

**HAZELTON SECONDARY SCHOOL
COURSE CATALOGUE
2018-2019**



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GRADUATION REQUIREMENTS

SUMMARY OF GRADUATION REQUIREMENTS

We are currently in a transition year from the 2004 Graduation Program to the 2018 Graduation Program. Students in Grade 12 in the 2018-2019 school year will continue on the 2004 program requirements this year, while students entering Grade 11 will have a blend of requirements from both programs. Grade 10 students in the 2018-2019 school year will follow the 2018 Graduation Program.

The following summarizes what all students need to earn their Dogwood diploma:

- 48 credits of required courses (12 courses)
- 12 credits of Grade 12 elective courses (3 courses)
- 16 credits of Grade 10, 11, or 12 level elective courses (4 courses)
- 4 credits of Graduation Transitions (or Capstone Project for 2018 Grad Program)

REQUIRED COURSE CREDITS

- Language Arts 10 (4 credits or two 2-credit courses for 2018 Grad Program)
- English 11 or English First Peoples 11 (4 credits)
- English Language Arts 12 or English First Peoples 12 (4 credits)
- Social Studies 10 (4 credits)
- a Social Studies 11 (4 credits)
- Science 10 (4 credits)
- a Science 11 or 12 (4 credits)
- a Mathematics 10 course (4 credits)
- a Mathematics 11 course (4 credits)
- P. E. 10 (4 credits)
- Planning 10 (4 credits) (will become Career Education and Career Life courses for 2018 Grad Program)
- Applied Skills/Fine Arts 10/11/12 (4 credits)

ELECTIVE COURSE CREDITS

Students must earn a minimum of 28 credits:

- 12 credits must be Grade 12 courses (in addition to the Language Arts 12 course)
- 16 credits may be Grade 10, 11, or 12 courses

GRADUATION TRANSITIONS/CAPSTONE PROJECT

Students earn 4 credits for Grad Transitions (2004 Grad Program); GT will be replaced by the Career Life courses + Capstone project under the 2018 Grad Program.

COURSE SELECTIONS

A student completing a full course load earns 32 credits in one school year. Students completing a full load of courses over three years earn 96 credits; the minimum number of course credits to graduate is 76 plus 4 credits for Grad Transitions. Students completing courses outside the regular day may earn more than 32 credits in one year.

GRADUATION REQUIREMENTS CREDITS

GRADE TEN

1. English Language Arts 10 (2 courses)
2. Sciences Humaines 10 or Social Studies 10
3. Science 10
4. Apprenticeship and Workplace Mathematics 10 OR Foundations of Mathematics and Pre-Calculus 10
5. Physical Health Education 10
6. Career Education 10

GRADE ELEVEN

7. English 11 OR English First Peoples 11
8. Sciences Humaines 11, Social Studies 11, OR B. C. First Nations Studies 12
9. Biology 11, Chemistry 11, Earth Science 11, Physics 11, OR Sustainable Resources 11
- 10 Apprenticeship and Workplace Mathematics 11, Foundations of Mathematics 11, OR Pre-Calculus 11

GRADE TWELVE

11. English Language Arts 12 or English First Peoples 12
12. Grade 12 course
13. Grade 12 course
14. Grade 12 course
15. Applied Skills or Fine Arts course 10, 11, or 12
16. Elective 10, 11, or 12
17. Elective 10, 11, or 12
18. Elective 10, 11, or 12
19. Elective 10, 11, or 12
20. Graduation Transitions

POTENTIAL COURSE OFFERINGS

This is the list of potential courses being offered.

* outside of the school day

** by application

*** usually only available every 2nd year, depending on demand

Arts Education

Drama 10: General

Theatre Performance 11: Acting

Theatre Production 11: Stagecraft

Theatre Performance 12: Acting

Theatre Performance 12: Theatre Management

First Nations Art 10/11/12

Art 10

Photography 10

Studio Arts: Drawing and Painting 11

Studio Arts: Drawing and Painting 12

Yearbook 12*

Career and Personal Planning

Career Education 10

Peer Tutoring 11 and 12**

ACE-IT (in Terrace)**

Work Experience 12A & 12B *

English Language Arts

Composition 10

English First Peoples Writing 10

New Media 10/EFP New Media 10

Spoken Language 10/EFP Spoken Language 10

Literature Studies 10/EFP Literature Studies 10

English 11

English First Peoples 11

English 12

English First Peoples 12

Home Economics

Family and Society 10

Foods Studies 10

Textiles 10

Foods and Nutrition 11

Textiles 11

Foods and Nutrition 12

Textiles 12

Fabric and Fibre 11/12

Family Studies 12

Intro to Culinary Arts 10/11/12 (2 courses – half days)

Languages

Gitxsanimx 10
Français Langue Seconde-Immersion 10
French 10
Gitxsanimx 11
Français Langue Seconde-Immersion 11
French 11
Français Langue Seconde-Immersion 12

Mathematics

Workplace Mathematics 10
Foundations of Mathematics and Pre-Calculus 10
Apprenticeship and Workplace Mathematics 11
Foundations of Mathematics 11
Pre-Calculus 11
Foundations of Mathematics 12***
Pre-Calculus 12***

Physical Education

Physical and Health Education 10
Physical Education 11
Physical Education 12
Leisure and Recreation 11/12

Science

Science 10
Biology 11
Chemistry 11
Earth Science 11
Physics 11
Sustainable Resources 11
Biology 12
Chemistry 12***
Physics 12***

Social Studies

Social Studies 10
Social Studies 11
B. C. First Nation Studies 12
Geography 12***
History 12***
Law 12***
Psychology 12***
Social Justice 12***

Information and Communication Technology and Technology Education

Computer Studies 10
Information Technology 11/12

Electronics and Robotics 10
Metalwork 10
Power Technology 10
Woodwork 10
Automotive Technology 11
Carpentry and Joinery 11
Metal Fabrication and Machining 11
Automotive Technology 12
Carpentry and Joinery 12
Fine Art Woodwork 11/12
Metal Fabrication and Machining 12
Youth Explore Trades Sampler 10/11/12***

FRENCH IMMERSION STUDIES

To graduate with completion of the French Immersion Program, a student must earn credit for Français Langue 10, 11, and 12 courses and three additional courses taught in French, as well as the other standard graduation requirements.

Hazelton Secondary offers Planification 10, Français Langue 10, Français Langue 11, Français Langue 12, Sciences Humaines 10, Sciences Humaines 11.

ADULT DOGWOOD PROGRAM

Students who are 18 years of age and have not been able to complete regular Dogwood graduation requirements may wish to pursue the Adult Dogwood.

To graduate with an Adult Dogwood, students must complete an English Language Arts 12 course, a Math 11 course, and at least three additional Grade 12 electives, or Socials 11 (or BC First Nations Studies 12) and two additional Grade 12 electives. Students in the Adult Dogwood program may opt out of provincial exams.

The school district will approve applicants for the Adult Dogwood program.

EVERGREEN DIPLOMA (School Completion Certificate)

This program is designed for students who, due to documented achievement, ability, and individual educational assessments in school, will not graduate from the regular British Columbia secondary school program with a Dogwood Certificate. Students on the Evergreen program will have individually designed programs intended to strengthen their basic skills, work experience, and post-secondary transition options. Some students will also receive instruction in life skills. In addition, students in this program will be integrated into regular courses and classes in which they can be successful, including but not limited to, Physical Education, Home Economics, Technical Education, and Fine Arts courses. Students in the Evergreen program may be integrated into regular core courses such as English and Math, receiving modifications appropriate to their needs, or they may be in modified English and Math classes in a smaller group setting. At the end of the program, which usually lasts three years (if students enter in grade 10), students receive an Evergreen Certificate signifying completion of three years of study in the secondary school.

Written parental consent and district approval is required for students to be on an Evergreen program.

COURSE DESCRIPTIONS

Arts Education

Art Studio 10

Students will be introduced to a variety of visual arts elements, the principles of design, and image development. Students will use a variety of materials, strategies, techniques, and technology. It may include drawing, painting, pen and ink, charcoal, sculpture, and other media.

Drama 10/11/12: Film and Television

Students will develop their skills with digital camcorders, directing, filming, editing, storyboarding, screenwriting, and acting. Students will learn to use various programs for editing and soundtracks and will make their own short films for production.

Drama 10/11/12: Theatre Production

Students will develop their skills in a range of theatre activities, including play production, directing, backstage, and acting. Students will learn about stage management, lighting, sound, costumes, publicity, make-up, and props. This course encourages the development of confidence, communication skills, and leadership skills.

Music: Guitar 10/11/12

This course welcomes students of all ability and experience levels, from beginner to advanced. Students will work on individual growth on the guitar. They will learn to read music in both the traditional notation and the tab method. Students will develop the skills and confidence to play chords and scales, and music of their choosing. Practice is crucial to becoming an accomplished musician.

Photography 10

Students will be introduced to a variety of visual arts elements, the principles of design, and image development as they applying to photography. Students will use a variety of materials, strategies, techniques, and technology in the area of digital photography. They will also develop an understand of the behaviours of light as they apply to the photographic process.

Studio Arts 11 and 12: Drawing and Painting

Students will have the opportunity to develop their skills in pen and ink, charcoal, drawing, painting, and other techniques. New ideas, materials, and processes for artistic thinking and experimentation will be presented. The elements and principles of design and the relationship between form and content will also be highlighted. Students will also learn about works of art and their historical context.

Studio Arts 11 and 12: Graphic Arts

Students will have the opportunity to develop their skills in print-making and graphic design. New ideas, materials, and processes for artistic thinking and experimentation will be presented. The elements and principles of design and the relationship between form and content will also be highlighted. Students will also learn about works of art and their historical context.

First Nations Art 10/11/12

First Nations Art is a locally developed course that enables students to develop the skills to draw basic designs, paint, enlarge images to scale, and design images of their own. Additionally, they will learn to carve, learn the proper use of knives for carving, and apply designs of their own to their carvings.

Yearbook 12

Students who participate in the development of the school yearbook for three years (during their Grade 10, 11, and 12 years) can earn credit for their work. They must be involved in the weekly yearbook club meetings, participate in taking photos at school events, learning the design and development process through the online system, and promote yearbook sales.

Career Education

Career Life Education (and Career Life Connections + Capstone project)

This is a mandatory course replacing Planning 10. Students can take this course in Grade 10 or Grade 11. Combined with Career Life Connections and the Capstone project, students will earn 8 credits towards graduation when these courses are completed. They involve setting goals, financial planning, employability skills development, post-graduation opportunities, work experience, workplace etiquette, workplace safety, career planning, etc.

Peer Tutoring 11

Students will have the opportunity to develop strong interpersonal and leadership skills while working in a classroom setting to assist students and the sponsor teacher. The course focusses on the development of leadership skills, communication skills, role model qualities, building rapport, self-confidence, and tutoring skills. This course is open to students in Grade 11 and 12.

Peer Tutoring 12

Students in this course will build on the skills gained in Peer Tutoring 11, and involves developing and implementing mini teaching lessons in collaboration with the sponsor teacher and a final leadership activity project in addition to the weekly assignments and conferences. This course is open to students who have completed Peer Tutoring 11.

Personal Futures 12

This locally developed course allows students the time, place, and opportunity to complete Grad Transitions as well as other hands-on units involving technology, planning for the future, career and post-secondary options, life skills, etc. Students who complete both the PF portion of the course and the GT portion of the course earn four credits for each, totalling 8 credits. (*this course will be under review for next year because of changes to the graduation program.)

Work Experience 12A and 12B

Students must consult with school administration and/or the academic counsellor regarding work experience credits.

English Language Arts

Under the new curriculum, Grade 10 students are required to take two English Language Arts courses worth 2 credits each. At HSS, we require all students take one of the writing courses, plus an additional course of their choice. Courses offered will be based on demand and interest; not all courses can be offered each year.

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.

English First Peoples Writing 10

EFP Writing 10 is designed for students who are interested in writing for a variety of purposes and contexts. This area of choice provides students with opportunities to become better writers through the exploration of personal and cultural identities, memories, stories, and connections to land/place. Within a supportive community, students will work individually and collaboratively to develop their writing skills and create coherent, purposeful, and engaging compositions. This course is grounded in the exploration and application of writing processes, inviting students to express themselves as they experiment with, reflect on, extend, and refine their writing.

Literary Studies 10/EFP 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. EFP Literary Studies 10 is designed for students who are interested in exploring First Peoples' literature in a variety of contexts, genres, and media. These courses allow students to delve more deeply into literature and explore personal and cultural identities as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media. Students will think collaboratively, critically, and creatively as they deepen their understanding of themselves and the world around them. 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

New Media 10/EFP 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. EFP New Media 10 provides students with opportunities to think

about the use of new media and its effects on individuals and on First Peoples' communities and cultures. Both courses demonstrate 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. Both courses may include film studies, journalism, publishing, and digital communication such as blogging, gaming, and podcasting.

Spoken Language 10/EFP Spoken Language 10

Spoken Language 10 is designed to support students in their development of spoken communication through processes of questioning, exploring, and sampling. EFP Spoken Language 10 is designed for students who are interested in studying First Peoples' oral traditions and in developing their oral self expression and communication in a variety of contexts. Both courses build 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.

English 11

English 11 allows students to explore a variety of literary, informational, and oral texts from diverse perspectives, times, and places. They will continue to improve writing skills and communications skills, think critically and creatively, and deepen their understanding of themselves and the world around them.

(This course will be replaced next year by a selection of more specialized courses, including Composition 11, Creative Writing 11, Literary Studies 11, New Media 11, and Spoken Language 11.)

English 11 First Peoples

EFP 11 focuses on the experiences, values, and beliefs of First Peoples as shown in various forms of text: oral stories, speech, poetry, drama, film, fiction and non-fiction prose, etc. An important feature of the course is its emphasis on authentic First Peoples' voices. Through this course, students continue to develop their writing and communication skills, their ability to think creatively, critically, and collaboratively, their appreciation of diverse perspectives and the First Peoples' Principles of Learning, and deepen their understanding of themselves and the world around them.

(Next year this course will be replaced by a choice of courses; the anchor course will be EFP Literary Studies 11, and it can be combined with EFP Writing 11, EFP New Media 11, or EFP Spoken Language 11.)

English 12

Students will continue to improve their skills in the six areas of language arts: reading, viewing, writing, representing, listening, and speaking. They will continue to explore a variety of literary, informational, and oral texts from diverse perspectives, times, and places. They will also continue to improve writing skills and communications skills, think critically and creatively, and deepen their understanding of themselves and the world around them. There will be a mandatory Provincial Exam in this course, worth 40% of the final grade.

(This course will be replaced next year by English Studies 12.)

English 12 First Peoples

EFP 12 is the academic equivalent of English 12 (and English Studies 12). It focuses on the experiences, values, and beliefs of First Peoples as shown in various forms of text: oral stories, speech, poetry, drama, film, fiction and non-fiction prose, etc. An important feature of the course is its emphasis on authentic First Peoples' voices. Through this course, students continue to develop their writing and communication skills, their ability to think creatively, critically, and collaboratively, their appreciation of diverse perspectives and the First Peoples' Principles of Learning, and deepen their understanding of themselves and the world around them. There will be a mandatory Provincial Exam in this course, worth 40% of the final grade.

English Language Arts elective courses

Next year, a selection of electives will be available to students in addition to the mandatory English Studies 12 or EFP 12; these include Literary Studies 12, Composition 12, Creative Writing 12, New Media 12, or Spoken Language 12. These courses will allow students to further specialize their skills in any of these areas.

Home Economics

Families and Society 10

This course will discuss the cultural, societal, and other influences on the definition of "family", including changes over time, family and relationship dynamics, healthy and unhealthy relationships, roles and responsibilities of family members, challenges faced by families in modern society, etc.

Textiles 10/11/12

Students of all ability and experience levels with sewing and textiles can be successful in Textiles. They will develop and enhance basic skills with hand sewing and machine sewing, learn about fabric selection, patterns, layout, measurement, and garment instruction techniques. Students will have the opportunity to design projects, sew a variety of projects, and challenge themselves with more difficult projects as their skills grow.

Fabric and Fibre 11/12

Students will increase their knowledge of different types of fabric and fibre, improve their skills with reading patterns, measurement, layout, etc, and create a range of craft projects. Cultural components will be incorporated into students' projects, which can include felting, applique, knitting, hand-sewing, machine sewing, recycled/repurposed items, quilting, etc.

Family Studies 12

This course will discuss the cultural, societal, and other influences on the definition of "family", including changes over time, family and relationship dynamics, healthy and unhealthy relationships, roles and responsibilities of family members, challenges faced by families in modern society, etc. Elements of child care, child development, housing, etc, are also incorporated into this course.

Foods and Nutrition 11/12

Students will develop their skills in the kitchen and their understanding of basic nutrition, meal planning, cooking and baking techniques. They will develop their understanding of the social, ethical, and sustainability considerations that impact our food choices.

Intro to Culinary Arts 10/11/12

This course is usually offered every second year, and provides students with the introductory skills and theory in preparation for the Professional Cook 1 college program. Students learn to cook and bake at a professional level, as well as learn about budgeting, food purchasing, menu planning, and pricing products. They will get experience in catering and selling food and food competitions, and gain knowledge of the hospitality industry, job skills, work ethic, and workplace etiquette. Students also get certification in courses such as Food Safe, First Aid, WHMIS, World Host, and Serving it Right.

Languages

Français Langue 10, 11, and 12

These are the required French language courses for French Immersion students. They are integrated studies of all aspects of the French language that began in elementary French Immersion classes.

French 10

Students will increase their oral and written French language, and includes instruction in grammar, vocabulary, and literature studies.

French 11

Students will continue to develop their oral and written French language skills, and includes instruction in more advanced grammar, vocabulary, and literature studies.

Gitxsanimx̱ 10

Students will increase their Gitxsan language skills and will receive instruction in speaking as well as grammar and vocabulary development. Additionally, they will study and experience the vibrant Gitxsan culture.

Gitxsanimx̱ 11

Students will continue to develop their Gitxsan language skills and will receive instruction in speaking as well as grammar and vocabulary development. Additionally, they will study and experience the vibrant Gitxsan culture.

Mathematics

Workplace Math 10

Workplace Math 10 course focuses on math topics that can be useful in our daily tasks, such as unit conversion, money and currency, measurement, algebra, geometry, measurement, numbers, statistics, probability and a little bit of trigonometry. The course should be useful for students wanting to pursue careers not strongly related to math. This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. This course can be used as a Math 10 credit for graduation and prepares students for the AW 11 Math course.

Foundations of Math and Pre-Calculus 10

In this course, students have a chance to practice their algebra skills while learning new concepts in measurement, trigonometry, polynomials, roots, powers, relations, functions, linear functions and systems. This course can be used as math 10 credit for graduation, and is required for university admission. This course is recommended if you wish to continue to Pre-Calculus 11 or Foundations of Math 11.

Apprenticeship and Workplace Math 11

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include algebra, geometry, measurement, number and statistics.

Foundations of Math 11

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in humanities (non-science based programs). This course can be used as Math 11 credit for graduation. Certain university undergraduate programs will not accept this course as an entrance requirement, or will require that you complete the Foundations Math 12 course. Please check with your university or college for requirements.

Pre-Calculus 11

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of calculus (such as engineering and medicine). Topics include algebra, number, relations and functions and trigonometry. Pre-Calculus 11 is acceptable for most university courses and all college courses. It is a challenging course that requires regular at home study.

Pre-Calculus 12

This is a senior academic math course that is designed for students who will be continuing their education in university to pursue careers in Science, Math, or Business. The course is centered on functional relations between variables including Transformations, Radicals, Polynomial, Logarithmic, and Rational functions. As well as an in-depth study of Trigonometric functions and identities, and an introduction to Permutations. This course requires a strong commitment to home study.

Physical and Health Education

Physical and Health Education 10

This mandatory course incorporates a range of physical activities, sports, exercise, and healthy living components. It addresses the importance of fitness, healthy nutrition, healthy sexual decision making, the consequences of bullying and discrimination, protecting oneself from harmful situations, emergency preparedness, and other areas vital to living a healthy life.

Physical Education 11

Students will continue to develop their fitness, endurance, and conditioning through a variety of physical and recreational activities. Sportsmanship, healthy living, nutrition, active participation, and enjoyment of games and activities are emphasized.

Physical Education 12

Students will continue to develop their fitness, endurance, and conditioning through a variety of physical and recreational activities. Sportsmanship, healthy living, nutrition, active participation, and enjoyment of games and activities are emphasized. Leadership activities are also part of the course, such as supporting extra-curricular events such as the Terry Fox Run and Fun Days. Certification opportunities such as CPR training and First Aid are also options.

Leisure and Recreation 11 and 12

This locally developed course is designed to expose students to a range of leisure and recreation activities to promote healthy lifestyles, both indoors and outdoors. It may involve field trips, hands-on activities, and outdoor activities related to the various seasons (boating, fishing, sliding, hiking, etc).

Note: in the 2019-2020 school year, PE 11 and PE 12 will be replaced by courses called Active Living 11 and 12, Fitness and Conditioning 11 and 12, and Outdoor Education 11 and 12.

Sciences

Science 10

Science 10 is a general science course that covers topics on biology, genetics, physics, chemistry, the formation of the universe, and First Peoples' perspectives on these subjects.

Biology 11

This course is an overview of living things. The plant and animal kingdoms are studied in the context of their position in evolution and their relationships to all organisms. The progression of life-forms from the viruses, which are simple bundles of genetic material, to the complexity of multicellular organisms is investigated, this, with an eye on the mechanisms of these changes, and their role in our system of classifying the living world.

Biology 12

This is a senior academic science course that is designed for students who have an interest in medical sciences. The first third of the course focuses on cell biology and biochemistry – an investigation into life at the molecular level to determine how the cell is able to perform its life functions. The remaining two thirds of the course are dedicated to human biology. Here, the molecules of life are followed within the context of the various systems of the human body. Success in Biology 12 requires good memory skills and a dedication to home study.

Earth Science 11

In Earth Science you will learn about the structure of our planet Earth, geology, geography, mining, weather, and environmental science. Hands-on projects and field work are important components of this course.

Chemistry 11

Chemistry 11 is a general chemistry course where the focus is the application of chemistry and chemical principles as they apply to everyday life. There is a significant math component to chemistry, and it is recommended that students have completed Foundations and Pre-Calculus 10.

Chemistry 12

Chemistry 12 is a more specialized course focusing on a few specific (though fundamental) principles of advanced chemistry. This course is usually taken by students who want to pursue specific university programs which require Chemistry 12 (most medical and biological degrees) as a pre-requisite. This is a challenging course and should be only attempted by students who have a strong science background or are willing to put in extra effort.

Physics 11

Physics is the study of matter and energy, and of their interactions in relation to everyday life. The major subtopics are: Skills, Methods, and the Nature of Physics, Kinematics, Forces, Newton's Laws, Momentum, Energy, Wave Motion and Geometrical Optics, Special Relativity: Nuclear Fission and Fusion. It is recommended that students taking Physics 11 also take Pre-calculus 11.

Physics 12

Physics 12 is the study of classical mechanics and electromagnetism and is designed to help students develop analytical and problem-solving skills. Students will have the opportunity to apply the principles and concepts of physics to practical situations.

Sustainable Resources 11

Sustainable Resources 11 is an experiential, project based, senior science elective that counts toward your graduation requirements. In this course you will establish a working understanding of environmental stewardship principles and environmental literacy. With this as a frame of reference, we will examine British Columbia's forest industry, past and present. Traditional First Nations' cultural perspectives and other traditional use and techniques of working with wood will be examined as a central theme. Students will learn to identify species of commercially harvested trees in our area as well as many other species of plants that have had a cultural significance.

Social Studies

Social Studies 10

Social Studies 10 covers history from 1919 – Present, including institutions of the Canadian political system, First Nations governance, the concept of identity in Canada, truth and reconciliation, economic development, and Canada's role on the international stage.

Social Studies 11

Social Studies 11 covers four main areas of learning: Skills and processes, Geography (economic and environmental issues), History (social, culture, political and economic issues) from the early 1900's to 2013 and Government (political and legal issues).

BC First Nations Studies 12

The purpose of this course is to increase awareness and understanding of the diversity of First Nations and Metis cultures in BC, to understand the contributions of First Nations and Metis people to the development of BC and Canada, to understand the historical foundations of contemporary issues, and to think critically and collaboratively about First Nations issues. The intention of this course is to have students achieve the learning outcomes through a focus on local content.

History 12

The study of History emphasizes the skills and attitudes associated with appreciating history and developing the skills needed for further study in history and related disciplines. Beyond the skills of conducting research, students must be able to analyze the relevance of historical documents and records, develop interpretations of selected documents and demonstrate a sound grasp of historical chronology and context in which the events took place. The learning outcomes focus on the appreciation of history, interpretation of history, the skills of the historian and the writing of history. The time period covered in this course are WW1, Great Depression; World War 2, the Cold War, and Post- Cold War.

Geography 12

Geography is a discipline that integrates many subjects and addresses both the physical and human-created systems of the world in the study of people, places and environments. Topics covered in this course include: Structure and Movement of the Earth's Crust, Forces of Gradation Shaping the Land, Climate, Weather, Air and Water Systems and Ecology, Soils, Energy, Conservation and Resource Management and Sustainability. Geography 12 explores the interrelationships between physical and human geography.

Law 12

Students will study Canadian Law in a variety of areas: criminal, family, civil, and will develop an understanding of their rights and responsibilities as citizens. Law 12 fosters skills and attitudes that enhance students' abilities to address legal, social, and ethical issues, and reflect critically on the role of law in society. The study of law also promotes the skills and abilities needed to clearly express ideas, argue effectively and logically, and accurately interpret the written word.

Psychology 12

The aim of Psychology 12 is to provide students with opportunities for personal and intellectual growth, through the exploration of such topics as biopsychology, personality and individuality, social psychology and other topics to help them participate in all aspects of society.

Social Justice 12

The aim of Social Justice 12 is to provide students with the knowledge, skills, and attitudes that will assist them in making informed decisions related to social justice, recognizing and analysing social injustice, and moving towards a socially just world.

Information/Communication Technology and Technology Education

Computer Studies 10

Students will learn the basics of computer hardware and software, explore coding, web design, and computer programming. They will also develop their skills in digital literacy and digital citizenship.

Electronics and Robotics 10

Students will learn about Ohm's Law and the basics of electrical theory and circuitry. They will build a basic circuit, learn to use the handtools required, and learn about programming and building a functional robot.

Metalwork 10

Students will learn the basic of metalworking, including the use, handling, and storage of tools and methods for laying out, forming, and joining metal. They will create their own designs for a metalwork project, and learn the importance of precision measurement.

Power Technology 10

Students will learn about combustion engines, power systems, hydraulics, energy transmissions, etc, through the study of small engines and other sources of power. They will learn to use hand tools and power tools necessary for mechanical repairs and maintenance.

Woodwork 10

Students will learn the importance of woodworking in historical and current cultural contexts, as well as the importance of wood sustainability in the environment. They will plan, design, and construct projects and learn to safely use the hand tools and power tools necessary for the creation of these projects.

Information Technology 11/12

This course introduces the development of the internet and the world wide web. A variety of programs are used to teach students the necessary skills to present information and data to a range of audiences. Students will also learn coding and programming skills for the development of games and other applications.

Automotive Technology 11 and 12

Students will study small engines by dismantling and reassembling one, and will learn the basics of automotive repair, including engines, brakes, drive trains, exhaust systems, suspensions, lifts, etc, through hands-on practice on available vehicles.

Metal Fabrication and Machining 11 and 12

Students will learn a variety of metal work techniques, including jewelry making, aluminum casting, and welding fabrication. They will develop, design, and create their own projects of increasing complex techniques as their experience grows.

Carpentry/Joinery 11 and 12

Students will learn the safe use of the shops and tools. They will study major machine safety and then design and complete a project within their range of ability. They will learn the elements of joinery and some carpentry, as well as build skills with both hand tools and machines.

Fine Art Woodwork 11 and 12

This course will emphasize the creation of intricate projects, using the features of the wood to enhance design. Students will learn a variety of finishing techniques to enhance the appearance and structure of their designs. Local artists and cultural elements may be incorporated into this course.

Youth Explore Trades Sampler

Students in Grade 10, 11, and 12 can enroll in YETS, which is an 8-credit course offered in conjunction with Northwest Community College and the Northwest Trades and Employment Training Centre. Students will complete one or two core courses online and then work with certified instructors in a variety of trades: construction, plumbing, electrical, welding, and mechanics, etc. This program is generally offered every second year and students must apply to the program through the Career Ed teacher.

External Courses

Students who have completed various studies outside the public school system may receive graduation credits for the achievements. See your counsellor to discuss details of this opportunity. Graduation credit may be given for certificate achievement in the areas of Post-Secondary Courses, Advanced Placement, International Baccalaureate Courses, Dance, Drama, Speech, Music, Sports, Industry and Occupations, and Youth Development. Specific certification levels are required to be eligible for graduation credits for external courses.

Graduation Assessments

All students on the 2018 Graduation Program will write the new graduation assessments. The numeracy assessment will begin this year; students have the opportunity to write it any time in their Grade 10, 11, or 12 year and it can be written up to three times. The new literacy assessment will be phased in in the 2019 school year. (Current Grade 12 students will need to write the English 12 or Communications 12 Provincial Exam, worth 40% of their final mark.)

Grade 8 and 9

Grade 8 and 9 timetables are very structured. They all take their Humanities (Social Studies and English curriculum combined) and Math and Science classes in the mornings, all year long. In the afternoons, they will alternate between their PE class and their second language class (Gitxsanimx or French) every second day all year long. They will also take a variety of between 6-8 mini-elective courses throughout

the year, called Mosaics. These mini-courses provide them with a sampling of courses they will be able to choose as electives when they are in Grades 10-12.

Counselling Services

The counsellor provides a variety of support services for students, including those related to:

- educational goals and programs consistent with the student's career and life goals
- appropriate course and study path selections
- graduation credits
- planning for post-secondary education
- liaison with the community regarding employment information
- personal skills: self-awareness, responsibility, relationships, communication, decision making, problem solving, conflict resolution
- liaison with community agencies

Learner Support

Students who experience difficulty in their courses should first seek extra help from their classroom teacher. In addition, they may occasionally seek help from the Learner Support teacher. Referrals for learner support can be made by the student, a teacher, a parent, a counsellor, or an administrator. Students seeking learning assistance must have the classroom teacher's permission to be out of the regular classroom.

Students may also be given a support block within their timetable, to work in the Resource room with the support of a teacher. This allows students who may need extra time for core coursework a block of time each day in one semester for additional support.