
Course



Planning Guide

2026-27

Ucluelet Secondary School

P.O. Box 40, Ucluelet, BC, VOR 3A0 – (250) 726-7796 – Fax (250) 726-7710

We respectfully acknowledge that we live, work & play in the traditional, ancestral, unceded, and ceded territory of the Tla-o-qui-aht & Yuułuᑭiᑭᑭᑦ First Nations. We strive for cultural inclusion reconciliation through our work and are continuously learning to do this better.

GENERAL INFORMATION

This Course Planning Guide is intended to help students select courses and programs appropriate to their personal, career or post- secondary goals. As students' progress through U.S.S. they will have increasing opportunities to customize their educational program to meet these goals. It is extremely important, then, that students select courses that are not only interesting and challenging, but also relevant to post-secondary aspirations.

Successful course planning requires that students observe the following three points:

- First, be knowledgeable of applicable graduation requirements.
- Second, be aware of the difference between general graduation requirements and specific post- secondary admission expectations. In addition to courses required for graduation, entrance to most post- secondary institutions will require specific coursework and a minimum grade point average during a student's final years of high school. Consult our counsellor for specific information on the post-secondary institutions of your choice.
- Third, be aware of course prerequisites and/or recommended marks in prior or related courses. Long-term planning helps avoid the situation of not having appropriate prerequisites.

PROMOTIONAL PROCEDURE

Students are promoted on a course-by-course basis. This means that prerequisite courses must be completed prior to a student advancing to the next level in that subject.

School Counselor

Sarah Hagar shagar@sd70.bc.ca

Vice-Principal

Bryan Grigg BGrigg@sd70.bc.ca

Principal

Drew Ryan dryan@sd70.bc.ca

POST-SECONDARY PLANNING

Every student will have a post-secondary (Graduation Transition) plan. Whether it is further education at university, college or technical school, or direct entry into the workforce, each graduate should be able to link his or her final high school years to unique post-secondary aspirations.

There are many different post-secondary institutions to choose from. Differences between universities, university-colleges, colleges, and institutes are not as distinct as they once were; this has allowed a large increase in degree-granting programs at various schools other than universities. Students are encouraged to check out a range of options before settling on one or two post-secondary destinations.

The following websites are very useful for researching post-secondary education, including information on programs, courses, entrance requirements, costs, as well as other relevant facts and material.

www.educationplanner.ca -use the search box to assist with finding more information
www.myblueprint.ca/sd70 -all students have accounts and can access them at any time using their regular school login username and password.

Just as there are many different post-secondary institutions, so too are there many different entrance requirements. Entrance requirements have changed in recent years; students should refer to each institution's calendar for specific entrance requirements. Students also need to ensure that they meet any entrance requirements unique to a particular faculty, department, or program.

In addition, students interested in studying in either the USA or abroad should consult specific calendars for special entrance requirements and/or restrictions on foreign students. In recent years, there has been increased interest in athletic scholarships to American universities or colleges, both of which require students to attain a minimum score on the Scholastic Aptitude Test (SAT). Information on the SAT is available from your counsellor or the College Board website.

Course Selections

Grade 8 and 9 foundations

Grade 8 and 9 at USS are exciting years academically, social-emotionally, and physically.

Students are exposed to a wide array of courses and opportunities to become part of our larger school community. Academically, grade 8 students will be enrolled in linear Math and Physical Education classes as evidence has demonstrated year-long exposure to Math is beneficial to short- and long-term retention of course content which will support greater success in Math 10 courses.

Research has also shown that consistent physical activity supports brain and body development while creating positive peer relationships. In these years, students will also take Science, Social Studies, Careers, a Language (nuu chah nulth or French) and elective classes. In grade eight, students will be able to experience all elective options to then make more informed decisions about elective choices moving forward.

The USS' Course Catalogue outlines mostly grade 10-12 course options as students in grades 8 or 9 must take core foundational courses.





Learning on the Land

The Land Based Learning program is an experientially based, skills focused program created in partnership with consultation from Tseshaht, Tla-o-qui-aht, Hupacasath, Huu-ay-aht, Yuułuʔiłʔatḥ, and Metis communities and is intended to immerse youth in land-based learning.

Following nuu chah nulth seasonal rounds, students will interact with the land, learn from knowledge keepers, elders, community professionals and each other as they learn how to collaborate, communicate, plan, organize and experience new learning with each other.

Students will move through the skills of Science, Social Studies, Language Arts, Foods Studies, Physical Health and Wellness, Nuu-Chah-Nulth Studies and Outdoor Education in a hands-on, exploratory way focusing on skill development through land-based experience. Learners will continue their journey to graduation on the Dogwood Program with this semester-based learning opportunity.

Students & families who are interested in Learning on the Land please contact USS Principal, Drew Ryan, at 250-7276-7796 or dryan@sd70.bc.ca .

CAREER LIFE EDUCATION 10

4 credits Career Life Education is a 4-credit course that all students must complete to graduate. Students will explore personal development, post-graduation options, and career plans, among other topics. It is recommended that Career Life Education be completed in Grade 10 to assist students in making informed programming choices for their Grade 11 and 12 years.

CAREER-LIFE CONNECTIONS 12

4 credits Career-Life Connections (CLC) focuses on applying personal career-life management, knowledge skills, and strategies to one's own personal life journey and includes:

- deepening career-life concepts and thoughtful self-knowledge to inform personal life-long learning choices and post-graduation plans.
- using self-advocacy and employment marketing strategies, such as creating one's own effective public profiles.
- developing transferable skills, such as communication, problem solving, leadership and collaboration skills.
- engaging in a substantive experiential learning opportunity of **30 hours** or more that is intended to expand and/or deepen student exposure to career-life possibilities, such as service learning, volunteerism, employment, fieldwork projects and entrepreneurship.

ENGLISH

ENGLISH 10 COMPONENTS

ENGLISH 10

Prerequisite: English 9

Composition + Chosen Component = 4 credits

Students will work individually and collaboratively to explore and create coherent, purposeful compositions. All students will be taught the required Composition, and then as a class we will be collectively deciding on two of the following four components, for a total of 4 credits, 2 each half.

1) CREATIVE WRITING 10 **2 credits**

Creative writing 10 is designed for students who have an interest in creative expression through language. Possible areas of study include poetry, drama, creative non-fiction, and fiction.

2) LITERARY STUDIES 10 **2 credits**

Literary Studies 10 allows students to explore specific themes, periods, authors, or areas of the world through literary works in a variety of media. Possible areas of study include poetry, drama and fiction.

3) NEW MEDIA 10 **2 credits**

New Media 10 is a program of studies designed to explore a variety of digital/print media. Possible focus areas include media and film studies, journalism, and digital communications.

ENGLISH 10 (Continued)

4) SPOKEN LANGUAGE 10 **2 credits**

Spoken Language 10 allows students to explore a variety of literary works while focusing on improving communication and speaking skills. Possible areas of study include debate, interviews, performance, storytelling, and radio/podcast/video posts.

ENGLISH 11

Prerequisite: English 10 **4 credits**

Students in English 11 are required to choose one of the following 5 courses. Students are reminded, like the courses in grade 10, these English courses will also have a significant focus on the compositional components of the curriculum.

ENGLISH FIRST PEOPLES 11:

Literary Studies & Writing

Prerequisite: English 10 **4 credits**

An academic, interactive, and engaging course which incorporates First Peoples principles of learning and is available for students of all backgrounds. Students will explore a wide range of authentic First Peoples texts including oral story, speech, poetry, dramatic works, song, film, and prose. This course aims to support students in developing their critical thinking and communication skills, through a focus on themes, issues, and topics important to First Peoples. Different story, different narrative, different history. There is a strong emphasis on the development of writing skills, both creative and expository.

CREATIVE WRITING 11

Prerequisite: English 10 **4 credits**

Creative Writing 11 is designed for students who have an interest in creative expression through language. Possible areas of study include narrative, creative non-fiction, drama, screenplays, graphic novels, poetry, etc. Students in Creative Writing will work individually and collaboratively to explore and create coherent, purposeful compositions.

LITERARY STUDIES 11

Prerequisite: English 10 **4 credits**

Literary studies 11 allows students to explore specific themes, periods, authors, or areas of the world through literary works in a variety of media. (cont'd)

ENGLISH (Continued)

LITERARY STUDIES 11 (Continued)

Possible areas of study include poetry, drama, and fiction. Classic and contemporary literature will be studied. Students will work individually and collaboratively to explore and create coherent, purposeful compositions.

NEW MEDIA 11

Prerequisite: English 10 **4 credits**

New media 11 aims to teach students how to be effective digital citizens and to help students develop media literacy skills that will aid them in being successful in the 21st century. New Media 11 may include studies focused on journalism, digital communications, as well as media and film. Students will work to communicate effectively and purposefully in both traditional and digital forms.

SPOKEN LANGUAGE 11

Prerequisite: English 10 **4 credits**

Spoken Language 11 allows students to explore a variety of literary works while focusing on improving communication and speaking skills. Possible areas of study include stand-up comedy, debate, performance, storytelling, and radio/podcast/video posts. Students will work individually and collaboratively to explore and create coherent, purposeful compositions.

ENGLISH 12

All students are required to complete English First Peoples 12 will build upon and extend students' previous learning experiences in English 11 or English First Peoples 11 and include a standard composition writing component.

ENGLISH FIRST PEOPLES 12

4 credits

This course is designed to help students improve their communication and critical thinking skills. This course uses texts that represent indigenous voices and focuses on themes, issues, and topics important to First Peoples, recognizing the value of first Peoples' world views and the importance of language and communication.

SENIOR ENGLISH ELECTIVES

LITERARY STUDIES 12

4 credits

Literary Studies 12 allows students to explore specific themes, periods, authors, or areas of the world through literary works in a variety of media. Possible areas of study include poetry, drama, and fiction. Classic and contemporary literature will be studied. Students will work individually and collaboratively to create coherent, purposeful compositions.

CREATIVE WRITING 12

4 credits

Creative Writing 12 offers students the chance to experiment with a variety of creative writing styles, including fiction, creative nonfiction, satire, and screenplays. Students will work towards developing their writers' voice and refine their mechanics. The course also includes a focus on critique, analyzing, and evaluating the work of published professionals and students.

HOME ECONOMICS

HOME ECONOMICS

The ability to design, make, and apply skills and technologies is very important in today's world. Under the umbrella of Applied Design, Skills, and Technologies (ADST), Home Economics provides hands-on learning experiences in the following programs:

- Food Studies 8-12
- Textiles 8-12

Home Economics is committed to gender equity and providing a SAFE SPACE for all students. Careers in the trades and technology sectors are open to all students and provide creative, challenging, interesting, as well as well-paying jobs.

OVERVIEW: All Home Economic courses are based on 80% participation. To be successful, regular attendance is required.

FOOD STUDIES 9-10- 4 credits

This hands-on course offers students the opportunity to create amazing dishes from basic ingredients that complete and compliment meals. Students will investigate a wide of topics, trends, and influences that factor into our food choices as well as engage in practical culinary labs. In small groups or pairs, students will work cooperatively to learn the design process, preparation, cooking skills, safety and sanitation protocols involved in the creation of a variety of different food items.

Mathematics



Math 10/11/12

(You need a minimum of 1 math course of any grade 11 or 12 level to meet graduation requirements; certain universities require an English 12 plus three Academic Grade 12 courses – Pre-Calculus 12 is the only academic 12 math course offered along with science/socials/language 12 courses)

Workplace Math 10 – This course is intended to give you an understanding of a variety of practical math skills. This course is a prerequisite for Workplace Math 11.

Topics include:

- Measurement (working with Surface Areas, Volumes, Measurement Conversions, Trigonometry, etc.)
- Financial Literacy (working with income, taxes, deductions)

Foundations Math/Pre-Calculus 10 – Do you need to take or upgrade this rigorous course to ensure a strong foundation of your algebraic and graphing skills required for Foundations Math 11, Pre-Calculus 11/12, and Physics 11/12?

Topics include:

- Measurement (Right Triangle Trigonometry)
- Algebra & Number (Prime Factorization & Exponents, Polynomial Operations, Factoring Polynomials, Arithmetic Sequences)
- Relations & Functions (Linear Relations, Linear Functions & Equations, Systems of Linear Equations)
- Financial Literacy (Income & Deductions)

Pre-Calculus 11 – This course is heavy on your algebraic and graphing skills! It demands staying on top of your work (including practice, assignments before a test, talking about concepts with me and your classmates, being able to work with the language of math in a greater capacity). This course also prepares you for Pre-Calculus 12, Physics 11&12, and Chem 11&12. The goal of this course is to ready you for Calculus in university. Many programs require this course for entrance.

Topics include:

- Sequences and Series
- Trigonometry
- Quadratic Functions & Equations
- Radical Expressions & Equations
- Rational Expressions & Equations
- Reciprocal Functions & Equations
- Quadratic Inequalities
- Financial Literacy

Mathematics Continued

Foundations Math 11 – Topics include:

- Geometry
- Trigonometry
- Statistics
- Linear programming
- Measurement
- Financial literacy.

*** This course only gives you access to some university programs.

(Not typically offered since programs will require Foundations Math 11 and Foundations Math 12 or Pre-Calculus 11; the majority will choose Pre-Calculus 11)

Workplace Math 11 – This course gives you practical skills and knowledge for trades programs, and workplace/personal use of numeracy concepts.

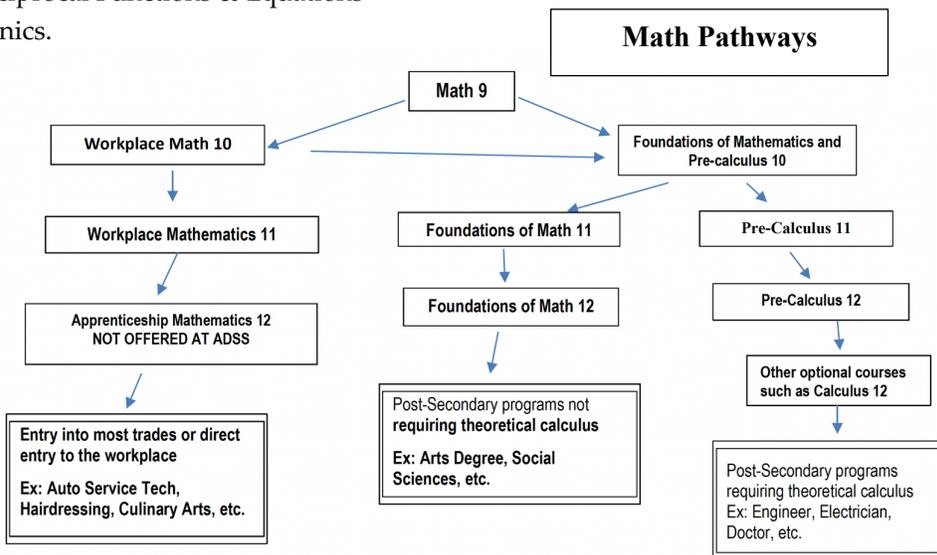
Topics include:

- various units related to measurement & financial literacy.

Pre-Calculus 12 – This is a rigorous Academic Grade 12 course meant to further prepare students for Calculus, Physics, and Engineering.

Topics include:

- Transformations
- Radical Functions & Equations
- Polynomial Functions & Equations
- Trigonometry – The Unit Circle, Trigonometric Functions & Equations, Trigonometric Identities
- Exponential and Logarithmic Functions & Equations
- Reciprocal Functions & Equations
- Conics.



ARTS

VISUAL ARTS

Art Education 8

This is an Introductory course that will offer an overview of Visual Arts as a foundation for further study in the Visual Arts courses. We will explore the Elements & Principles of Design, Image Development Strategies, color theory, artist styles both contemporary, traditional & cultural. Students will learn how to draw space using perspective techniques, draw portraits & create watercolour paintings while also learning to take creative risks. Projects and Assignments will help students to explore their Creative and Critical Thinking as well as their Problem-solving skills while also encouraging Artistic Play & Exploration.

Sketchbooks & Creative Play assignments will provide a place for students to practice



and pursue personal interests, play/experiment, develop your artistic skills and language. Hopefully, you will begin to find an individual style. You can expect to create, share, and evolve artistically.

Art Studio 9 & 10 – 4 credits in grade 10

This course will offer an overview of Visual Arts as a foundation for further study in the Senior level Visual Arts courses. As students, you will be introduced to (or continue to practice) drawing skills (in your sketchbooks) while also learning/practicing both 2- & 3-dimensional art. We will explore the Elements & Principles of Design, Image Development Strategies, color theory, artist styles both contemporary, traditional & cultural while creating artworks such as drawings (with a variety of techniques, styles & mediums), paintings (in both watercolour & acrylic), printmaking & clay while

Studio Arts 2D 11 – 12 – 4 credits

This course will investigate the fundamentals of Visual Arts while exploring 2D art materials & techniques. As students, you will be introduced to (or continue to practice) drawing skills (in your sketchbooks) while also learning/practicing to create two-dimensional artworks. We will explore the Elements & Principles of Design, Image Development Strategies, color theory, artist styles both contemporary, traditional & cultural while creating artworks such as drawings (with a variety of techniques, styles & mediums), paintings (in both watercolour & acrylic) & printmaking. Students will continue to build upon their art skills & personal art language/style while learning to take creative risks. Projects and Assignments will help students to explore their Creative and Critical Thinking as well as their Problem-solving skills while also encouraging Artistic Play & Exploration.

Sketchbooks & Creative Play assignments will provide a place for students to practice and pursue personal interests, play/experiment, develop your artistic skills and language. Hopefully, you will begin to find an individual style & begin or continue to develop an art portfolio. You can expect to create, share, and evolve artistically.

Studio Arts 3D 11 – 12 – 4 credits

This course will investigate the fundamentals of Visual Arts while exploring 3D art materials & techniques. As students, you will be introduced to (or continue to practice) drawing skills (in your sketchbooks) while also learning/practicing to create three-dimensional artworks/structures. We will explore the concepts of form & space, color theory, artist styles both contemporary, traditional & cultural while creating artworks in clay & a selection of other mediums. Students will create both functional and decorative



also learning to take creative risks.

Projects and Assignments will help students to explore their Creative and Critical Thinking as well as their Problem-solving skills while also encouraging Artistic Play & Exploration.

Sketchbooks & Creative Play assignments will provide a place for students to practice and pursue personal interests, play/experiment, develop your artistic skills and language. Hopefully, you will begin to find an individual style. You can expect to create, share, and evolve artistically.

Art Studio 11 – 12 – 4 credits

This course will offer an overview of Visual Arts. As students, you will continue to practice drawing skills while also learning/practicing both 2- & 3-dimensional art. We will explore the Elements & Principles of Design, Image Development Strategies, color theory, artist styles both contemporary, traditional & cultural while creating artworks such as drawings (with a variety of techniques, styles & mediums), paintings (in both watercolour & acrylic), printmaking & clay while also learning to take creative risks. Projects and Assignments will help students to explore their Creative and Critical Thinking as well as their Problem-solving skills while also encouraging Artistic Play & Exploration.

Sketchbooks & Creative Play assignments will provide a place for students to practice and pursue personal interests, play/experiment, develop your artistic skills and language. Hopefully, you will begin to find an individual style & begin or continue to develop an art portfolio. You can expect to create, share, and evolve artistically.

sculptures while also learning to take creative risks. Projects and Assignments will help students to explore their Creative and Critical Thinking as well as their Problem-solving skills while also encouraging Artistic Play & Exploration.

Sketchbooks & Creative Play assignments will provide a place for students to practice and pursue personal interests, play/experiment, develop your artistic skills and language. Hopefully, you will begin to find an individual style & begin or continue to develop an art portfolio. You can expect to create, share, and evolve artistically.

IDS Art Studio 12 / Portfolio Development – 4 credits

Prerequisite: Student will need to have taken multiple art courses & will have demonstrated themselves to be Exceeding most art skills in regular classes. They should also be able to set goals & work towards them *independently*. Ms. McWhinney & Admin will discuss the readiness of each applicant for this course.

Independent Art Studies Students will work with Ms. McWhinney to set personal Art Goals and work towards these goals. Students will be expected to work consistently on their goals by pursuing personal interests, delving in artistic play, concept & material exploration while developing their artistic skills and language. The goals are to build upon their individual art style & begin or continue to develop a strong & unique art portfolio for Art School applications or to begin their professional artistic goals. Students will be given opportunities to display & possibly sell their artworks in the Community.

Media Arts: YEARBOOK - 4 credits

The main emphasis of this course is the planning, photography, editing, organization & publication of the school's yearbook. Students will learn & practice all aspects of planning, creating/production & the publication including photographing, editing, organizing, page layout/design, writing, editing & the use of publication software. Basic concepts of Visual Design & Photography will be covered. It will be necessary to meet at lunch, outside of school hours & on your own to meet this class's expectations. *Student will be expected to be organized, positive role models and team players.

Photography 10-12 – 4 credits

This course will offer an overview of the foundational skills of Photography. As students, you will be introduced to the elements of photography, composition, basic photography skills, the History of Photography as well as Editing skills using Lightroom & other program options. Projects and Assignments will help students to explore their Creative and Critical Thinking as well as their Problem-solving skills while also encouraging Artistic Play & Exploration.

Sketchbooks/Journals & Creative Play assignments will provide a place for students to practice and pursue personal interests, play/experiment, develop your artistic skills and language. Hopefully, you will begin to find an individual style. You can expect to create, share, and evolve artistically

MUSIC

Music 8

Music 8 is the introductory course to our Music Program. All grade 8 students will take this course to play, listen and appreciate music! Students will get a taste for a variety of instruments including guitar, bass, drums, keyboards and vocals. Grade 8 students will have the opportunity to perform in our monthly Open Mic performances, and a variety of other performances in our community.

Music 9

Music 9 is the continuation of skills learned in Music 8. Music 9 focuses on exploring a variety of music styles and genres and gives students a chance to participate in small ensemble, large ensemble and solo experiences. This is a performance-based course focusing on the fundamentals of instrumental performance.

Instrumental Music 10

Music 10 continues the development of skills from Music 9. Music 10 begins shifting students from technique and skill study to professional performance and repertoire-related study. This is a performance-based course setting students up for the following year to join our busiest ensemble, the Senior Concert Band. Students will have the opportunity to perform regularly, and the potential to participate in trips available that year and participate in music festivals.

Instrumental Music 11 & 12

Instrumental Music 11/12 continues the development of skills from Instrumental Music 10. This Senior Music course begins shifting students from technique and skill study to professional performance and repertoire-related study. This is a performance-based course setting students up for regular playing and performing. Students will have the opportunity to perform regularly, and the potential to participate in trips available that year and participate in music festivals.



MODERN LANGUAGES

FRENCH 09

Prerequisite: French 08

French 09 continues the focus on written and oral communication while exploring themes based on real-life situations. Exposure to written, aural and oral works will increase at this level. Students will explore Francophone culture in comparison to their own and will be able to narrate a short story.

Expressing ideas in the past, present, and future as well as expressing opinions will be the grammatical focus.

FRENCH 10

Prerequisite: French 09 **4 credits** French

10 continues what students have learned in French 09 with continued focus on communication and speaking/listening level with increased focus on the skills of reading and writing. Students will review the present tense and will learn to use the past and imperfect tenses.

FRENCH 11

Prerequisite: French 10 **4 credits** A

continuation of French 10 in which students tackle more sophisticated language and will be introduced to basic literature. Students continue to develop listening and speaking skills in the context of practically oriented units. All verb tenses will be studied.

FRENCH 12

Prerequisite: French 11 **4 credits**

In French 12, students continue to develop their listening and speaking skills through interaction with the teacher and with other students, while investigating various cultural phenomena. More emphasis will be placed on oral proficiency and expression, as well as more sophisticated grammatical concepts. Students will be exposed to short stories and poems that explore French culture.

nuu-chah-nulth Studies 9

Open to all students, this course explores the language and culture of the Nuu-Chah-Nulth peoples

from contemporary and traditional perspectives.

This introductory course is a continuation of Nuu-Chah-Nulth 8, designed to provide the foundations for language learning. The emphasis is to develop listening and speaking skills in the context of everyday conversations. Then we will begin to extend vocabulary and understanding of basic sentence structure. There is a significant online component, as we use an interactive site to support our language learning.

nuu-chah-nulth Studies 10 4 credits

Prerequisite: Nuu-Chah-Nulth 9

Open to all students in Grades 10-12. This is an intermediate course that requires a basic understanding of the Nuu-Chah-Nulth alphabet, sounds and beginning phrases. The curriculum covers listening, speaking, reading, and writing in Nuu-Chah-Nulth. Regular attendance is critical as beginners cannot demonstrate these components independently. Students expand their vocabulary by learning the First 200 Words and we concentrate on building fluency of our speech. There is an increasing emphasis on writing sentences and learning grammar to create a variety of sentence structures.

nuu-chah-nulth Studies 11 4 credits

Prerequisite: Nuu-Chah-Nulth 10

Open to all students in Grades 10-12. This is an intermediate course that requires a basic understanding of the Nuu-Chah-Nulth alphabet, sounds, and beginning phrases. Students expand their vocabulary by learning the First 400 Words and we concentrate on building the fluency in our speech. This course may satisfy university entrance language requirements. Students should be prepared for a fast-paced course with heavy content in grammar, vocabulary, listening and speaking activities, inter-linear analysis, and translation of text. Regular attendance is critical. We also explore the culture and traditions of the Nuu-Chah-Nulth, incorporating hands-on projects with elders and artists as much as possible.

Physical Education

PHYSICAL & HEALTH EDUCATION 8 & 9

The aim of this course is to enable all students to enhance their quality of life through active living and to foster healthy, motivated, and responsible behavior in all students. The physically educated person has the knowledge, skills, and attitudes necessary to incorporate physical activity into regular routines, leisure pursuits and career requirements throughout life. Striving for an active healthy lifestyle fosters personal growth, overall well-being, and the ability to meet the challenges of society. This course reinforces skills, principles and rules acquired prior in PHE 8 with emphasis on achievement of higher fitness levels and student participation.

PHYSICAL & HEALTH EDUCATION 10

Prerequisite: PHE 09

4 credits

The aim of this course is to enable all students to enhance their quality of life through active living and to foster healthy, motivated, and responsible behavior in all students. The physically educated person has the knowledge, skills, and attitudes necessary to incorporate physical activity into regular routines, leisure pursuits and career requirements throughout life. Striving for an active, healthy lifestyle fosters personal growth, overall well-being, and the ability to meet the challenges of society. This course reinforces skills, principles and rules acquired in PHE 9 with emphasis on achievement of higher fitness levels and student participation. Successful completion of PHE 10 is a graduation requirement.



PHYSICAL EDUCATION CONTINUED

ACTIVE LIVING 11/12: Basketball

In Active Living 11/12 Basketball, students will learn and practice basketball skills, strategies, and fitness in a fun, active environment. Through games and skill development, students will build confidence, cooperation, and an appreciation for physical activity as part of a healthy lifestyle.

ACTIVE LIVING 11

Prerequisite: PHED 10

4 credits

Active Living 11 is designed to offer students a variety of team and individual sports. Students in Active Living 11 may also participate in an active health program and a first-aid course. Students will be required to do some peer instruction. Components that may be covered include badminton, basketball, volleyball, soccer, softball, football, ball hockey, rugby, and a variety of minor games.

ACTIVE LIVING 12

Prerequisite: ACT. LIV. 11

4 credits

Active Living 12 is designed for students genuinely interested in the participation in and further development of lifelong sports. This program aims to promote a positive attitude towards an active, healthy lifestyle. The development of leadership skills and community or school service is a very important aspect of this course. Components will vary with each teacher, but will include peer teaching, team and individual sports and recreational and leisure activities.

Components that may be covered, include: badminton, golf, ball hockey, basketball, bowling, flag football, softball, ultimate volleyball, outdoor pursuits, and a variety of minor games. Students may have an active role in planning the activities for the class.

Outdoor Education 10 & 11/12

Through interaction with the natural world, the Outdoor Education 11/12 course aims to develop an understanding of our relationships with the environment, others, and ourselves.

The Outdoor Education course is based on the experiential learning cycle that encompasses 3 big Ideas:

- Participation in outdoor activities allows for the development of skills in a complex and dynamic environment.
- Spending time outdoors allows us to develop an understanding of the natural environment and ourselves.
- Participating safely in outdoor activities requires communication, teamwork, and collaboration.

The course lends itself to an integrated approach between practical experiences, the environment, and conceptual understandings. Students develop self-awareness by engaging in a range of challenging outdoor activities which may include (Kayaking, Surfing, Hiking, Biking, Rock Climbing, or Paddleboarding). Longer trips, such as an overnight camping trip may also take place where they will learn preparation skills.

The course facilitates the development of a sense of place as a result of a greater understanding and appreciation of the local natural environment. The development will be brought through a lens of first people's traditional practices and ecological knowledge related to activities in the local environment.

Students learn skills that encourage them to minimize their impact on the environment and understand why this is so important while also learning valuable life skills such as but not limited to first aid, environmental awareness, emergency preparedness, and group management.

The course will prepare students for career and employment pathways in areas, such as outdoor leadership, environmental interpretation, environmental planning, facilities management, eco-tourism, military service, outdoor education, and the many unforeseen areas evolving in the outdoors industry.

Science

Science 11/12 Options

(You need a minimum of 1 science course of any level to meet graduation requirements; certain universities require an English 12 plus three Academic Grade 12 courses – all the grade 12 science courses listed below are academic along with math/socials/language 12 courses)

Life Sciences 11 – This course give the student an overview of the living world around them. It begins with the fundamental unit of life, the cell, and goes through the process of how single celled organisms have developed into the diversity of life that surrounds us.

Topics include:

- Characteristics of Living Things
- Process of Evolution, Taxonomy
- Plant Biology
- Animal Biology

Anatomy & Physiology 12 – This course is designed for students that are thinking about studying science at a higher level.

Topics include:

- Cell Biology (cell compounds, ultra structures, ultra processes, cancer)
- Human Biology (structure/function and disorder of digestion, circulation, blood and immunity, respiratory, excretory, endocrine, nervous, and reproductive systems)

Chemistry 11 – This course will explore numerous topics with an emphasis on applications and implications to society, health, and the environment.

Core topics include:

- Safety
- Measurement
- The Mole
- Atoms & Molecules
- Chemical Reactions
- Solution Chemistry
- Organic Chemistry



Science Continued

Chemistry 12 – This course is designed for students that are contemplating studying science after high school.

Core topics include:

- Reaction Kinetics (Collision Theory, factors affecting rate, mechanisms)
- Equilibrium (characteristics of equilibrium, Le Chatelier's Principle, Application of K_{eq})
- Solubility of Ionic Substances (solubility rules, K_{sp} , Qualitative Analysis)
- Acids-bases (Bronstad-Lowry Definition, K_a , K_b , Buffers)

Physics 11 – This course is intended as an introduction to the scope, nature, and relevance of physics. Planning and conduction experiments, graphing, global applications and skepticism will be common threads throughout each unit.

The four main areas of study are:

- Kinematics in 1D (position, velocity, acceleration, uniform motion, uniform acceleration, projectile motion)
- Dynamics (Newton's Laws, gravity, friction, springs)
- Momentum (momentum and impulse, conservation of momentum, collisions and explosions)
- Energy (work, kinematic, potential and thermal energy, conservation of energy, power and efficiency)
- Other topics may include: waves, optics, particle physics, and relativity

Physics 12 – This course concentrates on basic areas that are essential for studies in physics or applied science (ex. engineering, mechanics, and electromagnetism).

Main topics are:

- Vectors, Motion in Two Dimensions
- Universal Gravitation
- Charges and Currents
- Electromagnetism

Environmental Science 12 –

Topics include:

- Topics on Human actions affect the quality of water and its ability to sustain life.
- Human activities cause changes in the global climate system.
- Sustainable land use is essential to meet the needs of a growing population.
- Living sustainably supports the well-being of self, community, and Earth.

Earth Science 11 – Topics include:

- Properties of earth materials (minerals, igneous rocks, sedimentary rocks, metamorphic rocks, geologic resources)
- surface and internal processes of the rock cycle
- economic and environmental implications of geologic resources within B.C. and globally
- evidence that supports plate tectonic theory and factors that affect plate motion
- First Peoples knowledge of local plate tectonic settings and geologic terrains
- the hydrologic cycle
- changes in the composition of the atmosphere due to natural and human causes
- weather as the interaction of water, air, and energy transfer, and solar radiation interactions and impacts on the energy budget

Social Sciences

Social Studies 11/12 Options:

(You need a minimum of 1 course to meet graduation requirements; certain universities require an English 12 plus three Academic Grade 12 courses – all of these are academic along with math/science/language 12 courses)

20th Century World History 12

- Authoritarian Regimes
- Civil Wars, independence movements, revolutions
- Human Rights movements
- Religious, ethnic, and/or cultural conflicts, including genocide
- Global conflicts, including WWI, WWII, and the Cold War
- Migrations, movements, and territorial boundaries
- Interdependence and international co-operation
- Social and cultural developments
- Communication and transportation technologies



BC First Peoples 12

- Traditional territories of the BC First Nations and relationships with the land
- Role of oral tradition for BC First Peoples
- Impact of historical exchanges of ideas, practices, and materials among local BC First Peoples and with non-Indigenous peoples
- Provincial and federal government policies and practices that have affected, and continue to affect, the responses of BC First Peoples to colonialism
- Resistance of BC First Peoples to colonialism
- Role and significance of media in challenging and supporting the continuity of culture, language, and self-determination of BC First Peoples
- Commonalities and differences between governance systems of traditional and contemporary BC First Peoples
- Contemporary challenges facing BC First Peoples, including legacies of colonialism

Law Studies 12

- The constitution of Canada and the Canadian Charter of Rights and Freedoms
- Structures and powers of the federal and provincial courts and administrative tribunals
- Key areas of law such as criminal law, civil law, and family, children's, and youth law
- Canadian legislation concerning First Peoples
- Indigenous legal orders and traditional laws in Canada and other global jurisdictions
- Canada's correctional system and principles of rehabilitation, punishment, and restoration
- Structures and roles of global dispute resolution agencies and courts

Social Sciences Continued

Physical Geography 12

- Structure of, feedback within, and equilibrium of natural systems
- distinguishing features of the atmosphere, hydrosphere, cryosphere, lithosphere, biosphere, and anthroposphere
- connections and interactions between the spheres
- features and processes of plate tectonics and their effects on human and natural systems
- features and processes of gradation and their effects on human and natural systems
- natural disasters and their effects on human and natural systems
- features and processes of Sun-Earth interactions and resulting patterns of climate, landscapes, and ecosystems
- climate, weather, and interactions between humans and the atmosphere
- characteristics of global biomes, including climate, soil, and vegetation
- features and processes of the anthroposphere and their effects on natural systems
- natural resources and sustainability

Human Geography 12

- Demographic patterns of growth, decline, and movement
- Relationships between cultural traits, use of physical space, and impacts on the environment
- Relationship between First Peoples and the environment
- Global agricultural practices
- Industrialization, trade, and natural resource demands
- Factors behind increased urbanization and its influence on societies and environments
- Relationships between natural resources and patterns of population settlement and economic development
- Political organization of geographic regions

TECHNOLOGY EDUCATION

The Technology Education Department areas of study:

1. **Woodworking, Carpentry & Joinery**
2. **Drafting – computerized drafting**
3. **Technology Explorations**

These programs offer every student who takes them an opportunity to gain skills that will last a lifetime! These courses can be taken for general interest, as a step towards apprenticeships, or can lead to a multitude of programs at North Island College, V.I.U., and other post-secondary institutions.

WOODWORK 10

Prerequisite: None

4 credits

This introductory course helps students develop safe woodworking practices through project exploration using hand tools and stationary power tools. This course also develops measuring and drafting skills through research and development of plans and project drawings. Explorations of various wood species, and joinery methods, as well as stock breakout procedures assist students through the design process and refinement of plans.



WOODWORK 11

Prerequisite: Gr 11/12 student: N/A 4 credits Gr 10 Student: MWWK-10

This course asks students to plan for prototyping and change of design through feedback and testing. Students are asked to minimize waste of various wood species through safe exploration of hand tools and stationary power equipment, measuring tools, and finishing methods. Equipment setup and adjustment, for stock breakout, becomes common for students as they are introduced to preparation of a bill of materials and cut lists. Orthographic and pictorial drawings are also explored during the development of various projects.

WOODWORK 12

Prerequisite: Woodwork 11 4 credits This complex woodworking course has students safely explore various joinery methods, while operating, adjusting, and maintaining stationary power equipment. Students are given opportunities to explore career opportunities, sharpening techniques, and safe use of various hand tools, while refining prototypes. Students test and reflect while accurately using layout to minimize waste of wood and wood-related materials. Preparation of wood surfaces for various finishing methods are encountered after preparation of plans and investigation of wood defects.

DRAFTING 10: [Ministry Link](#)

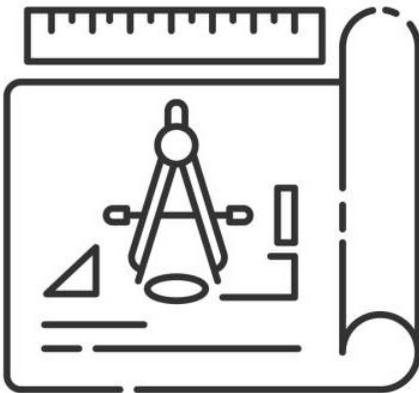
Big Ideas

User needs and interests drive the design process.
Social, ethical, and sustainability considerations impact design.
Complex tasks require different technologies and tools at different stages.

DRAFTING 11

Prerequisite: Gr 11/12 student: N/A 4 credits **Gr 10 Student:** MWWK-10 or TMET-10

As a prerequisite to further drafting and design courses, Drafting and Design 11 will provide students with the basic skills necessary to develop top quality drafts, sketches, designs, and prints as is expected of designers and draftsmen in today's marketplace. Students will be exposed to various drafting mediums such as sketching, computer-aided drafting, hard line techniques and design ergonomics in order to fulfill the required learning outcomes and be eligible to enroll in further courses.



TECHNOLGY EXPLORATIONS 10: [Ministry Link](#)

Big Ideas

User needs and interests drive the design process.
Social, ethical, and sustainability considerations impact design.
Complex tasks require different technologies and tools at different stages.

Date: _____

Name: _____

GRADUATION PLANNING		
We strongly recommend students to discuss their plan with a parent/guardian. Students are encouraged to research carefully post-secondary education programs as entrance requirements may demand specific courses from high school as pre-requisites.		
GRADE 10 REQUIREMENTS	CREDITS	
<input type="checkbox"/> English 10 (_____ (2cr) + _____ (2cr))	4	Total: _____ (out of 20)
<input type="checkbox"/> a Math 10 _____	4	
<input type="checkbox"/> a PHE 10 _____	4	
<input type="checkbox"/> Science 10	4	
<input type="checkbox"/> Social Studies 10	4	
GRADE 11 & 12 REQUIREMENTS		
<input type="checkbox"/> an English 11 _____	4	Total: _____ (min. of 20)
<input type="checkbox"/> a Math 11 or 12 _____	4	
<input type="checkbox"/> a Science 11 or 12 _____	4	
<input type="checkbox"/> a Social Studies 11 or 12 _____	4	
<input type="checkbox"/> an English 12 _____	4	
<input type="checkbox"/> _____ 12	4	
<input type="checkbox"/> _____ 12	4	
<input type="checkbox"/> _____ 12	4	
ARTS EDUCATION or APPLIED DESIGN, SKILLS & TECHNOLOGY		
<input type="checkbox"/> ARTS EDUCATION _____ 10 / 11 / 12	2 or 4	Total: _____ (min. of 4)
<input type="checkbox"/> ARTS EDUCATION _____ 10 / 11 / 12	2 or 4	
<input type="checkbox"/> ADST _____ 10 / 11 / 12	2 or 4	
<input type="checkbox"/> ADST _____ 10 / 11 / 12	2 or 4	
CAREERS REQUIREMENT		
<input type="checkbox"/> Career Life Education 10	4	Total: _____ (out of 8)
<input type="checkbox"/> Career Life Connections 12 or Capstone 12	4	
ADDITIONAL COURSES		
<input type="checkbox"/> _____ 10 / 11 / 12	2 or 4	Total: _____ (min. of 4)
<input type="checkbox"/> _____ 10 / 11 / 12	2 or 4	
<input type="checkbox"/> _____ 10 / 11 / 12	2 or 4	
<input type="checkbox"/> _____ 10 / 11 / 12	2 or 4	
<input type="checkbox"/> _____ 10 / 11 / 12	2 or 4	
<input type="checkbox"/> _____ 10 / 11 / 12	2 or 4	
<input type="checkbox"/> _____ 10 / 11 / 12	2 or 4	
<input type="checkbox"/> _____ 10 / 11 / 12	2 or 4	
<input type="checkbox"/> _____ 10 / 11 / 12	2 or 4	
<input type="checkbox"/> _____ 10 / 11 / 12	2 or 4	
<input type="checkbox"/> _____ 10 / 11 / 12	2 or 4	
INDIGENOUS-FOCUSED COURSE REQUIREMENT		
<input type="checkbox"/> _____		
GRADUATION ASSESSMENTS		
<input type="checkbox"/> Gr 10 Literacy	<input type="checkbox"/> Gr 10 Numeracy	<input type="checkbox"/> Gr 12 Literacy
TOTAL CREDITS: (80 credits minimum for graduation)		



BC DOGWOOD DIPLOMA GRADUATION CHECKLIST

REQUIRED COURSES | 80 CREDITS MINIMUM

13 Core (52 Credits) | 7 Electives (28 Credits Minimum)

At least 16 credits must be at the Grade 12 level

GRADE 10

- English First Peoples 10 or English 10
- Math 10
- Science 10
- Social Studies 10
- Physical Health Education 10
- 2 Electives

GRADE 10, 11, 12

- Arts Education 10, 11, or 12 or
Applied Design, Skills and Technologies
(ADST) 10, 11, or 12
- Career Life Education
- Career Life Connections

GRADE 11

- English First Peoples 11 or English 11
- 3 Electives

GRADE 11 OR 12

- a Math 11 or a Math 12
- a Science 11 or a Science 12
- a Social Studies 11 or a Social Studies 12

GRADE 12

- English First Peoples 12 or English 12
- 3 Electives

PROVINCIAL GRADUATION ASSESSMENTS

- Numeracy 10
- Literacy 10
- Literacy 12 (2020/2021)



Explore
Learning First Peoples
Classrooms Resources

fnesc.ca/lfp