

NECHAKO VALLEY SECONDARY SCHOOL

GRADE 10 COURSE DESCRIPTIONS

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INTRODUCTION TO STUDENTS

This book has been written for all Grade 9 students who are planning their courses. In planning you should have the advice of your parents, and in order to receive full benefit, the following should be taken note of:

1. It is important that you understand the graduation requirements. If something is unclear, be sure to contact your counsellor.

Please note:

You are responsible for ensuring that both your graduation and post-secondary admission (if applicable) requirements are met. If you plan to pursue post-secondary training, please review the section on post-secondary planning in this booklet.

2. It is important that you read the course descriptions thoroughly.

INFORMATION FOR PARENTS

TIMETABLE:

At NVSS, the school is on a semester timetable, which means that the school year is divided in half and, with a few exceptions, each student takes a total of four courses each semester. We try to balance student timetables with electives so that students are not overloaded in either semester with heavy academic courses. Students are able to meet with counsellors to have their timetables adjusted when necessary.

SPECIAL NOTES:

COURSE CONSTANTS - courses that **MUST** be taken by all students.

ELECTIVES - courses that students may choose to take considering their qualifying options and goals for future years.

QUALIFYING OPTION - a course that will give the student the background skills or is a prerequisite to senior courses in Grades 11 and 12.

COURSE LOAD - students are required to take full course loads (8 courses) in Grades 8, 9, 10 and 11.

Students are strongly encouraged to select their courses with consideration to their future plans and interests. Students will NOT be permitted to make changes to their course requests unless one of the following conditions applies:

- To meet grad requirements
- To meet Career Prep program requirements
- To complete core course requirements
- To balance academic course load

GRADUATION PROGRAM

Once you enter Grade 10, you'll be working towards completing the 80-credit graduation program.

To make sure you don't miss graduation because of a technicality, meet with a school counsellor early in the school year to find out if you're taking the courses you need. If you are planning to continue your education beyond secondary school graduation, make sure you have all the course credits you require to enter the program of your choice.

Credit Requirements: Grades 10 – 12

Eighty credits in Grades 10 – 12 (equivalent to 20 four-credit courses) are required for graduation.

52 credits are required courses, including:			Course selected
Language Arts (English First Peoples*)	10	4 credits	
Language Arts (English)	11	4 credits	
Language Arts (English First Peoples*)	12	4 credits	
Social Studies	10	4 credits	
Social Studies 11 or 12 (BC First Peoples*)	11/ 12	4 credits	
Science	10	4 credits	
Science 11 or 12	11/ 12	4 credits	
Mathematics (Workplace Math OR Foundations of Math & Pre-calculus)	10	4 credits	
Mathematics (Workplace Math, Foundations of Math OR Pre-calculus)	11	4 credits	
Physical & Health Education	10	4 credits	
Arts Education or Applied Design, Skills & Technologies (ADST)	10 or 11 or 12	4 credits	
***Grade 10 - 12 BAA courses <u>DO NOT</u> meet the Arts Educations/ADST requirement.			
Career Life Education	10	4 credits	
Career Life Connections/ Capstone Project		4 credits	
Elective Courses (7 courses)		28 credits	
*Meets NEW Indigenous-focused Graduation Requirement			
Minimum of 16 credits at the Grade 12 level including Language Arts 12.			
All ministry-authorized and board/authority-approved courses count.			

Check with counsellors before dropping a course – it could be the one you need to graduate.

Don't forget that post-secondary institutions often require you to complete specific courses to get into certain programs. Careful planning in Grades 10, 11 and 12 will ensure you have all the courses and credit you need. The majority of universities require at least 5 approved Grade 12 courses.

Provincial Graduation Assessments

The Graduation Program requires all students to write THREE Provincial Assessments.

- Grade 10 Provincial Numeracy Assessment
- Grade 10 Provincial Literacy Assessment
- Grade 12 Provincial Literacy Assessment

**** Elective choices will be based on future and career plans. Consult the Post-Secondary Planning Section on the next page or meet with a school counsellor.**

Indigenous-Focused Graduation Requirement

- As part of the Province of British Columbia's commitments to truth, reconciliation, and anti-racism, the Ministry of Education and Child Care (the Ministry) is implementing an Indigenous-focused graduation requirement for students working towards a BC Certificate of Graduation (Dogwood Diploma) in English or French.
- The new graduation requirement, came into effect in the 2023/24 school year.

Rationale:

- Why is this requirement being an important step in the BC education system?
- Implementation of an Indigenous-focused graduation requirement is an important next step in the K-12 sector's ongoing journey towards truth and reconciliation, which has included integrating Indigenous perspectives, histories, and cultures across the curriculum.

This is an important part of the K-12 sector's mandate:

- To develop the Educated Citizen, which can in turn help to promote diversity, equity, and inclusion in our schools and communities.
- The graduation requirement also provides an opportunity for schools and school districts to consult and collaborate with First Nation(s) on whose territory they are located.
- The new graduation requirement does not replace the learning standards that currently exist in the BC curriculum.
- The model for this change to the Graduation Programing allows students to meet the new requirement through existing and new course options. **Students are required to complete 4 credits of Indigenous- focused coursework to graduate.** Students can earn these credits by successfully completing:
- English First Peoples 12 would meet both the existing English Language Arts requirement for Grade 11 or 12, as well as this new graduation requirement.
- BC First Peoples 12 or Indigenous Studies 12 would meet both the existing Social Studies requirement for Grades 11 or 12, as well as this new graduation requirement.

NVSS will be offering the following courses to meet the Indigenous-Focus Graduation Requirement:

- English First Peoples 10
- English First Peoples 11
- English First Peoples 12
- BC First Peoples 12

Course Constants

Grade 10

****Successful completion of Grade 9 constants plus:**

English Language Arts 10 – English First Peoples 10

Social Studies 10

Science 10

A Math 10 (Workplace Math **or** Foundations of Math and Pre-calculus)

Physical Education 10

Career Life Education 10

Elective #1 – If planning to attend university a Second Language 10 may be needed

Elective #2 – based on future and career plans.

Grade 11

****Successful completion of Grade10 constants plus:**

English Language Arts 11 – English First Peoples 11

A Social Studies 11 or 12

A Science 11 or 12

A Math 11

Elective # 1 - If planning to attend university a Second Language 11 may be needed

Elective #2 – based on future and career plans

Elective #3 – based on future and career plans

Elective #4– based on future and career plans

Grade 12

****Successful completion of Grade 11 constants plus:**

English Language Arts 12 – English First Peoples 12

Elective #1 – Grade 12 course

Elective #2 – Grade 12 course

Elective #3 – Grade 12 course

Elective #4 – based on future and career plans

Elective #5 – based on future and career plans

Elective #6 – based on future and career plans

Elective #7 – based on future and career plans

Career Life Connections/ Capstone Project

Post-Secondary Planning

It is important to begin considering your “*after high school*” (post-secondary) plans in grade ten. Graduates have many post-secondary options, ranging from entering the work force, trades or technology programs or college or university courses. Having some ideas about your future plans, even though they might change, will help you select courses. It is important to take into consideration the wide variety of choices you will have, as well as the entrance requirements of programs you might apply for after high school. Do not plan for the minimum that is required. By taking a wide variety of courses during your years at NVSS, you will ensure that you are ready for whatever path you choose.

Helpful Websites for Post-Secondary Planning

www.workfutures.com

www.educationplanner.bc.ca

www.schoolfinder.com

www.myblueprint.ca/sd91

Commonly attended BC Universities and Colleges

College of New Caledonia

www.cnc.bc.ca

Thompson Rivers University

www.tru.ca

University of British Columbia

www.ubc.ca

University of Northern British Columbia

www.unbc.ca

University of Victoria

www.uvic.ca

To find other Colleges and Universities

www.collegeanduniversityguide.com

COUNSELLING SERVICES AT NVSS

Currently at NVSS, there are two counsellors. The counselling duties can be divided into three different areas -- educational, career and personal with educational counselling receiving the majority of the counsellors' time.

The counsellors handle registrations, course selections, and course transfers, as well as arrange and conduct meetings with parents and students.

Counsellors organize liaison visits between students and post-secondary representatives and assist students with applications for financial aid (loans, scholarships, bursaries), and post-secondary education. They counsel students regarding such things as academic progress, attendance and behaviour; they interpret educational needs of students to administration and staff.

The counsellors are always available for personal counselling and they are prepared to help students in resolving special problems (e.g. with teachers, family, peers, self) and in developing skills in making personal decisions, and in realizing potential. The counsellors will also help find special help for students, if this is needed.

As well, the counsellors and school secretaries are responsible for monitoring and maintaining adequate and accurate student information records such as: permanent record cards; graduation requirement credits; up-to-date student timetables; student medical problems; student performance surveys and interim reports; student course selection sheets; student course transfers; class size counts and limits.

Ms. Vahi works with students in Grades 11-12. Ms. MacKinlay works with students in Grades 7-10. Of course, the counsellors will be available to assist any student in emergency situations and for personal counselling.

REQUIRED GRADE 10 COURSES

English First Peoples: 10

2 credits each for a total of 4 credits Required Courses

English First Peoples Literary Studies and Composition 10 meet both the Grade 10 English Graduation Requirement and the new Indigenous-Focused Graduation Requirement. **All grade 10 students must take these courses.**

English First Peoples: Literary Studies 10

This course will focus on analysis of literature. Resources in the course are drawn predominantly, but not exclusively, from Indigenous voices. Students will explore text in a variety of forms and genres, and will be encouraged to think critically, creatively, and reflectively to explore ideas within and between texts.

English First Peoples: Writing 10

Students will explore text in a variety of forms and genres that use authentic Indigenous voices. Students will be encouraged to write critically, creatively, and reflectively to write in a variety of genres, structures, and forms, and will be encouraged to take risks in their use of language.

Science 10

4 credits Required Courses

Science 10 is a general science course in which you will seek to better understand the natural world by thinking like a scientist. You will expand your knowledge of chemistry and come to understand how energy change is required as atoms rearrange in various chemical processes. You will learn the physics of motion and how mathematics can be used to analyze moving objects. You will explore the field of astronomy with consideration towards how the universe changes over time as well as the astronomical data that supports theories of the universe. You will understand how DNA is the basis for the diversity of life on earth as well as patterns for how genetic traits are passed through generations. Finally, you will apply your learning by contributing to interdisciplinary scientific field research to monitor local watershed ecosystems. Throughout Science 10 you will use critical thinking, creative insight, and your current scientific knowledge to collaborate with peers, to investigate nature, to solve problems, to communicate effectively, to innovate, to discover, and to increase your understanding of science through hands-on experiences.

Social Studies 10

4 credits Required Courses

Social Studies 10 covers the history of Canada from 1920 up to present day. Students will learn about the events and ideologies that make a distinct Canadian identity. Canadian political identity has been influenced by social, economic, and ideological factors over the 20th century. Global and regional conflicts, such as World War II and the Cold War, have also influenced our national identity. However, there will also be a focus on the different perspectives of what it means to be Canadian and whether historical and contemporary injustices challenge our perceived identity of a multicultural Canada.

Career Life Education 10

4 credits Required Courses

The aim of **Career Life Education 10** is to enable students to develop the skills they need to become self-directed individuals who set goals, make thoughtful decisions, and take responsibility for pursuing their goals throughout life.

The big ideas are:

- Mentorship
- Strategies for maintaining well-being
- Learning styles
- Becoming an educated citizen
- Employability skills
- Appropriate workplace behaviour
- Workplace safety
- Personal networking
- Career life planning
- Financial planning
- Pre- and post-grad opportunities

Physical & Health Education 10

4 credits Required Courses – Physical & Health Ed. 10

In PHE 10, the student will be expected to demonstrate knowledge, understanding, skill, strategies, and habits by engaging in the major competency areas of physical literacy, healthy and active living, social and community health, and mental well-being. The student will expand their understanding and knowledge of how these competency areas influence personal health while considering the following concepts:

- Daily participation in different types of physical activity influences our physical literacy as well as personal health and fitness goals
- Lifelong participation in physical activity has many benefits and is an essential part of a healthy lifestyle.
- Healthy choices influence our physical, emotional, social, and mental well-being
- Healthy relationships can help us lead rewarding and fulfilling lives
- Advocacy for the health and well-being of ourselves and others connects us to our community
- Understanding our personal strengths, weaknesses, and preferences helps us plan and achieve our goals and objectives
- Trying a variety of physical activities can increase the likelihood that we will be active and healthy throughout our lives
- Personal fitness can be maintained and improved through regular participation in physical activities

All students are expected to dress for safety and success by wearing appropriate active wear for this course including clean indoor court shoes for the gymnasium.

4 credits – Mindful Living – Physical & Health Ed 10

In PHE10- Mindful Living, the student will be expected to demonstrate growth and understanding in different ways of creating healthy long lasting life habits.

We will be exploring ways to engage our whole being – physical, emotional, mental – and putting some of those explorations into practice during our class time.

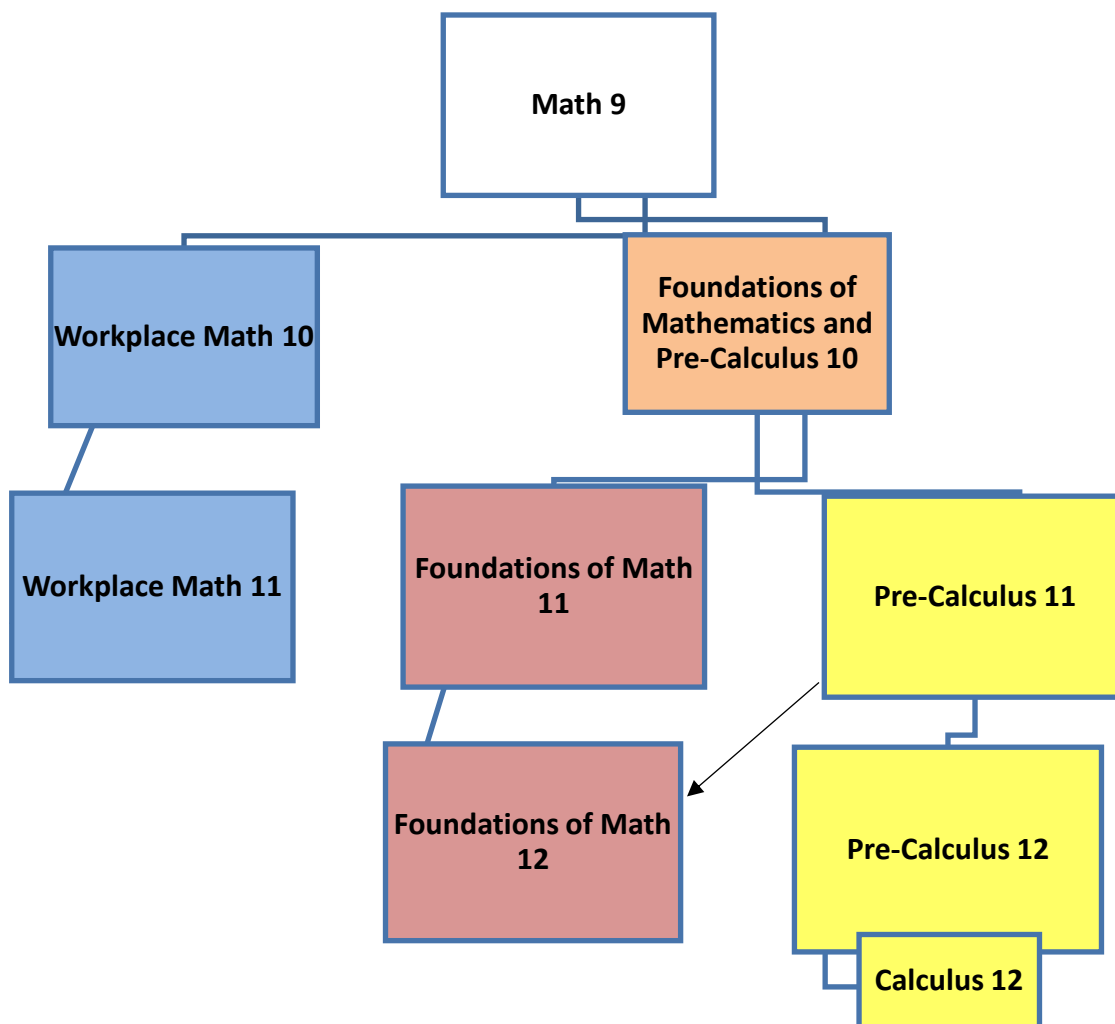
The students will expand their knowledge of:

- A variety of physical activities
- Making healthy choices in different aspects of their life
- Keeping their life in balance
- How to be resilient, resourceful, and grateful

The student is expected to:

- Participate daily in a range of pursuits including: outdoor activities, meditation, yoga, sports, crafts, journaling, etc
- Be dressed in active wear

MATHEMATICS



Workplace Mathematics 10

4 credits Required Courses

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into some trades and for direct entry into the work force.

After completion, students can register in Foundations of Mathematics and Pre-Calculus 10 (same grade level) or advance into Workplace Math 11.

Foundations of Mathematics and Pre-calculus 10

4 credits Required Courses

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies. This course is academically challenging and is intended for students with strong math skills who may wish to continue on into post-secondary studies.

After completion, students can register in Foundations of Mathematics 11 or Pre-calculus 11 based on their needs and ability.

**** If you are not sure which Math course is best for you, talk to your Math teacher! ****

MODERN LANGUAGES

Français Langue 10

4 credits Elective Courses

The language of instruction is French. Students continue to improve their vocabulary and knowledge of French language and culture through various authentic readings and films from France and French Canada. Students read a novel and a play, write movie critiques, etc. Assessment is done on listening, speaking, writing and reading.

French 10

4 credits Elective Courses

French 10 continues to build on previously acquired grammar and vocabulary. Through easy reading and watching French video clips students will further their understanding of both the French language and culture. Students will have short conversations and be able to read and write short text, and will produce a short French film.

Introductory Japanese 11

Open to students in grades 9 – 12.

4 credits Elective Courses

Introductory Japanese is a provincially prescribed curriculum that serves as a pre-requisite for Japanese 11 for students who may not have taken Japanese 5 to 10. It will introduce students to the fascinating language and culture of Japan. The linguistic component of the course will focus on the five skills of language acquisition – speaking, listening, reading, writing, and interpreting. The cultural components will include some of the many unique customs, hobbies, foods, arts, etc. which has been at the root of the island people's background for countless generations. Students will find this course as a beginning point of a life-long love and pursuit which will instill great satisfaction, as well as providing to be an important tool of communication in the Pacific-Rim.

The successful completion of Introductory Japanese 11 should provide students with a level of competence that will allow them to participate successfully in Japanese 11 and Japanese 12 courses (credit courses that will give you the second language credits required by some universities).

Japanese 11

4 credits Elective Courses

Prerequisite: Introductory Japanese 11

This course is a senior level course for Japanese students. The successful completion of Japanese 11 will satisfy the second language entrance requirement for BC universities.

Students will continue to learn to read and write hiragana and katakana and some basic kanji. Students will also learn more complex grammatical structures than the beginner course. Students will also continue to study the various cultural components of Japan including holidays and the geography of Japan.

Introductory Spanish 11

Open to students in grades 10 – 12.

4 credits Elective Courses

In Introductory Spanish 11, students will develop a desire to learn about Spanish speaking cultures and become more aware of the influence and contribution of Spanish language and culture in North America. Students will study various expressions of Spanish culture. This course can prepare students for travel to Spanish speaking countries by increasing their understanding of the language through participation in conversations, and the study of vocabulary, grammar, stories and other written material.

Successful completion of Introductory Spanish 11 should provide students with a level of competence that will allow them to participate successfully in a Spanish 11 course.

APPLIED DESIGN, SKILLS & TECHNOLOGY COURSES

HOME ECONOMICS

Food Studies 10

4 credits Elective Courses or 4 credits ADST

Students will acquire a working knowledge of nutrition, food selection, and cooking techniques through written assignments and labs. Students will discover how food choices affect all aspects of their lives, while becoming aware of food safety and global food systems.



TECHNOLOGY EDUCATION

The objective or aim of the Tech Ed. Department is to develop interests and talents that you have, or will discover you have. All of the courses will challenge you and will provide you with a knowledge that will be useful in making a choice in your life regarding your occupation or hobbies. Tech Ed. is for everyone. No matter what your goals are in life, the courses you take will allow you to keep your options open in a changing world. Take a course or two. You'll enjoy them!

Woodwork 10

4 credits Elective Courses or 4 credits ADST

This course builds on the fundamentals taught in Woodwork 9. Cabinets and projects of greater complexity and size are the focus. Students will continue to focus on safety in the shop. Students will follow building plans that they have found and developed and learn proper breakdown of wood projects.

Metalwork 10

4 credits Elective Courses or 4 credits ADST

This course is a continuation in the development of fundamental metal working skills and safety procedures that will be useful throughout a person's life. It provides technical knowledge and practical experience working in the following facets of metalwork: layout, reading drawings, sheet metal, hand tools, forging, heat treatment, oxy-acetylene welding and cutting, arc welding, and machining. This course is largely project and lab oriented.

Power Technology 10

4 credits Elective Courses or 4 credits ADST

Welcome to the exciting field of Mechanics! This course is a continuation of Power Technology 9 and is a largely project-based or hands-on based course. Students will be disassembling and reassembling a 2-stroke engine as well as bringing in your own small engine projects to work on. This course will be a valuable asset for students throughout their lives.



ELECTRONICS AND ROBOTICS

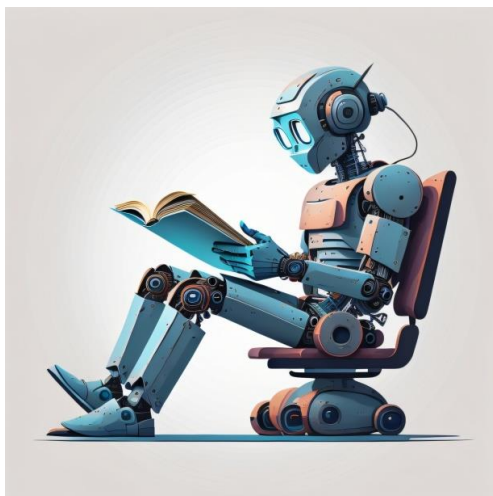
Electronics and Robotics 10

Open for Grades 10-12

4 credits Elective Courses or 4 credits Applied Skills

Electronics & Robotics 10 is an introductory course into robotics focusing on programming and building robots. This course will be useful for students interested in pursuing studies in the fields of science, engineering and robotics. This is a hands-on course that will require you to design, build and test robots. Throughout the course you will learn basic programming techniques and apply those techniques to program the robots. You will learn how to integrate the robotic sensors and motors into both the program and the actual design of the robot.

Teamwork is essential in this course as you will be part of a team. As such you will learn to work effectively in a team environment and how to communicate with each other as well as your project supervisor.



ARTS EDUCATION COURSES

DRAMA & MEDIA

Drama 10

4 credits Elective Courses or 4 credits Arts Education

In this class students will gain exposure to new genres, materials, and techniques, and begin to develop expertise in an aspect of theatre of their choice. Although this class builds on Drama 9, it is open to anyone who wants to participate in making theatre on an advanced level. Students who have experience in construction, design, marketing, leadership, sound engineering, music, and/or playwrighting are therefore encouraged to take this course alongside students focused on acting. Much of the content of this course depends on the exact interests, experience levels, and needs of the students. All students in Drama 10 will:

- Continue to grow as creators and collaborators,
- Take creative risks,
- Explore plays and dramatic forms from other cultures, eras, and environments,
- Respond to dramatic works critically and creatively,
- Rehearse, contribute to, and participate in a scripted final project with the intention of performing it for the larger NVSS community.

Photography 10

4 credits Elective Courses or 4 credits Arts Education

This course is designed to introduce students to digital photography and digital imaging in Adobe Photoshop and Lightroom Classic. Students are introduced to the fundamentals of digital camera operation and will gain familiarity with the digital camera and its many functions. There will be a focus on learning about framing, composition, lighting techniques, and the various types/styles of photography.

Photography 10 students **MUST** have a strong work ethic as they will be required to work independently to complete assignments and develop a large portfolio at the end of the semester.

Students who enroll **MUST** enjoy working with computers and blogs/websites. Students **MUST** have access to their own digital SLR camera or will be able to borrow one from the school. Students will be using very expensive equipment and **MUST** behave appropriately.

Media Arts 9

This course is open to both grade 9 and 10 students who have not taken another Media Arts course since Media Arts 7/8.

This course is an introduction to the fundamentals of digital media technologies. You will explore a variety of techniques and styles of digital media production including image editing/compositing, graphic design, filmmaking, 3D modeling, and graphic novels/comic books.

We will explore a variety of subjects/programs and will learn how to use industry standard programs including Adobe Photoshop, Illustrator, Premiere Pro, and Blender.

Students **MUST** enjoy working with computer and web-based applications and patience is essential.

Media Arts 10

4 credits Elective Courses or 4 credits Arts Education

It is strongly recommended that students have taken Media Arts 9 before taking this course.

Students can receive credits in this course multiple times by choosing different modules each time.

This course is a modular course where students will choose a module that they wish to study for the year based on their interests. Possible modules include 3D Modeling, 3D Fabrication, Video Game Design, Video Game Coding Video Production, Visual Effects, Stop-Motion Filmmaking, Digital Painting, Graphic Design, and Photography.

Students will expand on the skills learnt in Foundations of Media Arts and will focus their learning into their chosen module. Students will also participate in small class-wide learning days where the entire class learns about the practices various skills/styles of digital media production.

Students will use a variety of programs within their chosen modules, including Adobe Photoshop, Illustrator, Premiere Pro, and Blender.

Students **MUST** have a strong work ethic as modular work requires a lot of self-directed learning and troubleshooting. Students will need to keep themselves motivated and must meet assignment/project deadlines as they work on their individually chosen modules. Students **MUST** enjoy working with computer and web-based applications.



VISUAL ARTS

"Art does not reproduce what we see. Rather, it makes us see." Paul Klee

It may be drawing, painting, or sculpture that our Arts Program provides; or it may also be such things as film, animation, graphic design, or photography, that our Media Arts program offers. Media Arts is about understanding computer and information technologies and developing technical skills for use in visual communication. Visual Arts is about creating compelling visual images, conveying messages and telling stories through imagery. Through these productions students are honing such valuable life skills as problem solving, creativity, teamwork, time management, professionalism, vision, planning and organization.

Art Studio 10

4 credits Elective Courses or 4 credits Arts Education

The exploration of mediums through specific drawing, sculpture, and painting techniques

Drawing, sculpture, printmaking, and color theory.

In this course, the student will create personal meaningful artistic works that demonstrate an appreciation for, personal, social, and cultural, environmental, and historical context.

The art 10 course will expand on the four major art forms learned in art 9 while promoting independent thinking and creativity. In this course, the student will continue to learn the history, terminology and basic skills of art, while developing independent ideas and expression.

All students will participate collaborate, critique and submit as well as participate in the year-end art show.



3D Studio Arts 10

4 credits Elective Courses or 4 credits Arts Education

3D Studio Arts provides students with a foundation in 3D media, techniques and methods to utilize a variety of materials, processes, and innovations to explore and expand on the element of form. In this course, students will add to the skills and knowledge required to be expressive, creative, thoughtful and authentic through their sculpture. Students will examine and make connections to the personal, social, cultural, and environmental influences in their sculptures for individual and public audiences and through exhibitions. Sculpture includes a variety of class activities, individualized projects, and group collaborative works that build on and expand personal and collective expression and creativity.



MUSIC

Music 10: Concert Band

4 credits Elective Courses or 4 credits Arts Education

Concerts and performances outside of class time are an integral part of this course, and band members are expected to be involved.

Concert band 10 will allow students the opportunity to explore and communicate their identity through music, while gaining insight into perspectives and experiences of people from a variety of times, places and cultures. We will utilize a collaborative musical experience to build community, teamwork, and nurture relationships with others. In this course, students will:

- Perform collaboratively in a large ensemble, while developing an understanding of personal, social, cultural, historical, and environmental contexts through a variety of musical experiences.
- Develop, refine, document, and critically appraise ideas, processes, and technical skills to improve your quality of musicianship.
- Reflect on musical performance to make connections to personal learning and experiences.

Build musical literacy skills such as metre, rhythm, pitch, intonation, dynamics, and blend as they pertain to your concert band instrument in a large ensemble setting.

Music 10: Jazz Band

4 credits Elective Courses or 4 credits Arts Education

This course meets outside the timetable. A placement audition is required with Mr. Larden. You must have prior experience on either trumpet, trombone, saxophone, clarinet, drum-kit, guitar, bass, or piano. Guitarists will require elementary theory knowledge.

Jazz Band is a highly specialized instrumental organization that meets outside regular school hours. The skills and knowledge gained in the Concert Band course are imperative for success in Jazz band. Students learn the techniques of swing, funk, bebop, rock, soul, and other genres. The course will cover the principals of improvisation and entry level Jazz theory and history. Since this course meets outside the timetable, attendance at all rehearsals is a required part of the course.



**** OTHER INTERESTS ****

Entrepreneurship 12 – The Young Entrepreneur Leadership Launchpad (YELL)

4 credits Elective Courses or a Dual Credit Course

SFU: Students who complete this course with a B+ or higher receive a 1st year credit.

UNBC: B or higher receive a 100 level Commerce Course credit.

Also, all students compete to win a \$2000 scholarship from UNBC during our regional event.

No Pre-Requisites. Open to Grade 10, 11 & 12 students. Semester 1 only.

YELL Canada's Entrepreneurship 12 is a BC Ministry of Education approved high school entrepreneurship course. Students will focus on business concepts, learn from speakers, develop their own ideas and learn how to put their ideas into action. Although the course is called Entrepreneurship 12, the students learn about more than just building a business – it is about developing a growth mindset.

In this fast-changing world, regardless of the career path a student chooses, you want to develop a mindset that can problem solve when you get stuck, develop your curiosity on how you can impact the world and teach you how to present your point of view or ideas in an engaging way. A growth mindset is an entrepreneurial mindset.

The top 3 things our past students have gained from taking this course are:

1. **Self Confidence** - from speaking, sharing your ideas, building knowledge about how the world works via the eyes of the speaker here.
2. **Problem solving** - learning how to critically look at your ideas, it is about training your brain to understand the process of problem solving. Knowing when and how to PIVOT.
3. **Working in teams** - practise how to be open to ideas of other people, how to collaborate, how to work with people both that you like and don't like.

COMPUTER SCIENCE & TECHNOLOGY

Computer Science 11

4 credits Elective Courses or 4 credits Math

Open to Grade 10, 11, & 12 students

Computer Science 11 is an academic course focused developing computer programming skills for a variety of purposes. C.S. 11 is an excellent course for students considering a career in information technology or post-secondary education in computer science, science, engineering, technology, or mathematics.

This is a hands-on course based on learning by doing. You will become comfortable with the *Python programming language*. You will learn basic data types, ways to control the flow of programs, and you will be introduced to a variety of useful data structures such as lists all of which you will use to implement *algorithms*. You will also learn some of the *mathematics* behind computer science. The focus will be on logic which you will need to control your programs. You will learn to make your logical statements as simple as possible so that your programs run efficiently. Finally, you will *apply* your skills to solve a variety of real-world problems. You will have the computer perform financial analyses, perform statistics on data, and maybe even do some of your math homework for you. Convincing your math teacher that this is acceptable will be left to you!

While C.S. 11 is considered a mathematics credit by the Ministry of Education, students looking to pursue further studies in computing sciences, science, technology, engineering or mathematics are strongly encouraged to also take Pre-Calculus 11 & 12.



Special Projects – SD # 91 (Nechako Lakes)

The following is a brief explanation of some of the “Special Projects” that run annually in SD91. NVSS students are eligible to apply to these projects. While these are not 4 credit courses, they do provide students with work experience hours. Students must complete Work Experience hours to graduate.

Project Agriculture (PAG)— Project Agriculture is a careers program designed to introduce students to the world of agriculture. There is opportunity for students to spend a day at the farm. This might include operating farm equipment, feeding animals, touring the auction mart etc. PAG is normally scheduled for the third week of September.

Project Natural Resource Management— Discovering Careers in Natural Resource Management will give you an opportunity to step out to the classroom and spend two days in the field learning about many of the careers involved in managing British Columbia’s natural resources. Workshops may include Wilderness Safety, Bear Aware, Timber Cruising, Fire Suppression, Block Layout, Harvesting, Silviculture, Soils & Plants, Road & Bridge Layout, and Forest Health

Project Health— This program is in partnership with St. John’s Hospital and UNBC. The project is designed for students wanting to go into the Health Science sector. Students applying for this program must be enrolled in science courses (Grade 10 Science is the minimum requirement).

Project Forest Management (PFM)— This Work Experience Program is designed to introduce Grade 10-12 students to job opportunities related to the forestry sector. This may be done through seminars related to safety, bear aware, job opportunities etc. Students may be touring forests and mills, and there may be a hands-on component where students learn to layout blocks, GPS layout, map blocks, measure trees, and silviculture work (planting, spacing, weeding, brush cutting etc.).

Project Heavy Duty— This program is designed to introduce students to Heavy Duty Equipment operation. There will be seminars, tours, as well as hands on application. Seminar topics may include safety, WCB, trades training, and student expectations. Tours might be of local industries and businesses that operate these types of machinery. Students are then taught to operate machinery such as loaders, trucks, excavators, feller-bunchers, butt-n-tops, skid steer loaders, skidders, cats, etc.

Project Fire Fighter— This program is meant for students who have participated in FFT12. The students will be introduced to live fire scenarios at the regional fire training center.

Canfor Connect— This project is in partnership with CANFOR and COFI. This program is intended to introduce job opportunities to NVSS students, especially those wishing to attend post-secondary institutions. Canfor offers students the opportunity to work weekend clean up to save towards their future education. There will be a presentation, tour, and a question and answer period for students.

Student Name: _____

NVSS Grade 10 Course Selection

2024-25

6 REQUIRED COURSES:

Add your grade level (in case you need to repeat a course), as well as your Math and PHE choice.

1. English _____
2. Social Studies _____
3. Science _____
4. Career Life Education 10 _____
5. Math Choice: _____
6. Physical & Health Education Choice: _____

2 ELECTIVE & ALTERNATIVE CHOICES:

Alternative choices are mandatory for ALL students!

1. First Choice: _____ Alternative: _____
2. First Choice: _____ Alternative: _____

Parent/Guardian Signature: _____

IMPORTANT NOTES:

French or Spanish to the Grade 11 level is sometimes needed if students are considering going on to university.

ALL students must commit to their course selections.

Class size and elective offerings are determined by student's original selection of courses.

Students are strongly encouraged to select their courses with consideration to their future plans and interests. Students will NOT be permitted to make changes to their course requests unless one of the following conditions applies:

- ♦ To meet graduation requirements
- ♦ To meet Career Prep Program requirements
- ♦ To complete core course requirements
- ♦ To balance academic course load

**ALL COURSE SELECTION SHEETS MUST BE COMPLETED, SIGNED
BY YOUR PARENT/GUARDIAN, AND RETURNED TO THE OFFICE
BEFORE**

TUESDAY, March 12, 2024

NVSS Grade 10 Course List 2024-25

**** Please write your 2024-25 course choices on the backside of this page and have your parent/guardian sign in agreement to your choices. ****

GRADE 10 REQUIRED COURSES (You must have 6)	GRADE 9 REQUIRED (If you have any to be repeated)
English 10 (EFP Literary Studies & Writing)	English 9
Science 10	Science 9
Social Studies 10	Social Studies 9
Workplace Math 10 or Foundations of Math & Pre-Calculus 10	Mathematics 9
Physical & Health Education 10 or Mindful Living 10	Physical & Health Education 9 or Physical & Health Education Mindful Living 9
Career Life Education 10	

GRADE 10 ELECTIVE COURSES (You must choose 2, plus 2 alternatives)	
MODERN LANGUAGES: Carrier Language 10 French 10 Français Langue 10 (<i>French Immersion students only</i>) Introductory Japanese 11 Introductory Spanish 11 Japanese 11	ARTS EDUCATION: Drama 10 Art Studio 10 3D Studio Arts 10 Media Arts 10 Music 10: Concert Band Music 10: Jazz Band Photography 10
APPLIED SKILLS, DESIGN & TECHNOLOGIES: Food Studies 10 Power Technology 10 Metalwork 10 Woodwork 10 Electronics and Robotics 10	OTHER INTERESTS: Entrepreneurship 12 (YELL) Computer Studies 11

Course descriptions are also available online:

To view our course description books online, visit the school website at:

www.nvss.sd91.bc.ca

If you do not have internet access, you can request a copy of this book at the office.