

Course Calendar 2016-2017

Incoming Grade 10 Students



CALEDONIA



GRADUATION REQUIREMENTS

SUMMARY OF GRADUATION REQUIREMENTS

To graduate on the 2004 Graduation Program, students must earn a minimum of 80 credits:

48 credits of required courses	(12 courses)
12 credits of Grade 12 elective courses	(3 courses)
16 credits of Grade 10, 11, or 12 level elective courses	(4 courses)
4 credits of Graduation Transitions	

REQUIRED COURSE CREDITS

Language Arts 10 course	(4 credits)
a Language Arts 11 course	(4 credits)
a Language Arts 12 course	(4 credits)
Social Studies 10	(4 credits)
a Social Studies 11 course	(4 credits)
Science 10	(4 credits)
a Science 11 course	(4 credits)
a Mathematics 10 course	(4 credits)
a Mathematics 11 course	(4 credits)
Physical Education 10	(4 credits)
Planning 10	(4 credits)
Applied Skills/Fine Arts 10/11/12	<u>(4 credits)</u>
	48 credits

ELECTIVE COURSE CREDITS

Students must earn a minimum of 28 credits.

- 12 credits (3 courses) must be Grade 12 courses (in addition to the Language Arts 12 course)
- 16 credits (4 courses) may be Grade 10, 11, or 12 courses

GRADUATION TRANSITIONS

Students must complete Graduation Transitions tasks (4 credits).



COURSE SELECTION

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

GRADUATION REQUIREMENTS		CREDITS
GRADE TEN		
1	English 10	4 credits
2	Sciences Humaines 10 or Social Studies 10	4 credits
3	Science 10	4 credits
4	Apprenticeship and Workplace Mathematics 10 or Foundations of Mathematics and Pre-Calculus 10	4 credits
5	Physical Education 10	4 credits
6	Planning 10	4 credits
GRADE ELEVEN		
7	Communications 11, or English 11	4 credits
8	Sciences Humaines 11, or Social Studies 11, or B.C. First Nations Studies 12	4 credits
9	Biology 11, Chemistry 11, Earth Science 11, Physics 11, or Sustainable Resources 11	4 credits
10	Apprenticeship and Workplace Mathematics 11, or Foundations of Mathematics 11, or Pre-Calculus 11	4 credits
GRADE TWELVE		
11	Communications 12, or English 12	4 credits
12	Grade 12 course	4 credits
13	Grade 12 course	4 credits
14	Grade 12 course	4 credits
15	Applied Skills or Fine Arts course 10, 11, or 12	4 credits
16	Elective 10, 11, or 12	4 credits
17	Elective 10, 11, or 12	4 credits
18	Elective 10, 11, or 12	4 credits
19	Elective 10, 11, or 12	4 credits
20	Graduation Transitions	4 credits
		80 credits



COURSES AVAILABLE

Computer Education

Media Arts 10
Yearbook 11

Career and Personal Planning

Planning 10

English

English 10

Home Economics

Foods and Nutrition 10
Textiles 10

Languages

Français Langue Seconde 10 (French Immersion Students)
Sciences Humaines 10 (French Immersion Students)
French 10

Mathematics

Apprenticeship and Workplace Mathematics 10 **OR** Foundations of Mathematics and Pre-Calculus 10

Performing Arts - Drama

Drama 10: General
Drama 10: Theatre Production
Musical Theatre 10

Performing Arts – Music

Music 10: Concert Band
Music 10: Concert Choir * Students meet after school
Music 10: Jazz Band * Students meet in the mornings before school starts

Physical Education

Physical Education 10
Superfit Basketball 10 * Students meet in the mornings before school starts

Science

Science 10

Social Studies

History Through Popular Culture 10
Social Studies 10
Sciences Humaines 10 (French Immersion Students)

Technical Education

Technology Education 10: Drafting and Design
Technology Education 10: Metalwork
Technology Education 10: Power Mechanics
Technology Education 10: Woodwork

Visual Arts

Visual Arts 10: General
Northwest Coast Art and Design 10



FRENCH IMMERSION STUDIES

To graduate with completion of the French Immersion Program, a student must earn credit for Francais Langue 10, 11, or 12 courses taught in French; at least one of the additional two courses must be Grade 11 or 12. Caledonia offers Francais Langue 10, Francais Langue 11, Francais Langue 12, Sciences Humaines 10, and Sciences Humaines 11.

Grade 10 students in French Immersion **must** take English 10 or English 10: First Peoples and Francais Langue 10.

Grade 11 students in French Immersion **must** take Communications 11 or English 11 or English 11: First Peoples **and** Francais Langue 11.

Grade 12 Students in French Immersion **must** take Communications 12, English 12: First Peoples, or English 12, **and** Francais Langue 12.

SCHEDULING

Most courses at Caledonia are a semester in length; some are full year. Students are required to take a full course load of eight courses each year. Some courses may be offered outside regular school hours. A student may take a “ninth block” of study; see a counsellor for details. Some courses listed may **not** be offered. Course scheduling depends on the number of students requesting a course and the availability of teaching staff. In classes with limited space, priority for placement is given to Grade 12 students and to students preparing to enter special programs such as ACE-IT.

Students may not normally enrol in academic courses at the grade level above. A student wishing to take an academic course at the grade level above (such as Biology 12 taken by a Grade 11 student) must have a strong recommendation from the teacher of the corresponding prior course (such as Biology 11).

EXTERNAL COURSES

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

COURSE CHALLENGE

Students who have very advanced knowledge and skills in any secondary school subject offered by Caledonia may be able to get credit for a course through challenge. See an administrator at Caledonia Secondary School to discuss details of this opportunity. Deadlines: Semester 1 – first Friday in October, Semester 2 – first Friday in March.



BOARD/AUTHORITY AUTHORIZED COURSES

Board/Authority-Authorized courses are Grade 10, 11, and 12 courses developed locally or by other agencies that meet standards set by the Ministry of Education. There is no limit to the number of BAA courses that can be used as part or all of the 28 credits of “Elective Courses”. They may also be counted toward the 12 credits of Grade 12 elective courses. These courses can not be used to meet the “Required Courses” area, with the exception that BAA Grade 11 courses may meet the Applied Skills/Fine Arts requirement. It is important to note that the BAA grade 10 and grade 12 courses do not meet the Applied Skills/Fine Arts requirements.

COUNSELLING SERVICES

The counsellors provide a variety of support services for students, including those related to

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

LEARNING ASSISTANCE

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

RESOURCE ROOM

Students may apply to be in a Resource Room block for the entire semester. Priority for placement in a Resource Room block is given to students with an Individual Education Plan (IEP).

KERMODE SUCCESS PROGRAM

Students may be referred, or ask to be referred, to work in the Kermode Success Program. The needs of the individual student are reviewed when the referral is considered.



CALEDONIA CONNECTIONS PROGRAM

Connections is a way to “connect” all students to services available at Caledonia that can help them be successful. Our number one goal for Caledonia students is to have them graduate. Within the Connections program, students can receive:

- academic support during class time through one-on-one tutoring in the Connections room (with the permission of the classroom teacher)
- academic support in the class with either teacher or SSA assistance
- help with homework before or after school

These services are available for all students. If you would like to know more about this program and how it can help, all you need to do is ... ask.

TRADES 10 PROGRAM

Students combine 10 weeks of trades training at NWCC with 10 weeks of secondary school coursework to make up the second semester of the 2015/2016 school year. Trades training will consist of alternating one week intervals of full day instruction and practical work in each of these five trades areas:

Plumbing/Pipefitting
Welding or Millwright/Machinist
Electrical
Carpentry
Automotive/Heavy Duty Mechanics

Secondary school coursework will include English 10, Socials 10 and Planning 10. The secondary school coursework will operate at Caledonia as an integrated bundle that will alternate every week with the trades training coursework at NWC



Course Descriptions For Gr. 10 Students



CAREERS

PLANNING 10 (MPLAN10) Prerequisite: NONE

Planning 10 is a required course for graduation. The aim of the course is to get students to begin serious career exploration and education planning, and to introduce students to the Graduation Transitions program, which is also a compulsory part of the graduation program. Students will use multi-media sources to learn about resources they can use to assist them in exploring career and educational opportunities beyond high school.

COMPUTER EDUCATION

MEDIA ARTS 10 (MVAM-10) Prerequisite: NONE

In this course students will have the opportunity to learn the basics of a wide variety of media-based computer programs including Microsoft Office, Adobe Photoshop, InDesign, Illustrator, Flash and MovieMaker. Students will explore basic photo manipulation, videography, graphic creation and layout design. This project-based course introduces students to a wide variety of topics, giving students the freedom to be creative with their work as their skills develop. This course is a pre-requisite for Digital Art & Animation 11.

YEARBOOK 11 BAA (YCCT-1A) Prerequisite: NONE

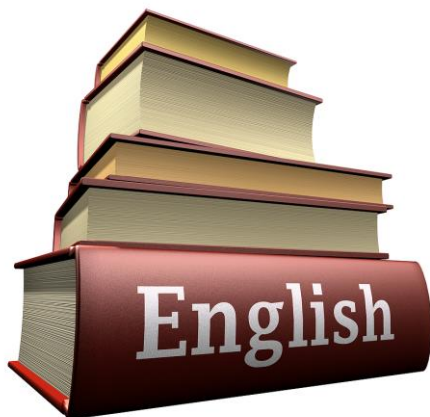
This course works on all aspects in the production of the Caledonia yearbook. Students will gain skills in digital photography, layout design, advertisement design, planning, project management, as well as writing, fundraising and teamwork

Yearbook is a 9th block and meets outside the regular timetable during lunch and after school.

ENGLISH

ENGLISH 10 (MEN--10) Prerequisite: English 9

This is a required course for graduation. Students will study short stories, essays, poetry, novels and plays. They will learn to research and write paragraphs, essays, literary responses as well as do oral presentations. The mandatory provincial exam is worth 20% of the final mark.



HOME ECONOMICS

FOODS AND NUTRITION 10 (MFDN-10) Prerequisite: NONE

In Foods and Nutrition 10, students will prepare a wide range of appetizers, side dishes, main courses, desserts, and beverages using a complete array of culinary preparation techniques. Popular cuisines from around the world will be included. Emphasis is placed on the artistry of plating and presentation. Interesting topics in food studies today which we will explore include issues such as genetically modified foods, agri-business and its effects on the environment, safety of the food supply, and how to eat healthy in today's world. We emphasize using fresh, local, and in-season foods. Be inspired, and cook great food!

TEXTILES 10 (MTXT-10) Prerequisite: NONE

This is an introductory sewing course for students who have had little or no previous exposure to a textiles course. We will begin with a few small projects, progressing to larger projects such as a ski/snowboarding hat, hoodie, quilt, and a free project. A variety of sewing techniques and fabrics will be used. Since part of the personal and creative process includes choosing your own fibers, colours, and prints, students will pay for their own project supplies. We will also look at hot topics such as modern trends in the fashion industry, and ethical considerations revolving around today's garment industry. Discover the creative and wonderfully relaxing hobby of sewing.

LANGUAGES

FRANCAIS LANGUE SECONDE IMMERSION (FFRAL10)

Prerequisite : Français Langue Seconde 9

This course is a continuation of the integrated study of all aspects of learning the French language begun in the lower grades. It includes the study of literature.

SCIENCES HUMAINES 10 (FSCH-10)

Prerequisite: This course is for students in the French Immersion program.

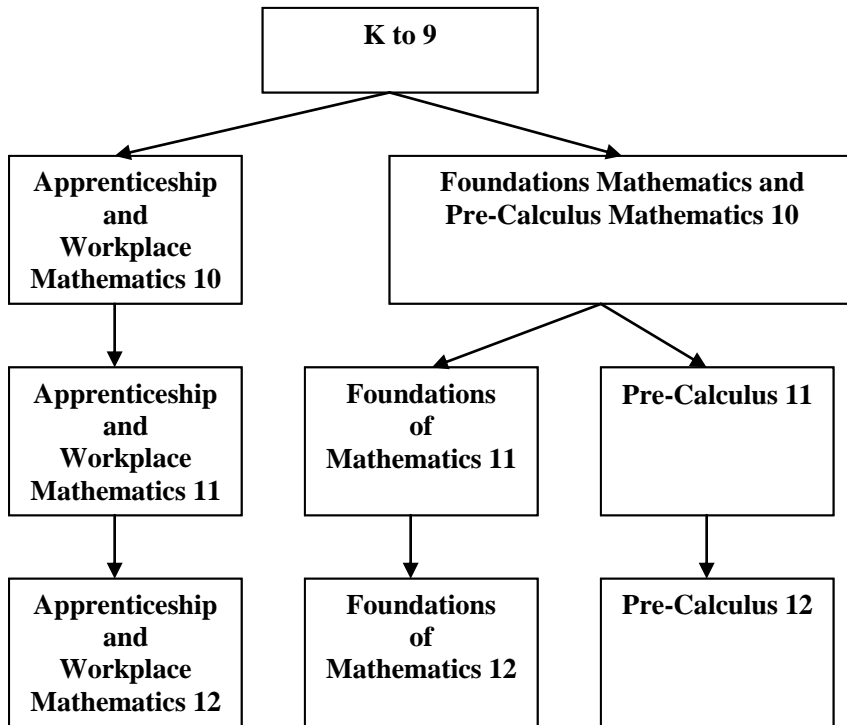
This is the Social Studies 10 curriculum delivered in French.

FRENCH 10 (MFR—10) Prerequisite: French 9

Students will increase their oral and written skills in the French language. More difficult grammatical structures and vocabulary are introduced. Students will be introduced to more sophisticated French literature.

MATHEMATICS

There are three different math pathways, each with a different focus. As can be seen from the following schematic, students that enrol in Apprenticeship and Workplace 10 then continue on the Apprenticeship and Workplace pathway. Students that enrol in Foundations and Pre-calculus 10 then continue on either the Foundations or the Pre-calculus pathway in grade 11.



MATHEMATICS

Each pathway has a different focus. In very general terms, the Apprenticeship and Workplace pathway is for students requiring math in a trade occupation and for everyday life. The Foundations of Mathematics pathway is for students taking post-secondary education that does not require calculus. The Pre-Calculus pathway is for students taking post-secondary education that requires calculus. **It is vital that students research the math requirements for post-secondary school education.** Some post-secondary institutions will accept math credit from different math pathways as being equivalent. An example would be an institution that accepts Foundations of Math 12 as equivalent to Pre-Calculus 11. Students can be on two math pathways simultaneously by enrolling in more than one math course, but once they are limited to one pathway they cannot easily change from one pathway to another.



MATHEMATICS

Apprenticeship and Workplace Pathway

This pathway is specifically designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the **majority** of trades at technical colleges and trade schools and for direct entry into the work force. While this pathway is well-suited for preparation for many trades, some trades (such as electricians) will require math from one of the other math courses. This pathway begins with Apprenticeship and Workplace 10.

Foundations of Mathematics Pathway

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. These studies include Fine Arts, Humanities, and Social Sciences. This pathway begins with Foundations of Mathematics and Pre-Calculus 10.

Pre-Calculus Pathway

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that require the study of theoretical calculus. These studies include Commerce, Engineering, Mathematics, Medicine, and Science. This pathway begins with Foundations of Mathematics and Pre-Calculus 10.

APPRENTICESHIP AND WORKPLACE MATHEMATICS 10 (MAWM-10)

This course is for students on the Apprenticeship and Workplace pathway.

Topics include measurement, geometry, pricing and income, and algebra. This course will lead to Apprenticeship and Workplace 11. The mandatory provincial exam is worth 20% of the final mark.

FOUNDATIONS OF MATHEMATICS AND PRE-CALCULUS 10 (MFMP-10)

This course is for students on either the Foundations pathway or the Pre-Calculus pathway. Topics include measurement, algebra, irrational numbers, relations, and functions. This course will lead to Foundations 11 or Pre-Calculus 11. The mandatory provincial exam is worth 20% of the final mark.



PERFORMING ARTS

DRAMA

DRAMA 10: GENERAL (MDRG-10) Prerequisite: NONE

Interested in building your confidence in public speaking and performance? This course is an introduction to theatre performance. Over the term, students will learn and practice such skills as teamwork, movement, voice, character motivation, and concentration. Students will complete many small performance-based assignments that will build these skills, and will regularly perform in front of their classmates. The second term is dominated by a class play, which will be performed before a small audience. Since this course is an introductory course, no previous theatre experience is expected.

DRAMA 10: THEATRE PRODUCTION (MDRD-10) Prerequisite: NONE

Interested in learning how to light the stage? In timing the music and the sound effects? In building and painting a set, and in doing stage make-up? This course is an introductory course to the off-stage jobs that allow a theatre performance to be successful. While you can expect some components of this class to involve on-stage acting, the focus of the course will be on the jobs that happen off-stage. Since this is an introductory course, no previous experience with theatre production is expected. The intent is that this course could be run in conjunction with the Caledonia Musical. In other words, we would bring the off-stage elements for the Musical to life!

MUSICAL THEATRE 10: (YVPA-0A) Prerequisite: NONE

This course is for students who want to participate in a musical theatre production. The focus is on commitment, self-discipline, teamwork, and theatre skills. Students will complete activities related to the preparation, rehearsal, and performance of a musical. The role in which a student is cast will determine the individual's number of days of rehearsals and amount of acting, singing, and/or dancing.

Musical Theatre is a 9th block course. Rehearsals are held after school Monday through Friday plus Sunday afternoon.



PERFORMING ARTS INSTRUMENTAL MUSIC

MUSIC 10: CONCERT BAND (MCB—10) Prerequisites: Band 9 or Adjudicated Level
This course is an extension of Band 9 with more intensive study in wind band musical performance, instrumental technique, theory, and history. The intention is that band will be offered as a full year course backed against another course over two semesters. *If extra-curricular rehearsals are necessary they will Mondays from 3:30 to 5:00pm. Fund-raising and the tour are optional.*

MUSIC 10: JAZZ BAND (MCJ—10) Prerequisites: Students must competently play one of the traditional jazz band instruments (saxophone, trombone, trumpet, guitar, bass {guitar}, piano, drums, and percussion).

Students are strongly encouraged to be concurrently enrolled in concert band 10. The ability to read music accurately is beneficial. A variety of jazz styles will be explored through listening, rehearsing, and performance. The fundamentals of improvised soloing will be emphasized and encouraged. Fund-raising and the tour are optional.

Jazz Band is a 9th block and meets outside the regular timetable on Monday, Wednesday, and Friday mornings from 7:30-8:30pm.

PERFORMING ARTS CHORAL MUSIC

MUSIC 10: CONCERT CHOIR (MCC—10) Prerequisites: NONE If you can hum you can sing!
It is preferred, but not essential, students have musical experience in voice, instruments, or piano.

Students will learn and perform music from all styles of music (classical, pop, jazz). The basics of singing music reading will be taught. Students must be willing to perform in class and in concert situations. This is a practical, therefore to receive credit you must perform in all concerts. Home practice and extra rehearsals may be necessary. Choir students are encouraged to be involved musical as part of their course work. The show is performed for the public the first week in December. Fund-raising and the tour are optional.

Choir is a 9th block and meets outside the regular timetable on Tuesdays and Thursdays afternoons from 3:30-5:30pm.



PHYSICAL EDUCATION

PHYSICAL EDUCATION 10 (MPE--10) Prerequisite: NONE

The aim of this course is to provide opportunities for all students to develop knowledge, movement skills, and positive attitudes and behaviours that will aid them in living an active, healthy lifestyle. The units of activity will fall under the categories of: Individual and Dual Activities (i.e. Badminton, Weight Training, Pickle Ball, CPR), Team Games (i.e. Volleyball, Soccer, Football, Minor Games) and Rhythmic Movement (i.e. Social Dance, Aerobics, Gymnastics).

SUPERFIT BASKETBALL 10 (YHRA-0B) Prerequisite: NONE

The aim of this course is to help students develop their overall individual basketball skills and knowledge of the game. Students will also learn to develop a sport specific fitness program which will include conditioning and weight training. Students who take this course must be prepared to work hard and commit to early morning sessions.

This course is a “ninth block” course. Students meet in the gym in the mornings before regular classes begin.

This course is NOT suitable for students who are already involved in multiple sport programs either at school and/or in the community. Participating in and following individual strength training programs, school team sports and community sport programs in addition to Superfit Basketball 10 at the same time could expose the students to injuries due to overtraining.

SCIENCES

SCIENCE 10 (MSC--10) Prerequisite: NONE

The mandatory provincial exam is worth 20% of the final course mark. This course is divided into four areas of study :

- A) *Biology* – Biomes, Ecosystems and Effects on Ecosystems
- B) *Chemistry* – Chemical compounds, Chemical reactions, Acids and Bases, Reaction Rate and Nuclear Reactions
- C) *Physics* – Motion, Velocity and Acceleration
- D) *Earth Sciences* – Heat transfer, Weather, Plate tectonics

Successful completion of Science 10 will help students decide which areas of science they will study in grades 11 and 12.



SOCIAL STUDIES

HISTORY THROUGH POPULAR CULTURE 10 (BAA) Prerequisite: NONE

History is all around us. From video games, music, books and movies, you already know a lot about the past. This course will journey from the Dark Ages to the Atomic Age (post WWII) using popular culture you are familiar with to learn more about the various eras. From Beowulf to Captain Jack Sparrow to The Family Guy, travel through time as you study. History Through Popular Culture 10 is not your typical textbook Socials class! It will be hands on, engaged learning for active participants.

SCIENCES HUMAINES 10 (FSCH-10)

Prerequisite: This course is for students in the French Immersion program.

SOCIAL STUDIES 10 (MSS--10) Prerequisite: NONE

Students will build upon previously learned skills to further develop their critical thinking skills, research and media literacy skills and communication skills. Students will learn about the historical and economic development of the Canadian nation from 1815 to 1914 including an examination of the physical geography of Canada. The course examines the changing social and cultural makeup of Canada during these times. It also deals with the events that shape Canada's government system and the effect the National Policy had on Canada's development. The knowledge, skills, and values developed in social studies help students to know and appreciate the past, to understand the present and to influence the future.



TECHNOLOGY EDUCATION

TECHNOLOGY EDUCATION 10: DRAFTING & DESIGN 10 (MTED-10) Prerequisite: NONE

This course is designed to introduce students to a drafting lab environment and drafting tools that are typically used in these areas. Students who would like to take Drafting 11 and 12 courses are encouraged to take Drafting and Design 10. Students must provide their own drafting pencils for this course. This course involves classroom work with emphasis on board drafting and sketching techniques. An introduction to CADD drafting will also be introduced to students in this class.

TECHNOLOGY EDUCATION 10: METALWORK (MTEM-10) Prerequisite: NONE

This course is designed to introduce students to a metal work shop environment and the hand tools and machines that are typically used in those areas. Students who would like to take metal work 11 and 12 courses are encouraged to take metal work 10. Students must provide their own safety glasses for this course. This course involves both classroom and shop-based work with emphasis on hands on work and project based assessment.

TECHNOLOGY EDUCATION 10: POWER MECHANICS (MTEC-10) Prerequisite: NONE

This course is designed to introduce students to a mechanics shop environment and the internal combustion engine. Students who would like to take automotive 11 or 12 courses are encouraged to take Power Mechanics 10. Students must provide their own coveralls and safety glasses for this course. This course involves both classroom and shop-based work with emphasis on hands on activities and project based participation.

TECHNOLOGY EDUCATION 10: WOODWORK (MTEW-10) Prerequisite: NONE

This course is an introductory course open to all students. It is a practical “project driven” course with an emphasis on the safe operation of both machine and hand tools. In this course the student will design and construct wood projects in the areas of carpentry and joinery. The student will be responsible for the cost of project materials.



VISUAL ARTS

VISUAL ARTS 10: GENERAL (MVAG-10) Prerequisite: NONE

This course is an introduction to the Art Foundations 11/12 and Studio Art 11/12 courses. The content may cover the basics of drawing, painting, print making, sculpture, digital art and art concepts such as composition and art history. Visual Arts 10 is designed to build on existing art skills while accommodating students new to art courses.

NORTHWEST COAST ART AND DESIGN 10 BAA: (YEAS-0A) Prerequisite: NONE

This course will introduce students to traditional Northwest Coast art and design. The course starts with technique practice in drawing and painting. Projects may include paintings, murals, carvings, clay tiles, and fibre arts among other materials. Guest artists will visit and work with students. First Nations symbolism and the historical background of myths and legends will be explored. Where possible, fieldtrips will be included in the course.

