



Hazelton Secondary School

Course Catalogue

2015-2016

At Hazelton Secondary School we offer a variety of courses that are inclusive, creative and exciting. In this catalogue you will find a brief description of the subjects that are currently offered.

English/ Social Studies:

Humanities 8 and 9

Humanities is a broad scale, year-long course that seeks to relate English and Social Studies 8 & 9.

English 10

The aim of English Language Arts is to provide students with opportunities for personal and intellectual growth through speaking listening, reading, viewing, writing, and representing to make meaning of the world and to prepare them to participate effectively in all aspects of society. Through the study of a variety of literature, including short fiction, non-fiction, novel, poetry, drama; and film, students are expected to comprehend and respond to oral and written text, to communicate ideas, information, and feelings using various media, to think critically and creatively, to reflect on their thinking and learning, and to develop a continuously increasing understanding of self and others. This course includes a mandatory provincial exam that is worth 20% of the students' final grade for the course.

Communications 11 and 12

Communications 11 and 12 focus on the essential language skills needed to function successfully in daily life and the workplace. More specifically students engage in lessons that create a positive attitude while speaking, reading and writing. Course content is focused on the culture of being a teenager and the responsibility of being a member of a remote community.

English 10 First Peoples and English 11 First Peoples

English 10 and 11 First Peoples provide opportunities for all students to learn about and engage with indigenous creative expression and the worlds of First Peoples provincially, nationally, and internationally. These courses focus on the experiences, values, and beliefs of First Peoples as shown in various forms of text: oral stories, speech, poetry, drama, song, film, and fiction and non-fiction prose. An important feature of the courses is their emphasis on **authentic** First Peoples voices; all approved texts are created by or with First Peoples. Another key feature is the recurrence of

central themes of identity and the significance of colonization. There is also a strong emphasis on the importance of the oral tradition in First Peoples' cultures. English 10 First Peoples is the academic equivalent of English Language Arts 10, and requires students to complete a provincial exam worth 20% of their final grade. English 11 First Peoples is the academic equivalent of English 11. They are designed to enable students to develop the English language and literacy skills required to meet provincial graduation requirements.

English 12 First Peoples

English 12 First Peoples provides opportunities for all students to learn about and engage with indigenous creative expression and the worlds of First Peoples provincially, nationally, and internationally. These courses focus on the experiences, values, and beliefs of First Peoples as shown in various forms of text: oral stories, speech, poetry, drama, song, film, and fiction and non-fiction prose. An important feature of the course is its emphasis on **authentic** First Peoples voices; all approved texts are created by or with First Peoples. English 12 First Peoples is the academic equivalent of English Language Arts 12, and requires students to complete a provincial exam worth 40% of their final grade. English 12 First Peoples draws attention to recurring themes that are part of the world view of many First Peoples, including connection to the land; First Peoples' spirituality; the role of Elders; the value of knowledge; relationships between individual, family, and community; the importance of the oral tradition the experience of colonization and decolonization (including residential schools, the Indian Act, etc.); and the role of humour in First Peoples culture.

English 12

English 12 is a senior level English course and is meant to be challenging. Students are expected to produce high quality work and to pass the course in order to graduate. In this course, students are expected to continue to improve their skills in the six areas of language arts: reading and viewing, listening and speaking, and writing and representing. The skilled use of language is associated with many opportunities in life, including further education, work, and social interaction. English 12 provides students with the opportunity to study a variety of literary, oral, and informational texts. Through these texts, students will be presented with a window to the past, a complex portrayal of the present, and questions about the future. English 12 has a mandatory provincial exam worth 40% of the students' final grade for the course.

First Nations Studies 12

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

Social Studies 11

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

History 12

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

Geography 12

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

Personal Futures 12

This is a course that offers you time, guidance and a place to discuss and complete the required Graduation Transitions package mandatory for your graduation. The course is worth 8 credits so you will also participate in other hands on units around technology, your future, social responsibility, and preparedness skills for the world after HSS.

Planning 10

In this course you will discover tools that will help you manage, organize and enjoy everyday life, as well as your school career. Most of what we do in our lives involve decisions that not only affect us as individuals but the world around us; therefore, you will be presented with strategies for making decisions and critically analyzing information as well as many opportunities to put these strategies into practice. There are four components: graduation program requirements and course planning as well as an introduction to the Graduation Portfolio; education and career planning, health and finance.

Peer Tutoring 11

Peer Tutors have a rewarding opportunity to help fellow students while developing their own INTERPERSONAL SKILLS. Grade 11 or 12 students can apply to be a Peer Tutor and works in a class where they have skills and knowledge. This is an experiential course which promotes the development of leadership and communication skills, role model qualities, and enhanced personal growth. Weekly assignments and conferences will provide strategies for building rapport and developing tutoring skills, as well as enable the Peer Tutor to build self-confidence. This course takes the Peer Tutor from being a "helper" to being a "leader", which is an experience known to be rewarding and worthwhile. Units for the course include:

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|-------------------------------|-------------------------|
| 1) Strategies for Peer Tutors | 4) Communication Skills |
| 2) Motivation | 5) Listening |
| 3) Leadership | 6) Teaching |

Peer Tutoring 12

Students in Peer Tutoring 12 have a rewarding opportunity to help fellow students and assist their Sponsor Teacher while concurrently developing their own tutoring skills and leadership competencies. Students in this course will have the opportunity to pursue more complex challenges and build upon previous experiences in Peer Tutoring 11. A large component of the Peer Tutoring 12 course involves planning

and implementing a bi-weekly mini-lesson in collaboration with the Sponsor Teacher. In the latter part of the course, the Peer Tutor will design a Leadership Activity Project which they will take ownership of within the context of the class. Weekly assignments and conferences are an integral component of this course. Units in the Peer Tutoring 12 course include:

- 1) Advanced Strategies for Peer Tutors
- 2) Social Development of Youth
- 3) Making Connections in the Classroom
- 4) Leadership
- 5) Learning and Teaching

Business and Marketing 10/11, Entrepreneurship 12 *

Are you interested in learning about business and the economy? Are you interested in learning about promotion, advertising, and pitching an idea? Are you interested in maybe owning your own business and being your own boss? Do you have an idea for a business and would like to start bringing that dream to a reality? This course may be for you. In this course you learn basic business, marketing and entrepreneurship theory including business ethics and social/corporate responsibility. Students will research possible business ideas and then actually develop and run an actual business during the semester. Students who are interested will have the opportunity to prepare for E-Spirit: Aboriginal Youth Business Competition, which brings youth across Canada together in May somewhere in Canada, to present and share business ideas, and learn more about the spirit of entrepreneurship.

*These courses run at the same time

MATHEMATICS 8-12

Math 8

Math 8 is a required course for all Grade 8 students. Math 8 continues what students have learned in Math 7 and builds on concepts with fractions, integers, surface area and volume, algebraic relations, rates and ratios, percentages and probability. Regular attendance is essential to provide a strong base for all future math courses.

Math 9

In Math 9 students will learn the basic math operations needed to continue on to Foundations of Mathematics and Pre-calculus 10. Topics include: polynomials, fractions, integers, exponents, graphing, and solving linear equations.

Apprenticeship & Workplace Math 10

This grade 10 math course focuses on math topics that can be useful in our daily tasks, such as unit conversion, money and currency, measurement, and a little bit of trigonometry. The course should be useful for students wanting to pursue careers not strongly related to math. This course leads to Apprenticeship & Workplace Math 11, which can be used as a graduation requirement. A provincial exam will also need to be written for this course to be fully completed.

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include algebra, geometry, measurement, number, statistics and probability. This course can be used as a math 10 credit for graduation and prepares students for the AW 11 Math course.

Foundations of Mathematics and Pre-calculus 10

In this course, students have a chance to practice their algebra skills while learning new concepts in measurement, trigonometry, polynomials, roots, powers, relations, functions, linear functions and systems. This course can be used as math 10 credit for graduation. This course is recommended if you wish to continue to Pre-Calculus 11 or Foundations 11. A provincial exam will also need to be written for this course to be fully completed

Apprenticeship & Workplace Math 11

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

Foundations of Math 11

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

Pre-calculus 11

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

Pre-calculus 12

This is a senior, academic, math course that is designed for students who will be continuing their education in university to pursue careers in Science, Math, or Business. The course is centered on functional relations between variables including Transformations, Radicals, Polynomial, Logarithmic, and Rational functions. As well as an in-depth study of Trigonometric functions and identities, and an introduction to Permutations and Combinatorics. This course requires a strong commitment to home study and a minimum of a B in Pre-calculus 11.

Sciences

Science 8

Is a required course for all Grade 8 students. The topics that will be covered include: cells and systems, fluids, water systems, and optics. There are many hands-on activities as well as opportunities for projects and personal exploration. Regular attendance is a must.

Science 9

Science 9 continues to explore the mysteries of the natural world. Topics include Scientific Method, Chemistry, Electricity, and Reproduction. Students are prepared with all the background knowledge necessary to be successful in Science 10.

Science 10

Is a required course for graduation and has a provincial examination at the end. It is academically rigorous and covers topics on Biology, Chemistry, Physics, and Earth Science. There is a mandatory laboratory component and regular attendance is a must.

Biology 11

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

Biology 12

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

Sustainable Resources (Forestry) 11

S.R. Forests 11 is a "hands on", experiential, project based, senior science elective that counts toward your graduation requirements. In this course you will establish a working understanding of environmental stewardship principles and environmental literacy. With this as a frame of reference, we will examine British Columbia's forest industry; past and present. Traditional Gitksan cultural perspectives, and other west coast native use and techniques of working with wood, will be examined as a central theme. Students will learn to identify all the species of commercially harvested trees in our area as well as many other species of plants that have had a cultural significance.

Earth Science 11

In Earth Science you will learn about the structure of our planet Earth, the forces that impact the surface of the earth such as volcanoes, earth quakes and plate tectonics. You will also learn about the effects of weather on our planet and how human behavior may impact weather patterns.

Physics 11*

Physics is the study of matter and energy, and of their interactions in relation to everyday life.

The major subtopics are:

Skills, Methods, and Nature of Physics	Momentum
Kinematics	Energy
Forces	Wave Motion and Geometrical Optics
Newton's Laws	Special Relativity: Nuclear Fission and Fusion

*Pre-requisite(s): Pre- Calculus Math 11 is recommended

Chemistry 11

Chemistry 11 is a general chemistry course where the focus is the application of chemistry and chemical principles as they apply to everyday life. There is some math — Involved, and it is generally expected students in Chemistry 11 have completed Pre-Calculus 10

Chemistry 12

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

Languages:

Gitxsan 8•11

Gitxsan is the language of our eastern and western villages. In grade 8 students begin to learn the basics of the Gitxsan language and culture. In the following years students will continue to develop their language skills and will be exposed to, and experience, the vibrant culture of the Gitxsan. Gitxsan 11 is accepted as a second language University requirement for many university entrance programs

Core French 8-11 (French as a Second Language)

As much as possible, language learning should emulate authentic language use by: recognizing and using common patterns, adjusting the message in order to use known expressions and vocabulary, supporting oral and written expression, listening, viewing, or reading to focus on key information and taking risks with the language, using a variety of reference materials, including dictionaries, for comprehension and production.

Core French begins with basic French vocabulary, knowledge of sentence structure and basic conversation. In following years students become more adept at conversation and writing and reading in the French language. French 11 is accepted as a second language for university entrance. A second language is required for some university and college programs.

French Immersion 8-12

FRENCH IMMERSION JUNIOR CLASSES

Learning French as a Second Language gives the student the opportunity to: acquire knowledge, learning processes, capabilities and attitudes necessary to communicate in French effectively and with confidence, acquire a knowledge, understanding and appreciation of the French language through cultural contexts, and to acquire a knowledge, understanding and appreciation of written, oral and visual expression of French works.

The student learns French not only through the study of the language itself, but also through all the materials studied in Humanities and Personal Planning.

The acquisition of the language operates as the student communicates his experiences, feelings and thoughts and when seeking to understand the world and the information surrounding it.

French IMMERSION SENIOR Classes

The student who completes his secondary education in the immersion program will be able to continue his studies in a French language postsecondary institution or accept employment in a workplace francophone or bilingual by: interacting naturally and easily in all situations where French is the language used, inside and outside the school and communicating orally in various situations inside and outside the classroom without resorting to English.

This program is a continuation of the French Immersion program in elementary school. Please see Mr. Melanson if you require more information.

HOME Economics:

Foods and Nutrition 10/11/12

Every day you are responsible for feeding yourself and possibly others. Learn to do it easily and healthily. The best part --: you get to eat what you make. Learn basic nutrition, meal planning, and cooking and baking techniques, as well as management and safety in the kitchen. This course is an active program where we cook and bake regularly and somewhat individualized to the group depending on prior experience, and interest. Common units include basic baking; stock and soup making; cooking with vegetables; starches: rice, potatoes, beans; desserts; how to use spices; fish, poultry, and meats; and dishes from around the world.

This combined class is run on a 3 semester cycle and can be taken in all three grades without unnecessary repetition.

Intro to Culinary Arts & Hospitality 10/11/12 · 2 block course (8 credits)

Be a step ahead of the rest and ready for a job! Get introductory skill and theory training in the college level Professional Cook 1. Learn to cook and bake at a professional level. Learn how to budget, purchase food, plan menu's, and price your product. Get experience catering and selling food. Cook and bake like they do on the Food Network. Have friendly competitions. Learn general job skills, work ethic, and become a valuable employee. Learn how to work in the hospitality industry. Get certification in courses such as Food safe, First Aid, World Host, WHMIS, and Serving it Right. Have a lot of fun! This course runs as an all morning class or an all afternoon class and takes up two blocks in your schedule.

Textiles 10 / Textiles 11

This course is all about making **COOL STUFF!!** The sewing machine is a great tool for creating and repairing just about anything made from fabric. Projects could include clothing, sportswear, outdoor gear, travel gear, pillows, stuffies, bags and packs, tool pouches, quilts, gifts, toys, and other fun items such as hats, texting gloves, photo frames, frogs and geckos, and more. Students will also learn how to read a commercial pattern and make a pair of PJ pants or PJ shorts. This textiles course is an excellent opportunity to build hands-on skills while also allowing for individual creativity and choice. Beginners, novice, or advanced, guys or girls, this senior textiles course is for any student who wishes to develop practical sewing skills while working in a creative and relaxing atmosphere.

STUDIO ARTS: Fabric & Fibre 11 / 12

This course is for students who have previously completed Textiles 10 or Textiles 11. Let the sewing machine become your new BFF as you sew, create, repair, re-purpose, alter, and design a variety of items from bags to pouches, hats to wallets, and pillows to fabric bowls and boxes. Students will continue to build skills as they read commercial patterns for projects to be made on the sewing machine. Students will also be introduced to the serger and the embroidery machine. Students will have the opportunity to design and stitch their own logos for their projects, which could include First Nations designs. This textiles course is for students who wish to bring their skills up to the intermediate/advanced level. There will be opportunity for students to work with a wide variety of materials and a vast array of projects. SAFF 11/12 focuses on hands-on skills and creativity, combined with fun and relaxation.

Family Studies 12

The aim of Family Studies 12 is to provide students with the knowledge, skills, and attitudes that will assist them in making informed decisions related to parenting, adolescence, adulthood, family and interpersonal relationships, and housing and living environments.

Students will have the opportunity to:

- practice decision-making and problem-solving skills
- identify and explore personal and educational requirements related to family studies career opportunities
- participate in activities that reflect skills required in the workplace
- examine and practice skills that help develop healthy relationships
- consider, propose, and implement ways to meet the needs of individuals and families
- practice managing resources to develop as globally responsible producers and consumers
- appreciate the diversity of cultures in relation to the care of others
- consider and apply practices to nurture the growth and development of individuals at various stages of their lives.

The interrelation of intellectual, human, social, and career development in the curriculum provides students with strategies for managing their lives more effectively.

Performing Arts:

Band 8/9

The band program at HSS is for elementary and secondary students. It runs from September to June and classes are after school, twice a week. Students receive 90 minutes of instruction per week, and are expected to practice at home and show up for extra rehearsals and concerts throughout the year. Students are able to start in grade 6 and continue through high school. High school students enrolled in the program are either students with band experience or they can join us as beginners.

Guitar 10/11/12

This is a course that focuses on learning to play the guitar. Students will enter the course as beginners or experienced players and will work on individual growth on the guitar. Students will learn how to read music in both the traditional notation and the tab method. It is the goal of the course that all students will feel competent to chord, play scales and read music, and that more experienced players will become more proficient. Practice is a crucial part to becoming an accomplished musician.

Drama/Acting/Stagecraft/Management/Directing/Script Development 10/11/12 *

Participate in a number of activities or specialize in a specific skill development including: leadership/teamwork games, acting/performance, stage management, lighting, sound, costumes, publicity, make-up, props, writing and even directing. There is usually an opportunity to produce a play and go to the Drama Festival for those who are interested. Gain confidence, strengthen communication skills, and develop leadership skills. An excellent course for any career.

*These courses run at the same time

Film and Television/Photography 10-12 *

Film & TV*: For the beginner, the dabbler, the You-Tuber or the aspiring professional. Learn or advance your skills with digital camcorders, screenwriting, storyboarding, directing, filming short videos, editing and acting for the camera. Editing (including effects like Green Screen) will be done with Final Cut Movie and Adobe Premiere. Students also learn to use Garage Band for soundtracks. Many past students have used this course as an introduction to future post-secondary film programs and careers. This is a dynamic, creative and fun course.

Photography*: In the photography component, students will explore the world of the still picture: the art of picture composition; lighting; exposure; editing; printing; technical use of the camera; careers in photography; and the history of photography. Students are welcome to bring their personal camera.

*These courses run at the same time

Musical 10/11/12

Be involved in the production of a musical either as a performer (lead or chorus), choreographer, pianist, stage-manager, costume designer, set designer, backstage crew (lighting, sound, make-up, costume, set, props, crew) Front of House Manager, Production Manager (publicity, etc.). Rehearsals are for 3 months at lunch and after school. Performances will be a Thursday/Friday/Saturday evening either in the winter or the spring.

Indigenous Performing Arts 10-12:

This course explores the performing arts in indigenous cultures from every continent of our world. Both contemporary and traditional dance, singing, drumming and other instruments, theatre, and multi-media performance will be studied and practiced. The history of the art and the significance to both the contemporary art world and the traditional culture will be studied, respected, and honored. There will be a focus on our local Gitksan performing arts with a variety of special guests from many Gitksan and Wetsuweten villages. Traditional songs and dances will be learned and practiced. New songs and dances will be learned and practiced. Old techniques for special *effects* and staging will be explored. New plays such as our own world toured and written play *Nox Xya: Our Footprints*, and scenes from accomplished aboriginal playwrights such as Thompson Highway, Drew Hayden Taylor, Yvette Nolan, and Marie Trembley will be performed. We will also continue the tradition of indigenous performing arts by creating our own piece. Lots of room for people in this class who have different interests: drumming and music making; singing, dancing, acting, directing, backstage.

Practical Arts:

Carpentry & Joinery 10/11/12

In this course the student will learn the safe use of shop and tools. After an initial theory course on major machine safety, the student will begin a project that is within their capability of completing. The projects fall mostly within the joinery category, such as blanket chests, tables and medium sized wood projects. On occasion, there are opportunities for a carpentry project. Due to the large expense for building materials, carpentry projects are usually small sheds, dog houses, etc. and depend on a sponsor for a suitable project. Through hands on experience students will grow in their ability and competence in working with wood.

Fine Art Woodwork 10 /11/12

In this course you will learn how to use wood to create intricate and beautiful objects. You will appreciate the differences in various woods and learn how to finish wood products to enhance their appearance and structure. This is a skill that will last you a lifetime!

Electronics 10/11/12

The purpose of this course is to introduce students to the subject of Basic Electricity and Basic Electronics. No previous knowledge of the subject is assumed. The course deals with electricity/electronics on a theoretical level as well as on a practical level (hands on). In fact, labs are an integral part of the curriculum and are provided to reinforce the text material. Theory combined with practical hands-on projects makes learning electronics fun and easy. If you want to know more about how iPods, Smart Phones and TV Satellite Receivers work this is the right course for you! You will acquire a bag of simple electronic tricks that will stay with you for life.

Information Technology 10, Digital Media 11/12

This course starts with an introductory unit on how the internet developed and touches on terminology as well as the operation of the World Wide Web. In addition, students will acquire a variety of skills necessary to clearly present information to a wide audience. Adobe Illustrator and /or Paint Shop Professional and "Blender" are introduced to manipulate and create 2D images and 3D objects. In the second phase of the course students practice programming using computer languages such as HTML for creating Web pages as well as Python used for creating games and applications. Finally students will familiarize themselves with Microsoft Excel for data manipulation and Power Point for slide show presentations. In summary, the Info Tech course will provide students with the basic skills necessary to embrace the fast world of Digital Technology.

Automotive Technology 10/11/12

Small engine: Students who are new in the auto shop will partner up with a friend and learn everything there is to know about a lawnmower engine by dismantling and reassembling it. This is essential as the small engine is functionally similar to automotive engines we want to understand and work on later. Grade 10 students follow their small engine project with motorcycle/ATV/snowmobile repair or join senior students with automotive

repair: brakes, drive train, engine, exhaust, suspension, lifts etc. while working on personal or teacher/public vehicles. Car Care: Students will learn where the essential fluids are in their car, as well as when and how to check them.

Metal Fabrication and Machining! 10/11/12

Learn a variety of metal work techniques: Lost Wax Silver Casting(Ring Making): Go Cart/ Anything you want fabrication: Students demonstrating a combination of smarts and drive can attempt more complex fabrication projects like go carts; Candle Lantern Project: Students combine sandblast-etched glass and metal welded iron frames to produce beautiful lanterns; Aluminum Casting: Students carve a clay pattern to pour an aluminum foundry art project; Welding Fabrication: Students gain machining and welding skills while fabricating a gaming dice.

VISUAL ARTS

Visual Arts 10

This course emphasizes learning through practice; building on what you know; and introducing you to new ideas, materials and processes for artistic thinking and experimentation. You will have the opportunity to produce work in the areas of pen and ink, clay and plaster casting, print-making, charcoal, drawing and painting. Learning will include the application of the elements and principles of design, incorporating the creative design processes and the relationship between form and content. You will also learn about connections between works of art and their historical contexts.

Studio Arts 11/12: Drawing and Painting

Drawing and Painting will enable you to develop more advanced art skills and creative strategies through a variety of 2-D activities. Suggested projects include: drawing techniques (pencils, pastels, charcoal and ink), painting (watercolor and acrylic), Mixed media, poster and graphic design, digital imagery. Creativity and experimentation are encouraged. Additional units in art history, perspective and application of the elements and principles of design will be included.

Studio Arts 11/12:ceramics and Sculpture

This course will enable you to focus and develop skills in image development, context and elements and principles of design in the area of Ceramics and Sculpture. Projects and media may include: ceramics (clay, glazes, and stains), sculpture (wood, soapstone, plastic, cardboard, wire, concrete stepping stones, paper mache, Styrofoam, etc.), recycled objects, and glass work (stained and fused). You will learn new techniques and develop skills in handling a range of tools and equipment necessary for creating art.

First Nations Art 10/11/12

First Nations Art is a comprehensive course that offers many options; Students will develop the skills to draw basic form and designs; building on experience and practice, they will also gain skills in painting designs; they have the opportunity to enlarge designs and finally are challenged to create their own design. In the second term, the students will have the opportunity to choose from a variety of projects. They learn the basics of carving with the grain of wood by carving a soapberry spoon, then if they choose to do so, carve a ladle. Other choices are to learn beading techniques, make artistic creations with clay or make a pair of moccasins. Some of the projects are functional as well as artistic.

Physical Education:

P.E. 8 and 9

COURSE Objectives:

1. To participate in a variety of physical and recreational activities.
2. To foster success and enjoyment in games and activities through skill development
3. To develop a positive attitude and an appreciation for conditioning. To participate in activities that will establish a minimum level of fitness for all students.
4. To demonstrate an appreciation of individual differences and to encourage good sportsmanship in all aspects of the program. All students are expected to be positive, cooperative and tolerant with their classmates.

P.E.10/11/12

PE 10 is a required course for graduation. Students in senior P.E. will:

- Apply concepts of a balanced, healthy lifestyle to design programs for themselves
- Improve personal endurance, strength, flexibility and diet

- Demonstrate an appreciation of the needs of various age and ability groups
 - Follow safety practices that serve to prevent injuries and limit risks
- Model and apply leadership skills
- Apply a level of understanding of simple body mechanics
- Assess the impact of activities on the environment
- Apply knowledge and skills from certification programs

Outdoor Education 10/11/12

Please see administration for more information about this course.

