

2018 – 2019

**COURSE
SELECTION
HANDBOOK**

Hope Secondary School



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FOREWORD

The purpose of this book is twofold:

1. It gives students and parents the necessary information for proper course planning at every grade level.
2. It also includes important information for our Grade 10, 11 and 12 students regarding graduation requirements.

Should you wish to discuss any aspect of this booklet or your son's or daughter's program, please contact either of our counsellors – Mrs. Wilkins or Ms. Marvell, at 604-869-9971.

POINTS TO REMEMBER:

1. **COURSE CHANGES:** The general deadline for course changes is **September 14, 2018**. Course changes requested after this date must include parental permission, teacher approval and administrative approval on an 'Application for Course Change' form.
2. If you plan on post-secondary education be sure to check prerequisites. We urge you to complete more than just the minimum requirements because this may give you the edge over other applicants if enrollment is limited at the institute of your choice. Be aware that a "B" average is often the minimum requirement for most institutions due to limits on enrollment.
3. Hope Secondary School may not offer courses for all programs. You are advised to speak to the counsellors regarding distance education and other possible options.

A Word of Caution:

It is a reasonably easy task for the majority of our students to graduate with the minimum requirements. However, we at Hope Secondary encourage all of our students to complete more than just the bare minimum. **It is so important that every student selects a course of studies that is personally meaningful and then strives for an enviable record of achievement.** It is our wish that every graduate of Hope Secondary leave the school with a real sense of pride in whatever he/she has accomplished.

SPECIALTY SERVICES

The following is a list of services provided to students as a support system to address special academic and personal needs.

LA – Learning Assistance

- a non-credit placement for academic & organizational support for students with challenges in learning
- students referred by teachers or parents are assessed on an individual basis

RRS - Resource Room Support


- a non-credit Resource Room placement for students with identified special needs as determined by Ministry criteria

The following is a list of additional services available to our students:

- * Academic Assessment
- * Distance Education
- * District Childcare Worker
- * Drug & Alcohol Prevention Worker
- * English as a Second Language (ESL)
- * First Nations Support Worker (FNSW)
- * Mental Health Support
- * Suicide Crisis Worker

2004 GRADUATION REQUIREMENTS

COURSE NAME	CREDIT VALUE	MINISTRY EXAM % CONTENT
English 10	4	
Foundations & Pre-Calculus Math 10 or Apprenticeship & Workplace Math 10	4	
Physical Education 10	4	
Planning 10	4	
Science 10	4	
Social Studies 10	4	
<u>2004 GRADUATION REQUIREMENTS, continued</u>		
Fine Arts and/or Applied Skills 10, 11 or 12	4	
English 11 OR Communications 11	4	
Pre-Calculus Math 11 or Mathematics 12 OR Apprenticeship & Workplace Math 11	4	
Social Studies 11 OR BC First Nations Studies 12	4	
Biology 11 OR Chemistry 11 OR Physics 11	4	
English 12 OR Communications 12 OR English 12: First Peoples	4	40%
Graduation Portfolio Assessment	4	
Grade 12 elective	4	
Grade 12 elective	4	
Grade 12 elective	4	
Grade 11 elective OR Grade 12 elective	4	
Grade 11 elective OR Grade 12 elective	4	
Grade 11 elective OR Grade 12 elective	4	
Grade 11 elective OR Grade 12 elective	4	

BREAKDOWN OF MINIMUM COURSE & CREDIT REQUIREMENTS	
Minimum Number of Course Required:	20 courses
Minimum Number of Credits Required:	80 credits
<p style="text-align: center;">48 credits from required courses 4 credits from Portfolio Assessment 28 courses from elective courses</p>	
	<p>Minimum of 16 credits at the Grade 12 level including English 12 Communications 12 OR English 12: First Peoples.</p>

HOME ECONOMICS DEPARTMENT

FDN 9 and FDN 10 - Food Studies 9/10

Students learn basic meal planning and preparation. They are instructed in food preparation of simple breakfasts, lunches, dinners, and snacks. Students are encouraged to develop an awareness and knowledge of nutritional needs and dietary habits, which foster good nutrition and health.

FDN 11 - Food Studies 11

Designed for students who want to further develop skills in food preparation, meal planning, budgeting, and evaluation of nutritional needs. Food preparation techniques and foods from various countries are experienced, encouraging an appreciation of a variety of tastes and cultural experiences.

FDN 12 - Food Studies 12

Students get practical experience in menu planning, budgeting, purchasing, and meal preparation. Nutrition, meal serving, food preservation, and cooking principles are also included.

MATHEMATICS DEPARTMENT

MA 8 - Mathematics 8

- required for students in grade 8

MA 9 - Mathematics 9

- with Math 8 credit

- required for grade 9 students

The first of a series of academic math courses required for admittance to many colleges and universities. Areas of study include: Number & Number Operations, Geometry, Measurement, and Algebra. A scientific calculator is required.

FMP 10 - Foundations & Pre-Calculus Math 10

- with Math 9 credit

- A Math course is required for grade 10 students

A more detailed and complex extension of Math 9. Areas of study include: Numbers, Exponents, measurement, trigonometry, polynomials, factoring, relations & functions, and equations & systems of linear relations.

OR

AWM 10 - Apprenticeship & Workplace Math 10

- with Math 9 credit

- A Math course is required for grade 10 students

Areas of study are: Net & Gross Pay, Metric & Imperial Conversions, Geometry and Trigonometry. A scientific calculator is required.

MATHEMATICS DEPARTMENT, continued

MPREC 11 - Pre-Calculus Math 11

- with FMP 10 credit

- A Math 11 course is required for grade 11 students

A continuum of the format developed in Math 9 & 10. Areas of study are: Sequences & series, radicals, trigonometry, factoring, quadratic/rational/absolute value/reciprocal functions and linear and quadratic systems and inequalities.

Recommended: C+ or better in Foundations & Pre-Calculus Math 10 or see your counsellor.

OR

MAWM 11 - Apprenticeship & Workplace Math 11

- A Math course is required for grade 11 students

- with Math 10 or AWM 10 credit

Areas of study include: Problem Solving, Data Analysis, Trigonometry, Measurement and Income & Budgeting. A scientific calculator is required.

MPREC 12 – Pre-Calculus Math 12

- with Pre-Calculus Math 11 credit

- elective for grade 12 students

Designed for students with above average mathematical abilities who plan post-secondary studies in fields requiring mathematics such as Accounting, Sciences or Engineering. Areas of study include: Functions & relations, transformations, exponential & logarithmic functions and their applications, polynomial functions & equations, permutations & combinations, rational & radical functions and graphs/equations/identities of trigonometric functions.

Recommended: C+ or better in Pre-Calculus Math 11 or see your counsellor.

CALC 12 - Calculus 12

- with MPREC 11 credit

- elective for students in grade 12 in Math

Designed for students who plan post-secondary studies in fields requiring mathematics. Areas of study include: Functions & Limits, Differentiation and Its Applications, Integration, Logarithmic and Exponential Functions, Absolute and Applied Maxima and Minima.

Pre-requisite: Pre-Calculus Math 11.

MODERN LANGUAGES DEPARTMENT

EN 8 - English 8

- required for students in grade 8

EN 9 - English 9

- with English 8 credit

- required for students in grade 9

MODERN LANGUAGES, continued

EN 10 - English 10

- with English 9 credit

The traditional 4-credit English 10 course is being broken into five specialized 2-credit courses, as a result of the new 2018 Graduation Program. Students must now take TWO of the five offerings. All courses will continue to develop reading, writing and speaking skills. As such, there will be required elements of written and oral communication in all courses.

STUDENTS WILL BE PROGRAMMED INTO ONE OF THE FOLLOWING:

Literary Studies 10

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. Giving students the choice of a range of literary topics allows them to follow their passion and at the same time:

- increase their literacy skills through close reading of appropriately challenging texts
- enhance their development of the English Language Arts curricular competencies, both expressive and receptive
- expand their development as educated global citizens
- develop balance and broaden their understanding of themselves and the world
- develop higher-level thinking and learning skills

OR

Composition 10

Composition 10 is designed to support students in their development of written communication through a critical process of questioning, exploring, and sampling. Within a supportive community of writers, students will work individually and collaboratively to explore and create coherent, purposeful compositions. Students will read and study compositions by other writers and consider a variety of styles as models for the development of their writing. The course builds students' writing competencies by introducing them to varied structures, forms and styles of compositions. Students have opportunities to individually and collaboratively study, create, and write original pieces, exploring audience and purpose. They also develop their craft through processes of drafting, reflecting and revising.

STUDENT WILL CHOOSE (IN PREFERRED ORDER) ONE OF THE FOLLOWING:

Creative Writing 10

Creative Writing 10 is designed for students who have an interest in creative expression through language. The course provides students opportunities to build their writing skills through the exploration of identity, memory and story in a range of genres. Within a supportive community of writers, students will collaborate and develop their skills through writing and design

MODERN LANGUAGES, continued

processes. This course is intentionally grounded in the sampling of writing processes, inviting students to express themselves creatively as they experiment with, reflect on and practice their writing.

New Media 10

New Media 10 is a program of studies designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. This course is intended to allow students and educators the flexibility to develop a program of study centred on students' interests, needs, and abilities, while at the same time allowing for a range of local delivery methods. New Media 10 recognizes that digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills vital for success in an increasingly complex digital world by affording opportunities to demonstrate understanding and communicate ideas through a variety of digital and print media. New Media 10 explores tasks and texts designed to introduce students to the study of New Media.

Spoken Language 10

Spoken Language 10 is designed to support students in their development of spoken communication through processes of questioning, exploring, and sampling. The course builds students' spoken language competencies by introducing them to varied structures, forms, and styles of oral compositions and by providing opportunities for students to individually and collaboratively study, draft, and use language to create original pieces in a variety of modes. This area of choice will also provide students with opportunities for performance, storytelling, and public speaking.

EN 11 - English 11

- required for students in grade 11

- with English 10 credit

Provides students with the opportunity to read and appreciate truly fine literature, with a focus on modern literary works and Shakespearean drama. Effective Speaking, writing, and thinking skills are further developed.

OR

COM 11 - Communications 11

Designed to assist students who have experienced difficulty in traditional English courses. This course focuses on English fundamentals and improvement of communication skills. Students will be placed in Comm 11 based on their previous teacher's recommendation or their parent may contact their child's counselor.

- with English 10 credit

MODERN LANGUAGES, continued

EN 12 - English 12

- required for students in grade 12

Designed to provide students with skills to develop a critical approach to literature. English 12 emphasizes critical analysis of a variety of forms of literature and communication including modern and Shakespearean drama, poetry, essays, novels and media literacy. Students are assisted in developing a mature and unique writing style in a variety of forms.

- with English 11 credit

- Ministry examination 40% of mark

OR

COM 12 - Communications 12

- required for students in grade 12

A course in practical English, designed for students who do not plan to pursue academic university or college transfer studies. This course allows admittance to many post-secondary vocational programs. Students will be placed in Comm 11 based on their previous teacher's recommendation or their parent may contact their child's counselor.

- with Com 11 or English 11 credit

- Ministry examination 40% of mark

FR 8 - French

- required for students in grade 8

FR 9 - French 9

- elective for students in grade 9

D'accord 1, chapters 1-4 is the main text. This text uses an interactive approach that balances reading, writing, speaking and listening. Students are expected to speak French in class when possible.

- with French 8 credit

FR 10 - French 10

- elective for students in grade 10

D'accord 1, chapters 5-8 is the main text. This text uses an interactive approach that balances reading, writing, speaking, and listening. Students are expected to speak French in class as much as possible.

- with French 9 credit

FR 11 - French 11

- elective for students in grade 11

D'accord 2, chapters 1-4 is the main text. This text uses an interactive approach that balances reading, writing, speaking and listening.

- with French 10 credit

More instruction is in French and students are expected to speak French as much as possible.

FR 12 - French 12

- elective for students in grade 12

D'accord 2, chapters 5-8 is the main text. This course is largely geared towards conversation and interaction in a multimedia context. Against the backdrop of French culture, film, television, and

- with French 11 credit

MODERN LANGUAGES, continued

other media, students will develop their oral and written comprehension skills in the target language (French) applicable to a variety of situations. Taking French 12 is a great step towards pursuing a career in a second language, wishing to travel abroad, or wanting to speak another language.

MUSIC & VOCALS DEPARTMENT

MCB 8 - Music Concert Band 8

- elective for students in grade 8
- pre-requisite: none, but previous musical knowledge would be a great asset

Students will be involved in listening to, creating and performing band repertoire as well as studying music theory and history. Students are expected to practice technique and repertoire regularly. Attendance is mandatory for all rehearsals, concerts and festivals. School instrument rental fees are \$80 per school year.

Concert tours only occur when the band as a whole has displayed musical and personal maturity.

MUSIC & VOCALS, continued

MCB 9 - Music Concert Band 9

- elective for students in grade 9
- pre-requisite: Band 8 or Instructor's permission

This class is a continuation of Band 8. Students will be involved in listening to, creating and performing band repertoire as well as studying music theory and history. Students are expected to practice technique and repertoire regularly. Attendance is mandatory for all rehearsals, concerts and festivals. This course holds performances frequently. School instrument rental fees are \$80 per school year.

MCB 10 - Music Concert Band 10

- elective for students in grade 10
- 4 credits
- pre-requisite: Concert Band 9 or Instructor's permission

Students will be involved in listening to, creating and performing band repertoire as well as studying music theory and history. Students are expected to practice technique and repertoire regularly. Attendance is mandatory for all rehearsals, concerts and festivals. School instrument rental fees are \$80 per school year.

MUSIC & VOCALS, continued

IMCB 11 or IMCB 12 – Instrumental Music Concert Band 11/12

- 4 credits
- pre-requisite: Concert Band 10 or Instructor's permission

This class is a continuation of Concert Band 10. Students will be involved in listening to, creating and performing band repertoire as well as studying music theory and history. Students are expected to technique and repertoire practice regularly. Attendance is mandatory for all rehearsals, concerts and festivals. School instrument rental fees are \$80 per school year.

IMG 10 or IMG 11 or IMG 12 – Instrumental Music Guitar 10/11/12

- Pre-requisite: None, but previous musical knowledge would be a great asset
- 4 credits

Open to all students. Students will learn basic guitar technique of chording, strumming and finger-style then progress to more advanced levels. By end of the course, students must be able to play by ear and notation (standard & tab). Students are expected to practice technique and repertoire regularly. Attendance is mandatory for all rehearsals, concerts and festivals. School instrument rental fees are \$20 per school year.

New* MCT 11 or MCT 12 - Music Composition and Technology 11/12 *New (4 credits)

Prerequisite: Proficiency on at least one instrument or voice.

Students will learn to compose, edit, record, and manipulate musical forms. Recording will be done using a digital mixing board and recording software. Students will also explore the relationship between current technology and music, investigate career options in the music industry and study the role of music in society. Recording gear equipment fee is \$50 per year. If you have any questions, please see Mr. Dayrit.

PHYSICAL EDUCATION DEPARTMENT

PE 8 - Physical Education 8

- required for students in grade 8

PE 9 - Physical Education 9

- required for students in grade 9 with PE credit

PE 10 - Physical Education 10

- required for students in grade 10 with PE 9 credit

PE 11 - Physical Education 11

- elective for students in grade 11 with PE 10 credit

The major components of this elective course are participation in **lifetime** sports such as curling, skating, tennis, Personal Fitness - running component, and First Aid Training.

Physical Education Department, continued

PE 12 - Physical Education 12 - elective for students grade 12 with PE 11 credit
For students interested in maintaining regular physical activity and experiencing new activities, units in this elective course include seasonal team and individual sports, community activities such as curling, swimming, tennis, skating, etc.

YHRAOA 10 - Personal Fitness 10 - 4-credit elective for students in grade 10
This course is designed for students who wish to improve their fitness level through various activities including running, weight training, and other activities. Students are also introduced to diet and nutrition as part of a healthy lifestyle.

YHRA1A 11 - Personal Fitness 11 - 4-credit elective for students in grade 11
This course is designed for students who wish to improve their fitness level through various activities including running, weight training, and other activities. Students undertake an in-depth study of diet and nutrition as part of a healthy lifestyle.

YHRA2CF - Personal Fitness 12 - 4-credit elective for students in grade 12
Personal Fitness 12 is a class that focuses on nutritional, strength, and cardiovascular health, with students strength training at the school and a local gym. Nutritional tours and reflecting on eating habits, engaging in running and various other cardiovascular activities.

SCIENCE DEPARTMENT

SC 8 - Science 8 - required for students in grade 8

SC 9 - Science 9 - with Science 8 credit
- required for students in grade 9

PASSING SCIENCE 10 IS A GRADUATION REQUIREMENT

SC 10 - Science 10 - with Science 9 credit
- required for students in grade 10

PASSING A SCIENCE 11 COURSE IS A GRADUATION REQUIREMENT

SCIENCE DEPARTMENT, continued

BI 11 - Biology 11

This life science course includes the following topics: major animal groups; vertebrates and invertebrates; bacteria & viruses; symptoms of epidemic diseases; major plant groups with emphasis on recognition of local species; bioethics; etc. Students are expected to participate in local field trips and the resulting lab identification work that is an integral part of the course. Good work habits are essential.

CH 11 - Chemistry 11

Addresses many topics of chemistry: the nature of matter, formulas, measurement, significant digits, chemical reactions, the mole, stoichiometry, solutions, periodic table, electron configuration, chemical bonding and organic chemistry. Chemistry 11 is a prerequisite for students planning to take Chemistry 12. The organic chemistry is useful for students taking Biology 12. Chemistry 11 is required for students planning to go into Nursing. Laboratory work comprises a significant part of the course. A scientific calculator is required. Good work habits are essential.

PH 11 - Physics 11

Students explore topics related to waves, optics, mechanics, energy, momentum, and special relativity. Laboratory work comprises a significant part of the course. A scientific calculator is required. Good work habits are essential.

BI 12 - Biology 12

- Biology 11 required

This course covers Human Biology, Cell Biology, and Molecular Biology. It is of particular value to students planning to take post-secondary courses in biology, botany, kinesiology, nursing, physical education, psychology, and zoology. Good work habits are essential.

CH 12 - Chemistry 12

- Chemistry 11 required

Covers selected topics in detail: Reaction Kinetics, Equilibrium, Solutions, Electrochemistry, and Acid-Base Chemistry. Laboratory work comprises a significant part of the course. A scientific calculator is required. Good work habits are essential. This course (often in tandem with Physics 12 and/or Biology 12) is a prerequisite for many post-secondary programs such as: chemistry, biochemistry, earth & ocean science, environmental science, pharmacy, medicine, dentistry and engineering.

PH 12 - Physics 12

- Physics 11 required

Expands upon topics from Physics 11, stressing 2-D problems and vector analysis. Topics include mechanics and electromagnetism. A scientific calculator is required. Good work habits are essential. This course (often in tandem with Chemistry 12 and/or Biology 12) is a prerequisite for many post-secondary programs such as: physics, engineering, computer science, earth & ocean science, astronomy, architecture and kinesiology.

SOCIAL STUDIES DEPARTMENT

SS 8 - Social Studies 8

- required for students in grade 8

SS 9 - Social Studies 9

- required for students in grade 9

- with SS 8 credit

SS 10 - Social Studies 10

- required for students in grade 10

- with SS 9 credit

SS 11 - Social Studies 11

- with SS 10 credit

- required for grade 11 students

This course is designed “to develop thoughtful, responsible, active citizens who are able to acquire the requisite information to consider multiple perspectives and to make reasoned judgments.” (Ministry Integrated Resource Package 2005) Topics include politics, government, history, human geography, society and identify from a Canadian perspective.

OR

FNS 12 - BC First Nations Studies 12

- with SS 10 credit

- required for grade 11 students

A study of First Nations influences in art, literature, education, geography, history, tradition, land rights, resources, and culture. Students learn about these topics through guest speakers, projects, field trips, debate, videos, written materials and oral traditions.

HI 12 - History 12

- with SS 10 credit

- elective for grade 11 and 12

This course focuses on the forces, events, personalities, and institutions that have shaped the modern world. Topics include: the aftermath of WW1, Russian Revolution, Roaring Twenties, Great Depression, Interwar Period – rise of the dictators, WW II, Cold War, Vietnam War, China’s Cultural Revolution, and events to 1991.

LAW 12 - Law 12

- with SS 10 credit

- elective for grade 11 and 12

Everyone should know his or her legal rights and responsibilities – do you? “Ignorance of the law is no excuse.” Law 12 has been developed to high school students who have an interest in Canadian law and wish to understand how it functions in our society. This class fosters skills and attitudes that enhance the student’s ability to address legal, social and ethical issues. The goal of this course is to make students legally literate citizens. While engaging in this course, students will discover that law is not necessarily black and white. Every citizen should take this class!

SOCIALS STUDIES DEPARTMENT, continued

SJ 12 - Social Justice 12

- with SS 10 credit

- elective for grade 11 and 12

Social Justice 12 promotes the pursuit of social justice and encourages students to develop the commitment and ability to work toward a more just society. The aim of SJ 12 is to raise students' awareness of social injustice, to enable them to analyse situations from a social justice perspective and to provide them with knowledge, skills and an ethical framework to advocate for a socially just world.

Goals of Social Justice 12:

- recognize and understand the causes of injustice
- apply critical thinking and ethical reasoning skills to social justice issues
- become responsible agents of change

Topics Include: Social Justice Beliefs & Values, Poverty & Homelessness, Racism, Gender, LGBTQ, Mental Health, Status of Women, Genocide, Human Trafficking, Modern Day Slavery, Globalization.

Social Justice 12 is a participatory course that requires self-analysis, social analysis, respect for diversity, a willingness to take action and a willingness to respectfully discuss controversial issues.

MCCN 12 - Comparative Civilizations 12

- with SS 10 credit

- elective for grade 11 and 12

Comparative Civilizations 12 is a four-credit course, which focuses on “the study of the interrelationships among values, cultures, civilization and the arts.” It provides students with a wide range of experiences and skills that facilitate their understanding of, and sensitivity to, a cultural and social history. Connections and parallels between past and present will be explored throughout the course. Topics include Ancient Egypt, Ancient Greece, Ancient Rome and the Mayan Empire.

MGEO 12 – Geography 12

In Geography 12, we examine how the earth works in the air, on the ground, under the ground, and among living things. We examine how humans adapt to and change or alter the physical environments around them. We explore how humans have special attachments and uses for particular places. We ask questions about what is going on and what it all means. What's our connection to the world around us? This is a course that helps students become more place-conscious and aware of how their surroundings were shaped and how they shape us in return. The **Big Ideas** of our course provide some focus areas and themes for our course, and help explain some of the reasons why Geography is important. We will explore landscape, climate, earth structures and environmental change through such topics as rivers, glaciers, and climate change.

SOCIALS STUDIES DEPARTMENT, continued

BIG IDEAS

- Incorporating data from a variety of sources allows us to better understand our globally connected world.
- Natural processes have an impact on the landscape and human settlement.
- Human activities and resource use affect the environment.
- Interactions between human activities and the atmosphere affect local and global weather and climate.
- Tectonic plates are in constant motion and their interactions produce earthquakes, volcanoes, and characteristic landforms on the Earth's surface.
- Weathering and erosion processes shape landscapes through the interaction of the geosphere and hydrosphere.

SPECIALTY COURSES

YLEAD 8 – Leadership 8

- elective for students in grade 8

- outside regular timetable

YLEAD 9 – Leadership 9

- elective for students in grade 9

- outside regular timetable

YLEAD 10 – Leadership 10

- elective for students in grade 10

- outside regular timetable

YLEAD 11 – Leadership 11

- elective for students in grade 11

- outside regular timetable

YLEAD 12 – Leadership 12

- elective for students in grade 12

- outside regular timetable

LD8, LD 9, LD 10, LD 11 and LD 12 – LEADERSHIP

Have you ever wondered how you could make your community a better place? Do you want to be involved in planning student activities, running assemblies, selling candy grams, and thinking of crazy stuff for students to do at lunch? Would you like to learn skills that will enable you to do both and then carry those skills into your post-high school life? Well now you can do all this and more!

Students will learn skills like event planning, public speaking, advertising and marketing.

These skills will then be used both inside and outside the school – food drives, clothing drives, spirit weeks, social issues like homelessness, and environmental projects. Students in this course will make a difference! LeaderSH(OUT) is offered outside the timetable at 7:30am and will be taught by Mrs. Poulin and Mrs. Wilkins.

TECHNOLOGY EDUCATION DEPARTMENT

WOODWORK TECHNOLOGY

Technology Education 9: Woodwork

Woodwork 9 is an introductory course, which involves various aspects of cabinet making. The course begins with the study of the material, and then moves on to designing and constructing a project within specific guidelines. Emphasis is placed on the correct and safe operation of power equipment and hand tools. The theory portion involves safety, wood technology, basic joinery, machine shop practices, and design, but the majority of the time will be spent on “hands on” activities. Activities will include student design projects leading towards small furniture design and manufacture.

Technology Education 10: Woodwork

Woodwork 10 serves to review, refine, and further acquired skills in Woodwork 9. Students create their learning experiences through individually designed projects. Emphasis is placed on effective wood design as it applies to traditional cabinet making techniques. The theory involves safety, machine shop practices, and design awareness assignment to a greater extent than covered in the previous course, but the majority of time will be spent on project work. Activities may include student-designed projects such as creative containers, wood turnings, and household racks leading towards a major project(s) where students may choose from a number of furniture/cabinet frameworks, which provide variety and challenge. Costs are associated with projects taken home and personal tools.

Technology Education 11-12: Woodwork

- elective for grade 11 & 12

Expands on prior knowledge and introduces advanced machine tool processes. This course will explore current and traditional woodworking in BC, including bentwood boxes to structural laminated timber innovations. Students will gain experience in forming and bending, turning, finishing and tool care and more. Students will produce one assigned project, a special challenge project and a project of their choosing. Students will need to complete a design package for their chosen project. This course is for anyone, not just students expecting to enter a trade.

METALWORK TECHNOLOGY

Technology Education 9: Metalwork

- no pre-requisite

Metal Technology Education will introduce students to Metalwork through practical hands on projects. This course will focus on basic metalwork procedures using hand tools and machinery as well as allowing room for design through metal art and jewelry making. Projects are designed to expose students to a number of different metalworking processes including sheet metal, bending, machining (cutting, drilling, turning, etc) welding, forging (blacksmith) and casting.

TECHNOLOGY EDUCATION, continued

Metal Fabrication and Machining 11/12

- Metal Technology 9/10 would be an asset

This course is designed for students to learn foundational theory and basic practical skills related to machining, welding, fabrication, metallurgy, sheet metal and art metal. Areas of study will include health and safety, personal and project management, mathematical applications, tools and equipment, materials, cutting processes and forming and joining processes. Activities will include theory lessons, demonstrations and practical activities related to course content and personal project development and construction.

AUTOMOTIVE TECHNOLOGY

MAT-11DIS-F: Auto Tech Girls

- grades 10 - 12

Girls enrolled in this class will learn the basics of automotive while building their confidence working around small gas engines and vehicles. They will learn the language they need to communicate and to understand technical terms. They will learn the basics of diagnostics and repair, automotive tools and equipment and much more. You will no longer be stranded on the side of the road with a flat tire or need to take your vehicle in for an oil change.

TEG 10 - Mechanics Technology 10

- no pre-requisite

- elective for students in grade 9 and 10

This course is an introduction to principles of engineering, design, mechanics and electronics. The course will focus on the physics and design involved in making things work. Units may include mousetrap car build and race, bridge building competition, simple electronics, introductory computer drafting, bicycle mechanics, hydraulics and small internal combustion engines. Through lectures, projects, labs and quizzes, students will be assessed on their demonstrated development of understanding. This course is for anyone, not just students expecting to enter a trade.

SKILLS EXPLORATION

Skills Exploration 11/12

This course is designed to be a very practical experience for the students. In addition to lecturing and visually reinforcing the learning outcomes through videos, examples and labs.

VISUAL ARTS DEPARTMENT

VAG 10 - Yearbook 10

- elective for grade 10 students
- see Yearbook 12 for description

VAMT 11 - Yearbook 11

- elective for grade 11 students
- see Yearbook 12 for description

VAMT 12 - Yearbook 12

- elective for grade 12 students

Students enrolled in this class will produce our school's annual yearbook. This project includes digital photography, principles of design, interviews, journalism and marketing. Interested students should possess some of the following characteristics if they are to be successful in the course:

- Trustworthy
- Mature
- Self-motivated
- Driven
- Grit/perseverance
- Creative/curious
- Passionate
- Tenacious
- Respectful
- Dedicated
- Driven
- Have high standards for themselves and the project
- Committed to excellence
- Hard working
- Able to work well on a team and with others
- Willing to engage with the creative process (feedback, revision, open minded)

Please note: This course does require a commitment to some activities outside of class time.

YVPA-1B - Photography I

- no pre-requisite

- elective for students in grade 10, 11 or 12

This course is for students who want to learn how to use a film camera and darkroom to make black and white photographs. It should be noted that this is an art course and students will be expected to demonstrate the ability to make meaningful connections to the images being

VISUAL ARTS, continued

produced. Instruction will include the technical basics of using this analog medium, but also the thematic approach to picture making. Connections to art history will be made along the way as well.

YVPA-2B- Photography II

- with Photography I credit

This course will extend beyond the content studied in Photography I. There will be a focus on advanced skill development, experimentation with alternate darkroom processes and the addition of medium format and large-scale printing. More self-motivation and direction will be required. Many projects will be flexible with the focus of creating a body of work by the end of the course.

VAG 9 - General Visual Arts 9

- no pre-requisite

- elective for grade 9 students

This course is a comprehensive introduction to art making in high school. The primary function of this course is to expose students to a wide range of mediums and processes. This may include: printmaking, painting, drawing, photography, ceramics and paper-mache.

Ceramics & Sculpture (Studio Arts, SACS11)

- 4-credit elective

Open to grade 10, 11 & 12 students. This course will explore different forms of three-dimensional art. The main focus will be on ceramics, with an emphasis on hand building. We will also explore glazes, wheel throwing, paper mache and soft sculpture. Both figural and functional works will be produced.

VAG 10, AF 11, AF 12 – Art Foundations

- 2 or 4-credit option

- elective for grade 10, 11, 12 students

Students will be exposed to a wide range of mediums and themes throughout this course. The focus will be on using a variety of processes, materials, technologies, and visual strategies to create personally meaningful 2D and 3D works of art. The emphasis will always be on the creative process not merely the technical skill development. This is a comprehensive course designed to facilitate a broad range of experiences in 2D and 3D visual arts. Drawing design, print media, painting, installation art, hand building and other alternative forms may be explored.

MVAM-10MA, MVAMT 11, MVAMT 12 - Media Arts

(Elective for grade 10, 11 or 12 students)

This course will cover basic digital photography skills as well as graphic design. Students in this course will use programs such as Adobe Photoshop, InDesign and Illustrator to create digitally based artwork. It should be noted that this is an art course, where technical abilities will be used to create personally meaningful works of art.

DRAMA - THEATRE DEPARTMENT

DRG 10 - General Drama 10

- 4-credit elective

- elective for grade 9 and 10 students

No pre-requisite, for students in grade 9, 10, 11 or 12 with no previous drama credit or experience. This course is designed to build confidence and communication skills through individual and group drama games and activities. This course will introduce the concepts of dramatic movement, speech, theatre sport, character development and scene creation.

There is an emphasis in this course on creation. Daily participation and teamwork account for half the evaluation, and projects and presentations comprise the other half. There is an expectation that commitment will be made to rehearsal and planning beyond regular class hours.

TPA 11 - Theatre Performance Acting 11

- 4-credit option elective

- elective for grade 10 and 11 students, 4-credit

Pre-requisite: Drama 10 credit or permission from course instructor. For students in grades 10, 11 or 12. This course is a continuation of Drama 10 and intends to build on skills and approaches learned in this course, though a stronger emphasis on acting, character and script development, performance and presentation. Public performance will be a requirement and there is an expectation that students are prepared for the necessary commitment level.

TPA 12 - Theatre Performance Acting 12

- with TPA 11 credit

- elective for grade 11 and 12

- 4-credit option elective

Pre-requisite: Theatre 11 credit, for students in grade 11 or 12. Students continue to develop and refine the acting skills first introduced in Theatre 11. Stronger emphasis will be made on range of acting and character capabilities, and further exploration of different genres and styles of theatre. This course also introduces directing methods and techniques and students will be expected to direct each other in class presentations.

PERSONAL PLANNING COURSES

Goal: To promote career and personal development by enabling students to develop skills to become self-directed individuals who set goals, make thoughtful decisions, and take responsibility for pursuing their goals throughout life.

PERSONAL PLANNING, continued

PLANNING 8

- one of the four components of the Applied Skills 8 course

- topics include:

- healthy lifestyle
- career exploration
- communication skills
- goal setting and decision-making
- self-assessment inventories

PLANNING 10

- this course is NOT being offered after the 2017/18 school year.

GRADUATION PORTFOLIO

Four of the 80 credits you need for graduation come from your Graduation Portfolio. This is a collection of evidence that proves you have developed more than academic skills. In today's world you need all kinds of skills to succeed. You will start work on your Portfolio in Grade 10 and continue through Grade 12.

The Portfolio consists of three areas, which must be completed in order to receive four credits:

1. 80 hours of moderate to intense physical activity during grades 11 and 12.
2. 30 hours of Work Experience and 5 hours of Community Volunteer.
3. A Transition Plan - this consists of several parts, which will be presented to students in grades 10, 11 and 12.

CAREER PROGRAMS

WORK EXPERIENCE (WEX)

START DATE: if you are thinking of working over the summer, these 4 to 8 grade 12 credits may be for you. By pre-registering for WEX 12 courses in mid-May to mid-June you can start on your 100 – 200 work experience hours as of July 1st. To start this early on the course, you must see the school's career transition coordinator to determine what paperwork/documents must be completed before July 1st. Additionally, the work place safety component of the WEX program must be completed and handed in before July 1st.

Pre-requisite: 15 years of age

GOALS: Provide students with opportunities to integrate school-based learning with community based work experience. Develop soft-skills and hard-skills and hard-skills that transfer into employability skills enabling you to work effectively and collaboratively in the workplace.

CAREER PROGRAMS, continued

FOCUS AREAS:

- Business/Applied Skills
- Fine Arts/Design/Media
- Hospitality/Tourism/Foods
- Trades & Technology
- Liberal Arts/Humanities
- Health/Human Services
- Fitness/Recreation
- Science/Applied Science

CREDIT BASED WORK EXPERIENCE PROGRAM

WEX 12 - Work Experience 12A/B

- 4 credits
- 100 hours – can be a combination of paid, career shadow, volunteer (max 50 hours paid)
- elective for grade 11 and 12 students
- arranged with Career Education Coordinator

SECONDARY SCHOOL APPRENTICESHIP (SSA)

START DATE: If you are thinking of working over the summer, these 16 grade 12 credits may be for you. By pre-registering for SSA 11 courses in mid-May to mid-June you can start on your 120 – 480 apprenticeship hours as of July 1st. To start this early on the course, you must see the

school's career transition coordinator to determine what paperwork/documents must be completed before July 1st. Additionally, the work place safety component of SSA program must be completed and handed in before July 1st.

Pre-requisite: 15 years of age. Employed in an apprenticeship trade. Registered with Industry Training Authority (ITA).

Goals: Provide students with opportunities to integrate school-based learning with personal career goals and start on your career before your grade 12 graduation. You will develop soft-skills and hard-skills that transfer into employability skills enabling you to work effectively and collaboratively in the workplace. Earn while you learn!

CREDIT BASED SECONDARY SCHOOL APPRENTICESHIP (SSA) PROGRAM

All apprenticeship courses are:

- 4 credits each course
- 120 hours of paid apprenticeship hour
- eligible for \$1000 scholarship (900 hours by December of graduation year)

CAREER PROGRAMS, continued

Application process:

- find an employer sponsor (your workplace/parents/network)
- see your Career Transition Coordinator for application and interview
- once registered, start work and keep track of your hours

SSA 11A - Apprenticeship 11A

- 4 credit elective for 120 hours of work, outside timetable

SSA 11B - Apprenticeship 11B

- 4 credit elective for 120 hours of work, outside timetable

SSA 12A - Apprenticeship 12A

- 4 credit elective for 120 hours of work, outside timetable

SSA 12B - Apprenticeship 12B

- 4 credit elective for 120 hours of work, outside timetable