



Course Descriptions 2021/2022

Grade 9

Required Courses:

All Grade 9 students are required to take the following core courses:

- Math
- Science
- Social Studies
- English
- Physical & Health Education
- Career Education
- TAG

Elective Courses:

The following are descriptions of our electives. Some courses may not be offered depending on interest and staffing.

Grade 9 students will take four electives over the year, two electives per semester. Electives are offered three times every week for one semester unless otherwise indicated.

Hockey Academy, Band, and Musical Theatre are **year-long courses**. These specialty programs will take place during Enrichment. As they are scheduled at the same time, you may take only one each year.

FINE ARTS & PERFORMING ARTS

Students **must take at least ONE** of the following:

Art 9A

Students will build on previous basic skills to create projects using the following techniques and materials: pen and ink, oil pastels, charcoal, sketches, pencil crayon, watercolour and ceiling tiles.

Art 9B

Students will focus on units/projects that take longer to complete and involve various skills: painting, multi-media banners, face cards, cardboard, and portraits.

Sculpture/Pottery 9

Students will learn basic sculptural and hand-building techniques: Clay, plaster carving, cardboard construction, and other sculptural media if time permits.

No prerequisite

Drama 9

This course is performance-based. Students will learn about character, stage movement(blocking), theatre history, directing and scriptwriting through the performance of monologues and scenes. Students can create and perform Children's Theatre and present it at the local elementary schools. If this course is offered during the second semester, students can participate in the local festival competition.

No prerequisite

Musical Theatre 8/9 (1 elective and enrichment block)

This course involves auditioning for and performing in full-scale production of a musical at the North Peace Cultural Centre in May every year. Students receive instruction in singing, acting, and choreography. Musical theatre requires considerable commitment outside of regular class time as rehearsals and shows occur outside of school and on weekends.

No prerequisite.

Stagecraft 8/9

Come learn how to design and run a theatrical performance from behind the scenes! There is no acting in this course! Students will learn the basics of lights, sound, costumes, makeup, marketing a show, and stage management. Crews will design and build the props, set, costumes and advertising for the Christmas show and the Spring Musical in May at the Cultural Center. Students will be required to participate in running rehearsals and performances outside of school hours.

Band 8/9 (1 elective and enrichment block)

It is expected that the student will develop a keen interest in playing the instrument, advanced technical ability on the instrument, a refined sense of ensemble playing, and skill and appreciation that will carry on beyond secondary school. Please note that all students will participate in Concert Band performances, evening rehearsals, and related activities. Students will be evaluated on intonation, phrasing dynamics, balance, tone quality, tempo, articulation, and style for all performance tests and attitude (self-improvement, commitment, confidence, leadership, pride, involvement and ability to follow instructions).

Materials: Students are expected to provide a Theory text and an ensemble Method book as prescribed by the instructor. Students using district-owned equipment (including percussionists) will be levied a user fee (per instrument) per year to cover costs of scheduled maintenance and offset depreciation.

APPLIED DESIGN, SKILLS AND TECHNOLOGY (ADST)

Students must take at least TWO of the following:

Woodwork 9A

This course will continue developing students' design and building skills in Woodwork, where students will develop a safe attitude when working in a shop situation. The students will learn how to safely use hand tools and build their marking and measuring skills on the first project (*Triple Cross Puzzle*). In the second and third projects (a choice from various projects like *Salad Tongs*, *CO2 Dragster*, *Sliding Book Rack*, *Small Boxes*, *Gumball Machine*, *Clocks*, *Wall Shelf*, *Step Stools*, and more), the students will have the opportunity to use most of the power machines in the shop. The fourth project (e.g., *Spinning Top*, *Honey Dipper*, Pen turning, Pizza Cutters. etc.) will introduce students to woodturning on the lathe. A final project may utilize the CNC Router and CNC Laser machines on projects like signs, carvings, crib boards, boxes and more.

Woodwork 9B

This course will continue developing students' design and building skills in Woodwork, where students will develop a safe attitude when working in a shop situation. Students will have numerous project options that will be different from what they built in Woodwork 9A but will allow them to enjoy woodworking for a full year.

Metalwork 9

Safe operation of oxy/acetylene, MIG, TIG, Stick Arc welders, plasma cutting, spot welding, and plasma cutting table CNC (design computer).

Safe and comfortable handling of hand tools related to metalworking and sheet metal.

Projects: Mandatory Tea light project.

Each type of welding will have a project.

Possible CNC/plasma cutting project if mandatory work completed.

Personal projects are encouraged after, bearing on time and material.

Robotics 9

Students will learn the basics of programming, coding, & electronics using Arduino software/hardware in this course. They will also learn essential skills such as collaboration and problem-solving. We will be looking into scientific phenomena, such as Ohm's law & how that applies to making real-life circuits for electronics & robotic systems. Students will design a prototype Xmas light setup, potentially flashing along to a given tune's rhythm. They will get a basic understanding of servo motors & how they work, and other exciting things in electronics & robotics. During the course, they will have an open-ended project where they create their climate-control system (for use in a greenhouse, for example).

Some students will also get the option to build a "Smart Car" and 3D design a "weapon" to attach to it. They will compete in a battle bot tournament, with the goal being to pop a balloon attached to the opposing car.

Yearbook 9

This is a computer course where students plan and create the school's yearbook. Students will learn desktop publishing, graphic design and photography basics while meeting the strict publishing company deadlines. Real dedication is needed by the students as some outside class time is essential for photographing various events and for job completion.

No prerequisite.

Computers 9

In addition to improving proficiency with word processing, presentation formats, spreadsheets and coding, students will be introduced to other programs such as 3D printing, web page design, graphic design, vinyl cutter designs (stickers, signs, t-shirts), CNC laser designs (ornaments, signs), sublimation printer designs (t-shirts, coffee mugs). The course will also cover safety, privacy, piracy and ethical concerns surrounding the Internet's use. This course will be mostly project-based and student-directed.

Foods 9

This course is an exciting experience for students who have a continuing interest in nutrition, consumerism, and the principles of food preparation and presentation for the individual and the family's needs. Topics such as quick breads, eggs, pasta, and rice will be covered. This is a practical and theoretical course.

No prerequisite

LANGUAGE, LEADERSHIP & TUTORIAL

French 9

Students will work to develop fluency and comprehension in both oral and written French, building on the foundations laid in French 8. The most effective way to learn language is through participation and

enjoyment – in target language activities, in conversation, and in appreciation of culture. Our classes will be designed to be as hands-on and authentic as possible, using music and media, place-based activities (e.g. walks), games, and story, reinforced by more old-fashioned lessons and practice.

Prerequisite: French 8

W.E.B. Leadership 9

WEB stands for Where Everyone Belongs. The students in this group will, with a partner, have a group of grade 7 students that they have to mentor and take care of for the year. The class curriculum is based on personal and character development, anti-bullying strategies, leadership, communication, facilitation and service. WEB leaders will welcome new students to the school, teach lessons and coach students in ten areas that are important to middle school success. They will also plan social events for the school.

Tutorial 9

Students who have demonstrated a significant need for extra help keeping caught up on coursework can request a tutorial block. This course is for students who are making the best possible use of their class time and are taking advantage of tutorials offered by their teacher(s). Students **MUST** come prepared for their tutorial block. (They must have some coursework to do and the necessary materials.) Students not using tutorial time and students not behaving in class will be removed from this tutorial period.

PHYSICAL & HEALTH EDUCATION

Physical & Health Education 9

Students participate in basketball, volleyball, soccer, football, softball, gymnastics, dance, fitness and other activities. Students have opportunities to experience both team-based games and individual activities. Gym strip and appropriate footwear are required.

Hockey Academy 9 (1 elective and enrichment block)

This is a skills-based program that allows students to develop their fundamental hockey skills through both on and off the ice instruction. As part of our program, the students spend time on ice forming skating, puck handling and shooting skills. When the ice is no longer available, we perform off-ice fitness training and discuss health-related topics. Our program is meant to be a supplementary hockey program to help develop players' skills and understanding of hockey.

Academy Fees and Application Required. For more information, please contact Mr. Louie or Mr. Taggart.