAD-12-4S Credits: 4

Prerequisite: SA: Drawing and Painting Intro or teacher permission

This studio art course is for students to develop advanced, personal creative art and design skills. Students are encouraged to work in a more self-directed approach in a studio setting with emphasis on individual expression. Students will complete visual experiments culminating in a final exhibition. Suggested projects include: drawing (pencil, color pencil, charcoal, pastels, ink), painting (watercolour, acrylic), mixed media, design thinking (fashion, characters, architecture), and digital art. Students will also develop a portfolio of artwork that could be used for admission to post-secondary programs. Basic supplies required: sketchbook, drawing pencils, eraser, ruler, and tortillon.

STUDIO ART: PRINTMAKING AND GRAPHIC DESIGN FOUNDATIONS 11

MVAGA11-4S Credits: 4

Prerequisite: None

This studio art course is for students to learn various printmaking techniques and graphic design concepts through hands-on art projects. Students will solve creative design challenges using the principles of design. Suggested design projects include character design, skateboard graphics, product marketing, and bookbinding. Students will also try a number of old-school printmaking techniques such as lino-cut printing, Japanese woodcuts, and graffiti stencils. Students will work in a studio environment to develop a personal portfolio of artwork that could be used for admission to post-secondary programs.

STUDIO ART: PRINTMAKING AND GRAPHIC DESIGN ADVANCED 12

MVAGA12-4S Credits: 4

Prerequisite: Studio Arts: Media Arts 11 or teacher permission

This studio art course is for students to learn advanced printmaking techniques and graphic design concepts through hands-on art projects. Students will solve creative design challenges using the principles of design. Suggested design projects include character design, product marketing, murals, and bookbinding. Students will also try a number of old-school printmaking techniques such as reduction lino-cut printing, etching, and silkscreen. Students will work in a studio environment to develop a portfolio of artwork that could be used for admission to post-secondary programs.

STUDIO ART: CERAMICS and SCULPTURE FOUNDATIONS 11

MVAC-11-4S Credits: 4

Prerequisite: None

This course will enable students to develop skills in image development, context, and elements and principles of design in the area of Ceramics and Sculpture. Projects and media may include: ceramics (clay, glazes, stains), sculpture (wood, plastic, cardboard, wire, concrete stepping stones, papier-mâché, etc.), recycled objects, and glasswork. Students are encouraged to work with greater independence in a studio setting and will learn new techniques and skills in handling a range of tools and equipment necessary to create their projects. Photos of student work may be submitted into grad portfolios.

STUDIO ART: CERAMICS and SCULPTURE ADVANCED 12

MVAC-12-4S Credits: 4

Prerequisite: SA: Ceramics and Sculpture Foundations or permission from teacher.

This course will continue to develop skills learned in Studio Art: CS Foundations.

STUDIO ART 12AP: DRAWING or 2D DESIGN ADVANCED PLACEMENT

A2DP-12 Credits: 4

Prerequisite: Any of: Studio Art: P/G or D/P class and teacher permission

This course is designed for motivated senior art students to make visual art that personally interests them. Students will develop a series of artwork related to a personal inquiry question, then submit their art portfolio to AP College Board for final examination. Students focus on one of two portfolio types: Drawing or 2D Design. All forms of 2-dimensional visual art are acceptable, from traditional drawing and painting to digital media, animation, photography, collage, illustration, character design and mixed media. Successful students are typically able to work independently, refine and improve their art and ideas, and meet deadlines.

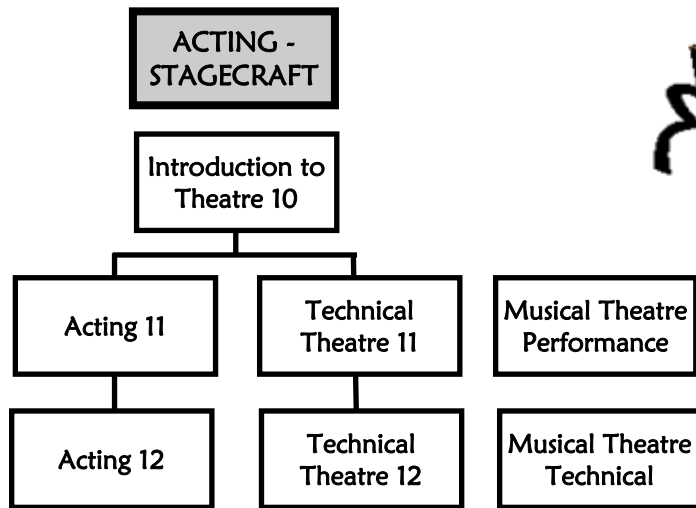
INDIGENOUS VISUAL ARTS

VIHW-12 Credits: 4

Prerequisite: None

Students will explore and celebrate the rich and diverse cultures of our Indigenous Peoples through visual art. This is a course where students learn about Indigenous history, Indigenous culture and Indigenous artists, and improve their drawing and painting skills. This course begins with traditional and modern Syilx visual culture and artists, then expands the learning through many nations across Turtle Island. This course welcomes all students in grade 10, 11 and 12.

PERFORMING ARTS



INTRODUCTION TO THEATRE 10 *MDRM-10-4S Credits: 4*

Prerequisite: None

This is a fun yet challenging course designed to introduce students to elements of theatre including Acting and Stage Production in order to build on the foundation skills covered in Drama 9 and prepare students for the senior Acting classes (Acting 11 and 12). Students will complete units of work including Clowning, Conflict and Stanislavski to improve their acting repertoire and also be introduced to the technical side of theatre production (lighting design, soundscapes, set designs, props and costumes, publicity and front-of-house).

ACTING 11 *MDRM-11-4S Credits: 4*

Prerequisite: Introduction to Stage or extra-curricular performance experience
Students in this class will be responsible for mounting the Children's Theatre Production in December which includes performing during the evening and the school day to a paying audience. Students will gain experience in the rehearsal process, working as an ensemble and overcoming the unique challenges of performing live in front of a young audience. This course provides opportunities for students to develop their acting skills, specifically using their vocal and physical skills to enhance characterization.

ACTING 12 *MDRM-12-4S Credits: 4*

Prerequisite: Acting 11 or extra-curricular performance
Students in this class will be responsible for mounting the Senior Theatre Production in late May which involves completing a five-evening run to a paying audience. Students will gain experience in the rehearsal process, working as an ensemble and overcoming the challenges of live performance. The production chosen for this class is designed to challenge acting students to develop their performance skills; students will be given opportunities to improve their performance range, explore subtlety, nuance and emotional truth.

TECHNICAL THEATRE 11/12 *MDRTP11-4S / MDRTP12-4S Credits: 4*

Prerequisite: None

This course is designed for senior students who are interested in and have shown aptitude for technical theatre. Students will work alongside the Acting 11 or 12 students and provide the technical support for the semester's theatre production. Opportunities will be provided for design – set and lighting/sound – as well as experience in working with props, costumes and make-up. Students will also be responsible for operating technical equipment during performances and working as backstage crew and/or front-of-house.

MUSICAL THEATRE—PERFORMANCE *MMUTH11-4S-P / MMUTH12-4S Credits: 4*

Prerequisite: None

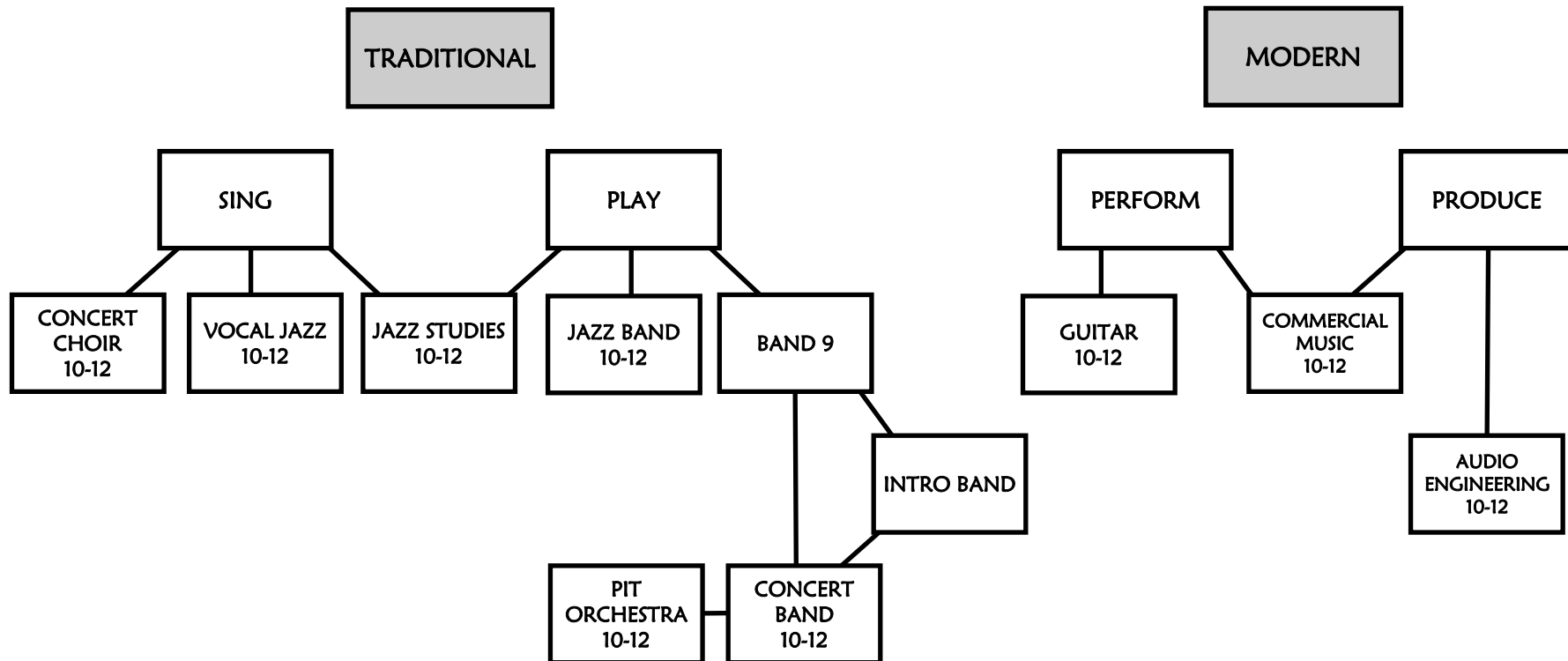
The show must go on! If you love to perform and are especially interested in musical theatre, this course is for you! This course runs outside of the timetable on Mondays and Wednesdays from 3:30pm – 5:30pm. The course begins in September and ends in March (just before Spring Break). The course culminates in a Musical Production that runs one week (including a preview performance / dress rehearsal and four evening shows). This course is timetabled alongside the Musical Theatre (Technical) class. Students will be immersed in all aspects of musical theatre performance.

MUSICAL THEATRE—TECHNICAL *MMUTH11-4S-T / MMUTH12-4S-P Credits: 4*

Prerequisite: None

This course runs outside of the timetable on Mondays and Wednesdays from 3:30pm – 5:30pm. The course begins in September and ends in March (just before Spring Break). The course culminates in a Musical Production that runs for one week (which includes one preview performance / dress rehearsal and four evening shows). This course is timetabled alongside the Musical Theatre (Performance) class. Students are responsible for all aspects of Technical Stage Production including lighting design and operation, sound effects, props, set design, construction and painting, publicity, front-of-house and backstage crew.

MUSIC



Note: All Music courses usually culminate with a spring performance tour.

MUSIC

CONCERT CHOIR 9/10/11/12

MMUCC10-4S / MCMCC11-4S / MCMCC12-4S

Credits: 4

Prerequisite: none

Concert Choir welcomes all students who have a passion for singing and wish to improve their vocal ability. Students will learn about breath support, mouth shape, blending with other singers and much more. A wide range of styles will be explored and performed, including pieces in languages other than English. Students will be expected to perform in at least two public performances throughout the year. **Uniform:** black formal wear, black dress shoes.

INTRODUCTORY BAND 10-12

YVPA-0F-4S/YVPA-1F-4S/YVPA-2F-4S

Credits: 4

Introductory band is for students who do not yet play a traditional band instrument, but would like to join the band program. No prior experience is required, as the course will focus on the basic concepts of playing wind instruments and reading standard notation. Students who complete introductory band will enroll in their grade-level concert band the following year. Live performance is an option, but is by no means a requirement.

CONCERT BAND 10/11/12

MMUCB10-4S / MIMCB11-4L / MIMCB12-4L

Credits: 4

Prerequisite: Band 9 or Introductory Music 9

This course will build on the concepts developed in concert band 9/10/11. 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. Students will be expected to perform in at least two public performances throughout the year. **Uniform:** black formal wear, black dress shoes.



JAZZ BAND 10/11/12

MMUJB10-4S / MIMJB11-4S / MIMJB12-4S

Credits: 4

Prerequisite: Band 9 or Introductory Music 9

Jazz Band is offered to students who have a musical background on their instrument, 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. Enrollment in Concert Band is also recommended for its valuable musicianship skill-building. Students will be expected to perform in at least two public performances throughout the year. **Uniform:** black formal wear, black dress shoes.

JAZZ STUDIES 10/11/12

YVPA-0A— / YVPA-1A-4S / YVPA-2A-4S

Credits: 4

Prerequisite: Enrolled in Jazz Band

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. 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.

VOCAL JAZZ 10/11/12

MMUVJ10-4S / MCMJV11-4S / MCMJV12-4S

Credits: 4

Prerequisite: Concert Choir

This ensemble will rehearse and perform repertoire traditional to the Vocal Jazz idiom, and learn key skills that extend the learning acquired in Concert Choir. Rhythm section players (guitar, bass, drums and piano) are also encouraged to sign up for this course in order to back up the choir. Singers in this ensemble will have the opportunity to improvise and learn how to scat sing. Students will be expected to perform in at least two public performances throughout the year. **Uniform:** black formal wear, black dress shoes

MUSIC

GUITAR 10/11/12

MMUGT10-4S / MIMCB11-4S-G / MIMCB12-4S-G

Credits: 4

Prerequisite: None

This course is for students that wish to learn and improve guitar skills by playing in a group setting. Students will learn variety of musical styles including Classical, Jazz, Blues, Latin, Folk, Pop, and Rock. Students will develop technical skills such as playing scales, chords, strumming patterns and fingerpicking, reading notes, chord symbols and tablature and improvising. Students will prepare a few pieces of music and perform in a concert. This course is open to all students.

COMMERCIAL MUSIC 10/11/12

MMUCM10-4S / MMUCM11-4S / MMUCM12-4S

Credits: 4

Prerequisite: None

Contemporary Music is a course for students interested in creating, and performing contemporary popular music. Students explore musical characteristics and instrumentation common in Rock, Jazz, Blues, Pop, Electronic, Hip hop, Alternative and more. Students must either rent or own their own instrument. This course is for students that sing and/or have begun learning an instrument and would like learn to play in a group setting. In addition to developing musical skills and technique students will examine the music industry, marketing, performance techniques, stage and live equipment set up, live and studio mixing, using microphones, song writing and recording. Students will be involved in organizing, setting up and performing at various concerts and gigs throughout the year.

MUSICAL THEATRE PIT ORCHESTRA 10/11/12

MMUOR10-4S / MMUOR11-4S / MMUOR12-4S

Credits: 4

Prerequisite: Band 9 or Introductory Music 9

This course runs in conjunction with the Musical Theatre production put on by RSS' drama department. Students in this ensemble will rehearse professional-level music to perform alongside the actors in real time to provide the soundtrack to the show. Students interested in this group must possess a strong ability to read music, excellent rehearsal conduct and a commitment to practice the material. Woodwind, brass, rhythm section and piano are all welcome.

AUDIO ENGINEERING 10/11/12

MMUCP11-4S / MMUCP12-4S

Credits: 4

Prerequisite: None

In this course students will have the opportunity to work with modern technologies that are currently used in the music industry for a variety of purposes. Notation software like MuseScore and Sibelius, digital audio workstations like Soundtrap and GarageBand and several other computer programs will make up the content of this course. Students interested in this subject area should have some sort of musical knowledge, and be prepared to enlist fellow musicians for recording projects.



SPECIALTY PROGRAMS

EMERGENCY MEDICAL RESPONDER AND FIRE ACADEMY

EMERGENCY MEDICAL RESPONDER 11/12

PI—2A-4S-EMR / YAH-2A-4S-EMR

Credits: 8

Prerequisite: Written application to the instructor

EMR is a Canada wide standard for industrial first aid as well as an entry level qualification to work for an ambulance service. EMRs' may work in industry providing required medical services for worksites, especially higher risk or more remote worksites, or for ski patrol. EMRs' may also be hired by ambulance services in rural areas of British Columbia. Any students who are interested in a career in emergency would benefit from this course. Specifically, the EMR course is the pre-requisite to continue on into the Primary Care Paramedic program.

Students will cover such topics as: EMR equipment and safety; legal and ethical issues; patient assessment and vital signs; adult/child/infant CPR with defibrillation; treatments and protocols for common medical traumatic emergencies; childbirth and pediatrics; pharmacology; intravenous maintenance; special rescue; hazardous materials awareness. Students enrolled in EMR must also complete an online course concurrently. Program Fees—please see instructor. Includes Basic Life Support/ Standard First Aid certificate.

It would be beneficial (but not required) for EMR students to have completed or be enrolled in Biology 12.

RSS FIRE ACADEMY

MIDS-2D-4S / MIDS-2FF4S / YPSS-2A-4S-EM / YPSS-2B-4S **Credits:** 16

Prerequisite: Written application to the instructor

The RSS firefighting program is a partnership with Joe Rich Fire Rescue. This program will deliver the following components:

1) EMERGENCY MEDICAL RESPONDER 11/12

Credits: 8

Prerequisite: Written application to the instructor (available on RSS website)

EMR is a Canada wide standard for industrial first aid as well as an entry level qualification to work for an ambulance service. Emergency medical responders may work in industry providing required medical services for worksites, especially higher risk or more remote worksites, or for ski patrol. Licensed emergency medical responders may also be hired by ambulance services in rural areas of British Columbia. Any students who are interested in a career in emergency services or health care would benefit from this course. Specifically, the EMR course is the pre-requisite to continue on into the Primary Care Paramedic program.

Students will cover such topics as: EMR equipment and safety; legal and ethical issues; patient assessment and vital signs; adult/child/infant CPR with defibrillation; treatments and protocols for common medical traumatic emergencies; childbirth and pediatrics; pharmacology; intravenous maintenance; special rescue; hazardous materials awareness.

Students enrolled in EMR must also complete an online course concurrently.

It would be beneficial (but not required) for EMR students to have completed or be enrolled in Biology 12.

2) FIRE SERVICES 11/12

Credits: 8

Prerequisite: enrollment in Fire Academy

This course is meant for students who are possibly interested in firefighting as a career or just curious about the profession. In conjunction with Joe Rich Fire Rescue, students will learn the theory and practical applications behind the basic skills required to be a firefighter. Students will cover topics such as safety and protective equipment, breathing apparatus, hose lines and pumping, fire behavior, rope rescue, and vehicle extrication. The curriculum will be designed to match the BC Office of the Fire Commissioner Exterior firefighter level. Students will also have the opportunity to complete the S-100 Wildland Firefighting course. Students who wish to be **certified** at this level will be required to pay extra fees. Over the years, the skills of a firefighter have evolved to include medical training and this now makes up a significant portion of all fire department responses. The first half of this course will be First Responder Level III/Emergency Medical Responder Certification at RSS. The firefighting portion of the course takes place mostly at the Joe Rich Fire Hall (see EMR description).

Notes:

- **Students will be responsible for their own transportation to the fire station for the second half of the course.**
- **Completion of an independent study component is also required.**

SPECIALTY PROGRAMS

FORESTRY PROGRAM

FORESTRY - (FOREST RESOURCE FIELD STUDIES)

Part A –Grade 11, All of Semester 2 Total grade 11 Forestry credits: 20

***NOTE:** Students must be enrolled in the forestry program (full time) to access these classes. Individual classes are not available to students outside of the program. Most Grade 11 grad requirements should be completed in Semester 1.

YRNR-2A-4S-FOR / YRNR-2B-4S-FOR / YRNR-2D-4S-FOR /YRNR-2F-4S-FOR
MLFSC11-4S

FORESTRY TECHNOLOGY 11

Credits: 2

Prerequisite: Enrollment in Forestry Program

The Forestry Technology 11 course is essential for students enrolled in the SD23 Forestry program. The course is aimed at developing the fundamental skills necessary to safely operate, maintain and troubleshoot equipment that is used in the forestry industry. Students will become proficient in operating a wide variety equipment including but not limited to: chainsaws, brush-saws, pole-saws, wood chippers, leaf blowers, water pumps, and bucket truck operation. Through a series of formalized 1on1 training experiences, demonstrations and practical exercises students will be prepared to safely use this specialized equipment.

FORESTRY 11

Credits: 4

Prerequisite: Enrollment in Forestry Program

The Forestry 11 course is an introductory level course designed to help students develop fundamental skills and knowledge in forestry related topics. Students will learn and become proficient in basic wilderness skills such as cold weather survival, fire starting, and shelter building. Students are introduced to Forest Ecology which includes studying tree and plant Identification, the soils, geology and the biogeoclimactic zones of the Okanagan Valley.

SILVICULTURE 11

Credits: 4

Prerequisite: Enrollment in Forestry Program

Silviculture 11 is an introductory level course designed to help students develop fundamental skills and knowledge in basic Silviculture related topics. Students will learn and become proficient in using technology related to studying

Silviculture and be introduced to Silviculture topics. Students are introduced to the concept of Integrated Resource Management, which includes units on Timber Cruising, Tree Heights and Volumes and Harvesting Methods.

UTILITY ARBORIST 11

Credits: 4

Prerequisite: Enrollment in Forestry Program

The Utility Arborist course is an introductory level course designed to help students develop fundamental skills and knowledge to participate safely in tree-care activities. Students are introduced to basic safety objectives, pre-work planning and accident prevention practices, leadership, communication and personal development skills. Utility Arborist 11 is the foundation from which students build their arborist skills. In addition to the safety objectives, students will learn theory, terminology and equipment necessary to successfully problem solve tree-care related difficulties. The majority of the course takes place in the outdoor environment and students take part in experiential learning activities.

WILDLAND FIREFIGHTING AND SUSTAINABLE RESOURCES 11

Credits: 4

Prerequisite: Enrollment in Forestry Program

Wildland Firefighting and Sustainable Resources 11 (WFSR11) is an introductory course aimed at exploring methods of sustaining managed forests in the Okanagan Valley. In WFSR11 students will learn what it takes to maintain a managed forest from seed to maturity in a way that is environmentally appropriate. Specific student activities include tree planting, harvesting, fuel mitigation, thinning, wildland fire management and prevention. Students will be using the forest as a classroom as well as attending additional locations to support their learning. For example, students will have the opportunity to visit the Rap Attack Base (Helicopter Firefighting), take part in the Penticton trial burn with the Penticton initial attack crew, tour both Gorman Brothers and Tolko mills, and tour Chaparral Industries.



SPECIALTY PROGRAMS

FORESTRY PROGRAM

FORESTRY - (FOREST RESOURCE FIELD STUDIES)

Part B –Grade 12, All of Semester 1 Total grade 12 Forestry credits: 26

*NOTE: Students must be enrolled in the forestry program (full time) to access these classes. Individual classes are not available to students outside of the program.

FORESTRY 11 / 12

YRNR-1F-4S / YRNR-2F-4S *Credit: 4 / 4*

Prerequisite: Enrollment in Forestry Program

The Forestry 12 course is designed to help students build on their forestry skills and knowledge learned in Forestry 11. In Forestry 12, students will build on their wilderness survival skills. Self-sustainability in the forest is further explored. Students will have more opportunities to practice their survival skills and first aid rescue skills through hands-on activities. Some activities include a mock survival situation, as well as a transportation endorsement course. Forest Ecology, which includes studying tree and plant identification, is looked at in more detail. Students will also complete a gallery walk of City Park to broaden the scope of their tree identification expertise.

SILVICULTURE 11/12

YRNR-1D-4S / YRNR-2D-4S *Credits: 4 / 4*

Prerequisite: Enrollment in Forestry Program

Silviculture 12 is designed for students to build on their fundamental skills and knowledge learned in Silviculture 11. In Silviculture 12 students will learn to use their vegetative resource inventory to synthesize harvesting plans for specific forest types. Students in Silviculture 12 will take part in activities that allow for the application of technologies previously learned in Silviculture 11. In addition, students are introduced to skills which are important for continued success in Silviculture related activities. The skills include the Incident Command System certification, as well as their Safe Boaters Licence.

UTILITY ARBORIST 11A / 12A

YRNR-1A-4S / YRNR-2A-4S *Credits: 4 / 4*

Prerequisite: Enrollment in Forestry Program

The Utility Arborist 12A course is a continuation of Arborist 11. Students work to complete the study guide and practice test of the rest of the Utility Arborist Manual Level 1. The course is designed to help students further develop the fundamental skills and knowledge necessary to participate safely in tree-care activities. Students are familiarized to the equipment, technology, pre-climb safety procedures as well as power line safety. Utility Arborist 12A is integral for the preparedness of students writing the Industry Training Authority Level 1 exam.

UTILITY ARBORIST 12B

YRNR –2B-4S *Credits: 4*

Prerequisite: Enrollment in Forestry Program

The Utility Arborist 12B (UA12B) course is a continuation of Utility Arborist 11 and 12A. Students will learn how to safely use climbing and rigging techniques and become comfortable navigating through the tree canopy. The course moves students from theory to practice in all aspects related to safe tree climbing, trimming and rigging from heights. Building on their fundamentals from UA11 and UA12A, students will have the opportunity to perform/simulate industry level climbs from pre-job planning through to evaluation. The majority of instructional time is spent within the tree canopy using specialized climbing equipment. As with UA11 and UA12B, safety is the top level priority in the course. The course culminates with each student receiving an assessment of an industry specialist.

ENVIRONMENTAL SCIENCE 11

MEVSC11-4S *Credits: 4*

The learning outcomes of this course are embedded in the Forestry curriculum.

CAREER TRANSITIONS 12

MSTX—2B-4S *Credits: 4*

Prerequisite: Enrollment in Forestry Program

Completion of Capstone. In addition, RSS forestry students will receive training that enables them to qualify for their Level One Utility Arborist * Certificate. This is a Certified Apprenticeship Program that will allow students to directly enter the Utility Arborist employment field. Partial training for this is provided by the Electrical Training Institute.

* Utility Arborist means a person who undertakes any work required to prune or clear vegetation in proximity to energized electrical equipment (a distance of three meters or less from a primary conductor with a voltage of 750 volts or greater), structures and conductors or who in the course of utility line clearing operations, prunes, falls, or removes trees which could come into contact with energized power lines.

SD 23 DUAL CREDIT / DUAL CREDENTIALS CERTIFICATE PROGRAMS

DUAL-CREDIT PROGRAMS IN SD 23:

1. Electricity and Industrial Electronics Technician – Pre-apprentice - BCIT
2. Heavy Equipment – Trades - BCIT
3. Computer Information Systems Administration - BCIT (CISA) and OC (ICT).***A new partnership with Okanagan College has been finalized with details to follow. Please contact Mr. Relova at rafie.relova@sd23.bc.ca for further details.***
4. Trades Programs at Okanagan College

Secondary school grade 11 and 12 graduation credits are earned concurrently with completion of a Dual Credit course work. For each 10 weeks of course work successfully completed, students will earn 8 equivalent secondary school graduation credits. Completion of a full program will earn students 32 secondary school credits.

Entrance Requirements

Each program has its own specific academic entrance requirements listed on the following pages, but in general students will need the following to be considered:

- Students that are enrolled in relevant tech ed. programs
- A strong commitment to the chosen program as a long-term career choice. Minimum marks as per the course description
- Demonstrated maturity and group work skills

All secondary school students must meet the following entrance requirements:

- Dual Credit Application Form
- Grade 11 or half way through grade 12
- Cannot have graduated from high school
- Under 19 years of age and not graduated as of June 30th
- Placement preference will be given to students who are half way through their grade 12 year and have not graduated or students that are under 19 years of age and not graduated as of June 30th. Students must complete secondary school graduation prior to receiving BCIT certification.

Registration

The Dual Credit Coordinators at Rutland Senior Secondary School handle all registrations. Students in their grade 12 year may stay at their home school for the first semester and then enter their chosen Dual Credit program. All applicants should submit completed application forms to their career centre. The application will be date stamped on the date that it is received.

Fees

A tuition scholarship is available to all qualified students and transfer students to SD#23. Students will be expected to purchase their own copies of textbooks and supplies. **All students must pay a \$250.00 non-refundable deposit.** Under certain circumstances students may be asked to pay partial tuition fees. Please contact a Dual Credit Coordinator for further clarification.

Further Education or Transfer Opportunities

All course work completed is fully transferable to second year programs as well as many other post-secondary institutions. Students may also wish to consider an apprenticeship or further industry-based training. It is important to know that certification gained in Kelowna meets all BC standards and is recognized as being equal to credits earned at post-secondary institutions.

Information Sessions: **see school Career Centre for dates and times**

SD 23 DUAL CREDIT / DUAL CREDENTIALS CERTIFICATE PROGRAMS

1. ELECTRICITY AND INDUSTRIAL ELECTRONICS TECHNICIAN (Foundation) (Feb– Jan)

This program will provide graduates with the theory and practical skills necessary to enter the electrical trade and allow the students to obtain an apprenticeship. The electrical worker plans, assembles, installs, tests, repairs and maintains electrical equipment and systems in commercial, industrial and marine facilities. Applicants should possess good health, the physical condition necessary to meet the demands of the work, good hearing and good hand/eye coordination. All courses must be passed in order to successfully complete the program.

Entrance Requirements

- English 12 or Communications 12
- Pre-Calculus 11 (C average required)

Graduates from this program may find job opportunities exist in the construction, mining, forestry, food productions, manufacturing, grain handling, transportation, utility and service industries. Challenging career opportunities are available to the person who is prepared to acquire a broad range of technical skills.

2. HEAVY MECHANICAL TRADES (Foundation) (Feb- Jan)

Diesel engine mechanics repair, maintain and rebuild diesel engines that power a wide variety of mobile and stationary machinery. Students learn to disassemble, rebuild and reassemble diesel engines; replace working parts such as pistons, rings, bearings, gears, valves and bushings; rebuild engine blocks, cylinder heads, sub-assemblies and components; and repair fuel, electrical and cooling support systems.

Entrance Requirements

- English 12 or Communications 12
- Any Math 11

Graduates of this program are prepared for entry-level employment as heavy duty mechanics. Upon successful completion of the program, students may seek employment as apprentices. Heavy Duty mechanics are required wherever machinery is found in industry: railways, bus and truck lines, the marine industry, repair garages, logging and mining camps, and dealerships. Many opportunities exist in this trade. However, graduates should be prepared to work out of town in entry-level jobs in industry until trainee positions become available.

The completion of Heavy Mechanical Trades program will offer credit towards completion of the Heavy Duty Mechanic apprenticeship.

3. COMPUTER INFORMATION SYSTEMS ADMINISTRATION 12 (CISA 12) (Feb–June)

Delivery: Full day every second day. Students will need to schedule courses at their home school on days not in session.

Credits: 12 grade 12 credits (Equivalent to 3 BCIT Courses or 2 OC Courses)

Entrance Requirements (English and Math Requirements)

- * BCIT – <https://www.bcit.ca/programs/computer-information-systems-administration-diploma-full-time-1930dipma/#entry>
- * OC – <https://www.okanagan.bc.ca/infrastructure-and-computing-technology-Diploma>

Program: Year 1 Level 1 - Kelowna (3 of 6 courses)

Cisco IT Essentials: PC Hardware and Software

CCNAv7: Introduction to Networks; NDG Linux Essentials

Articulation/Bridging Course (BCIT CISA)- For students who are planning to attend BCIT in Burnaby, remaining 3 of 6 courses taken during the following fall includes CITX 1142 (minimum 50%), CITX 2200 (minimum 50%), and COMP 1630 (minimum 60%).

Articulation/Bridging Course (OC ICT) – For students who are planning to attend OC in Kelowna, ITUS 120 Infrastructure and Computing is also completed in Grade 12 during Semester 2. The remaining 4 of 6 courses are taken during the following fall at OC.

Please contact Mr. Relova at rafie.relova@sd23.bc.ca for further details.

Year 1 Level 2 (BCIT Burnaby) Continuation in the CISA Program is a competitive process between other high school students who also offer the CISA program. It is based on the student's average and the availability of seats due to student attrition from the group of students who started at BCIT in September. This is a dual-credit course in partnership with BCIT. Through a series of labs and projects students will learn: Computer Hardware & Maintenance (Cisco IT Essentials), Network Fundamentals (CCNAv7: Introduction to Networks) and NDG Linux Fundamentals (Linux Essentials). The program is based upon appropriate industry standards infrastructure and technology. It covers computer hardware, operating systems, networking and internet technology. On successful completion of the CISA Program at SD #23, students will receive a Year 1 Level 1 advanced standing to transfer into the CISA Program, Year 1 Level 2 at BCIT in Burnaby upon successful completion of remaining 3 of 6 articulation/bridging courses and successful competitive acceptance. Graduates from this program will find job opportunities in every sector of business that processes, installs, configures, and troubleshoots both PC hardware, software and networking components as part of its activities and/or day-to-day operations.

SD 23 DUAL CREDIT / DUAL CREDENTIALS CERTIFICATE PROGRAMS

RESIDENTIAL CONSTRUCTION

The Rutland Senior Secondary program falls under the ACE-IT model from the ITA.

School Based ACE-IT Programs:

ACE-IT (Accelerated Credit Enrolment in Industry Training) is an industry training program for high school students. Through an ACE IT program, students can take courses that will give them both high school graduation credits and a head start towards completion of an apprenticeship program. ACE IT programs are developed and offered as partnerships between school districts and post-secondary institutions. Once students successfully complete an ACE IT program (70%) they receive credit for at least Level One of the technical training (in-class) component of the Industry training program.

A partnership with a local builder School District 23, Rutland Senior Secondary and Okanagan College has provided students with the opportunity to be involved in the building of a quality home at Towers Ranch. This program provides students with the necessary theoretical and practical knowledge to seek employment as an apprentice carpenter in the residential construction industry. Students are introduced to all aspects of the trade and through the construction of an actual house students are given the opportunity to work with a variety of tools and materials used by carpenters. Focus is on developing practical skills for the residential construction workplace.

Students will be able to challenge both the Residential Construction Level 1 Carpentry and the Framing Tech. Certificate if they achieve a 70% average in the theory and practical components of the 20 week course.

Entrance Requirements: English 12 or Communications 12
Apprenticeship & Workplace Math 11 or Pre Calculus 11
(Accounting 11 is not acceptable)

Credits: 16

TRADES SAMPLER

School District No 23 and Okanagan College are partnering together to deliver the **ITA Youth Explore Trades Program** to assist students in their career exploration while learning trades and technology skills. Students in grades 10-12 will have the opportunity to sample various trades programs (Carpentry, Electrical, Plumbing, and Sheet Metal) that are currently in demand in BC.

The central outcome of the ITA Trades Sampler program is to provide students with an opportunity to explore several careers in the construction trades through relevant hands-on experiences while working towards their high school graduation.

Students will be engaged in several related hands-on projects/activities as well as building science and trades related math. In addition to earning credit for Career Life Education 10, topics to be covered include:

- Drafting
- Carpentry
- Electrical
- Plumbing
- Sheet Metal
- Applied Math/Science
- Safe Work Practices

One of the goals of the Trades Sampler program is to help students explore one of the many careers in the construction trades. Students will be able to apply for a Dual Credit Trades Program with one of our post-secondary partners upon program completion and may be given preferential seating in their grade 12 school year. In addition, students may qualify for a ITA Youth Work placement with an employer as an apprentice where the students will earn a wage while they are learning their chosen trade.

There is program fee of \$200 which covers the cost of the tool kit (students will own the kit at completion), job-ready certifications, safety training, and a project fee. Families who experience financial hardship should contact their school to discuss options.

SPECIALTY PROGRAMS

HAIRDRESSING (MBSS)

PROGRAM RATIONALE

The **Mount Boucherie Secondary School Hairdressing Academy** is an ***Accelerated Credit Enrollment in Industry Training (ACE IT)** program, designed for grades 11 and 12 students who have a serious interest in exploring hairdressing as a viable career choice. Our program is composed of theory and applied skills hairdressing courses and salon work experience hours. This is in addition to any other academic courses that they will require, by the BC Ministry of Education, for high school graduation. Students must complete all seven hairdressing courses consecutively, and complete additional industry training hours through salon jobs and/or work experience placements, for a total of 900 industry training hours. The MBS Hairdressing Academy is under the umbrella of the Industry Training Authority, and the students will have the opportunity to write the ITA theory Certification of Qualification exam.

ENROLLMENT

Mount Boucherie Hairdressing Academy **enrolls 18 grade 11 & 12 students**. Student intake happens in September. Preference is given to students who **have an excellent attendance record, portray professionalism, are self-motivated, and who exhibit dedication to learning**.

PROFESSIONAL EQUIPMENT FEE

There will be a student equipment fee of \$850 (depending on equipment prices). A payment schedule can be arranged at the time of admittance to the MBS Hairdressing Academy. **A \$200.00 deposit** must be given at time of registration.

As per Board policy, no student will be excluded from an educational program due to financial need. If paying the fee for the academy is a hardship, parents are asked to contact the principal for support with academy fee.

Hairdressing students will receive:

- Professional Hairdressing kit
- Text/Professional reference & study guide
- Membership to Beauty Council
- Membership to CIABC & ITA
- ITA Red Seal theory exam fee
- supplementary learning and instructional resources
- Opportunity to join the Professional Beauty Association \$45.00

For additional information contact MBSS at (250) 712-7040
maurita.graham@sd23.bc.ca or Barbara.butler@sd23.bc.ca
Teacher/Stylist Career Life Program Co-ordinator

APPRENTICESHIP PROGRAM

The Secondary School Apprenticeship program is designed to allow grade 10 - 12 students to become registered Apprentices with the Industry Training Authority (ITA) while completing B.C. Graduation requirements. The students selected to participate in this program must be motivated and have an aptitude in the selected trade, as well as maintain passing grades in the selected course of studies.

Special Features of Program:

- must successfully complete an application and selection process involving application form, letters of recommendation and interview.
- must successfully complete a 3 to 5 day unpaid work orientation period.
- must be registered with an acceptable employer.
- must successfully complete a minimum of 480 hr. of paid work experience in selected trade prior to graduation. When student successfully completes 480 creditable hours, they will receive the following high school course credits: SSA 11A, SSA 11B, SSA 12A, SSA 12B.
- must maintain a C+/B average in courses most relevant to the selected trade (e.g. auto mechanics - Math 11, Physics 11, Mechanics 11 and 12, English 11).
- successfully graduate with B.C. Graduation Certificate.
- School District may assist in the location of a host employer.
- student will make the transition from school to work in a more efficient manner.
- student will be paid during training process and will accumulate hours towards his/her journey person status.

Details relating to the application procedure for this program may be obtained through the Career Programs teachers or Career Centre Manager in the Counseling/Career Centre.

SPECIALTY PROGRAMS

INDIGENOUS LEARNING COMMUNITY

The Indigenous Learning Community is a full day 16 credit program, that runs full year on alternating days, where learning will be supported in a decolonized classroom that uses Indigenous ways of knowing and being. Students can take this program for all 3 years if they choose. Students who are in this program for the full 3 years will engage in community and cultural learning, and academically will receive these credits for their respective grade levels:

- * Science (Sci 10; Environmental Sc 11/12)
- * Social Studies (Social Studies 10; Contemporary Indigenous Studies 12; BC First Peoples 12)
- * English (English First Peoples 10/11/12)
- * Indigenous Leadership (10/11/12)

Learning will be shared between in-class learning, and learning on and from the land, learning from Elders and Knowledge Keepers, with the goal being to be on the land as much as possible. Students must be prepared to be outdoors and physically active. Field Studies around the Southern part of the province is included in this program. This course is open to all students of Rutland Senior Secondary School, with preference being given to students with Indigenous heritage.

INDIGENOUS LEADERSHIP INTRO / ADVANCED 10/11/12
YCPA-OB-4S / YCPA-1B-4S / YCPA-2B-4S Credits: 4

Aboriginal Leadership provides youth with leadership experience in and out of school by providing local and global citizenship opportunities. This course emphasizes understanding of First Nations culture, history and language and development of well-rounded individuals with a sense of belonging and spiritual understanding to pursue ambitions in life that enhance cultural understanding and community connections. The learning outcomes for this course align with BAA Leadership 12.

ENGLISH 11 FIRST PEOPLES
MEPSS11-4S-BC Credits: 4

English 11 First Peoples continues the study of language and literature and builds upon those skills learned in English 10 First Peoples. English 11 First Peoples is intended for both Aboriginal and non-Aboriginal students. It represents an invitation to all learners to explore and discover First Peoples world views

through the study of literary, informational and media text with local, Canadian and international First Peoples content. English 11 First Peoples provides opportunities for all students to engage with First Peoples creative expression and enter the worlds of First Peoples provincially, nationally, and internationally. This course focuses on the experiences, values, beliefs, and lived realities of First Peoples as evidenced in various forms of text—including oral story, speech, poetry, dramatic work, dance, song, film, and prose (non-fiction and fiction). English 11 First Peoples is the academic equivalent of English 11. Students will develop the English language and literacy skills and capacities they must have in order to meet British Columbia's graduation requirements.

ENGLISH 12 FIRST PEOPLES
MENFPI2-4S

Credits: 4

English 12 First Peoples is an academic alternative English 12 course that is based on the study of literature that represents authentic First Peoples voices. Such text includes oral, visual, and film texts as well as written works. The course is designed to appeal to students who are interested in gaining a background in First Peoples world views as well as an understanding of the interaction between First Peoples and European cultures. It takes a thematic approach to First Peoples literature and addresses a variety of topics important to First Peoples.

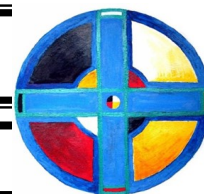
As an English 12 equivalent, English 12 First Peoples also focuses on the practice and improvement of students' written and oral communication skills. Furthermore, all English 12 First Peoples students are required to write the provincial examination which is worth 40% of their final grade.

COMPOSITION 10 / ENGLISH FIRST PEOPLES 10
EFP: LITERARY STUDIES AND NEW MEDIA:
MCMP10-2T Credits: 4

Students will delve deeply into First Peoples' oral and written literature in a range of media to explore various themes, authors and topics.



SPECIALTY PROGRAMS



INDIGENOUS LEARNING COMMUNITY

INDIGENOUS COMMUNITY: SCIENCE 10

MSC—10-4S-IN Credits: 4

This is the last Junior Science course to complete the survey of four major branches of science: Biology (genetics), Chemistry (atomic structure and chemical reactions), Physics (energy transformations), and Earth & Space Science (formation of the universe). This course will provide opportunities, within the context of the Indigenous Learning Community and a land-based approach, to develop Science curricular skills such as questioning and predicting, processing and analyzing data and information, and communicating through different mediums. The course will include two inquiry-based projects to be completed throughout the three seasons that the course will take place in. For detailed information on the new curriculum, please see: <https://curriculum.gov.bc.ca/curriculum/science/10/>

INDIGENOUS COMMUNITY: LIFE SCIENCES 11 (BIOLOGY 11)

MLFSC11-4S-IN Credits: 4

Prerequisite: SC 10 Life Sciences 11 satisfies the grade 11 science graduation requirements. This course is an academic elective and a prerequisite for Anatomy and Physiology 12. Life Sciences 11 is a general overview of life! This course explores the following topics: characteristics of living things, process of evolution, taxonomy and an overview of the three Domains of life (with a focus on microbiology, plant and animal biology.) We will be investigating the concepts within the context of the Indigenous Learning Community and a land-based approach that explores both Eurocentric and Traditional perspectives around plants, animals, and all our ancestors. This is a land/activity-based course with an emphasis on inquiry learning and will require the completion of two inquiry-based projects throughout the three seasons of the course. For detailed information on the curriculum please see: <https://curriculum.gov.bc.ca/curriculum/science/11/life-sciences>

INDIGENOUS COMMUNITY: ANATOMY AND PHYSIOLOGY 12 (BIOLOGY 12)

MATPH12-4S-IN Credits: 4

Anatomy and Physiology 12 is a rigorous course designed for science students wishing to continue in science studies at the post-secondary level in the health and medical fields. The course is focused on three main areas: biochemistry, cell processes and human anatomy and physiology. The content is organized

conceptually and includes knowledge in the following areas: homeostasis, DNA/gene expression, and organ systems. This is a land/activity-based course with an emphasis on inquiry learning and will require the completion of two inquiry-based projects throughout the three seasons of the course. For detailed information on the curriculum please see: <https://curriculum.gov.bc.ca/curriculum/science/11/life-sciences>

INDIGENOUS COMMUNITY: SOCIAL STUDIES 10

MSS—10-4S-IN Credits: 4

Indigenous Community Socials 10 covers key areas of Canada and the world, from 1919 to the present, from an indigenous perspective. Areas of study include: Political institutions, First Peoples governance. Changing conceptions of identity in Canada. Discriminatory policies and injustices in Canada and the world, such as the Head Tax, the Komagata Maru incident, residential schools, and internment camps. International conflicts and cooperation, including Canada's role and participation in World War Two, as well as Truth and Reconciliation in Canada. We will develop our Curricular Competencies of Significance, Evidence, Perspective, Continuity & Change, Cause & Consequence, and Ethical Judgement through inquiry. These skills will be the foundation for future courses in Social Studies and beyond

INDIGENOUS COMMUNITY: CONTEMPORARY INDIGENOUS STUDIES 12

MINST12-4S Credits: 4

Contemporary Indigenous Studies 12 focuses on the resilience, survival, community building and economic development of Indigenous peoples in the face of colonialism. This course provides an opportunity for students to study and better understand: varied Indigenous identities and worldviews, the importance of family, culture and connection to the land, past and present relationships with governments in Canada and around the world, as well as restoring balance through truth, healing and reconciliation. This course satisfies the Social Studies requirement at the Grade 12 level.

To participate in the Learning Community, students must take both courses—English First Peoples and Aboriginal Leadership.

ADVANCED PLACEMENT PROGRAM

At RSS, we offer AP courses in Art, English, Biology, Physics, Political Studies, Chemistry, Calculus and Computer Science.

WHAT IS AP?

The Advanced Placement Program (AP) is an international program of acceleration and enrichment which allows bright and motivated students to actually begin their College or University studies while still in high school. AP courses are equivalent to first year university courses in all ways except for class size and cost. They contain the same (or greater) content of the comparable courses found in Canadian Colleges and Universities.

WHAT DOES A STUDENT GET OUT OF TAKING AN AP COURSE?

1. Course Credit or Placement The original purpose of the AP program was to recognize that some students in secondary school are capable of and ready for challenge beyond the regular curriculum and to provide that challenge. Colleges and Universities have recognized over the years that students who take AP courses are at least as well prepared, and in fact usually better prepared, than regular first year students. As a result, most Canadian Universities are prepared to offer AP students exemption from taking their equivalent course (called placement), or credit (actual course credits granted by them) for the AP course(s). Obviously, from a student's point of view, credit is preferable as it can save lots of money!
2. Exposure to University Level Expectations Since all AP courses offer instruction at first year university level, following university level curricula, using university level texts and resources, students gain the real benefit of having experienced these rigors prior to going to university. Studies by the College Board following up on AP students find a very high level of success by these students in first and second year courses beyond regular entry students.
3. Challenge AP courses give students an opportunity to challenge themselves beyond the normal expectations and thereby extend themselves intellectually. It also teaches students to develop effective work and study habits crucial to survival and success after secondary school.
4. Preparation AP courses are excellent preparation for Provincial exams.

WHO SHOULD CONSIDER TAKING AP COURSES?

A student taking AP does not necessarily require high intelligence. The characteristics below are of greater importance than raw intelligence:

- A proven record of success in school, particularly in the Pre-AP courses that lead to the AP course that you are thinking of taking.
- A serious commitment to and recognition of the importance of education.

- Motivation to achieve an ever-higher level of personal achievement.
- A well-developed work ethic including positive attitudes towards learning, challenge, and the consistent production of high quality work.

AP is not a gifted program for the select few. It is a program of enrichment and acceleration for the interested and motivated student.

WHAT ARE THE AP EXAMS?

Each of the AP courses has a final exam. For a college or university to consider granting you credit or placement for your AP course, you must write and pass the AP exam for that course. This exam is developed by a committee of AP teachers and University professors under contract to the College Board. The exams are 3 hours long and are written worldwide during the second and third week in May each year. The exams are sent to the College Board who hires AP teachers and university professors to mark them. Results of the exam are converted to a 5-point scale and mailed to students, their secondary school, and colleges or universities of the student's choice. The mark on the exam is really the College Boards way of providing recommendations to universities about the relative preparedness of this student for advanced placement at their university.

Any student who scores a 4 or 5 on an AP exam can use their result to apply for a Provincial Scholarship.

DO CANADIAN UNIVERSITIES REALLY ACCEPT AP?

Yes! Every university develops their own acceptance policy for AP as they see fit, but all major Canadian Colleges and Universities have acceptance policies in place that grant AP students placement, course credit, or both. For example, McGill grants credit and placement for any AP course with a score of 3 or better. UBC grants credit for some and placement for others with a score of 4 or 5. Your counselor can provide you with each university's policy.

DOES AP COST ME ANY MONEY?

There is a fee to write the AP exam part of which the school subsidizes.

DO I GET HIGH SCHOOL CREDIT FOR AP COURSES AS WELL AS COLLEGE?

Yes. The BC Ministry of Education recognizes all AP courses for credit. Generally you get credit for the equivalent high school course plus additional credit that the Ministry has determined an AP course is beyond the regular course if you complete the course by writing the exam.