



**Grade 11 & 12
COURSE SELECTION
BOOKLET
2018-19**

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Overview

Grade 11 & 12 Students

Graduation program planning and the course selection process are exciting times for students and parents. It is the school's responsibility along with parents to support all students in offering them a quality secondary program and in guiding their decisions while they plan their educational and career futures. The goal of any Graduation Program is to foster the intellectual, social, personal and career development of all students and to enable all students to develop the knowledge, skills and attitudes that will help them attain the competencies known collectively as the Attributes of the BC Graduate. Following are overviews, student information and course selection packages, and charts depicting the requirements of the graduation program.

2004 Graduation Program

All students in grade 11 & 12 are part of the old graduation program known as the 2004 Graduation Program. Here is a list of the graduation requirements:

Grade 10

- Planning 10 (**4 credits**)
- A Language Arts 10 course (**4 credits**)
 - English 10
 - Communications 10
- A Mathematics 10 course (**4 credits**)
 - Apprenticeship & Workplace Math 10
 - Foundation of Mathematics & Pre-Calculus 10
- Social Studies 10 (**4 credits**)
- Physical Education 10 (**4 credits**)
- Science 10 (**4 credits**)
- A Fine Arts and/or Applied Skills Course (**8 credits**)
 - Art Studio 10
 - Woodwork 10
 - Metalwork 10
 - Drama 10
 - Foods Studies 10
 - French 10

Grade 11

- A Language Arts 11 Course (**4 credits**)
 - English 11
 - Communications 11
- A Mathematics 11 course (**4 credits**)
 - Apprenticeship & Workplace Math 11
 - Pre-Calculus 11
 - Foundations of Math 11
- A Science 11 or 12 course (**4 credits**)
 - Biology 11 or Biology 12
 - Earth Science 11
 - Chemistry 11
 - Physics 11
- A Socials Studies 11 or 12 course (**4 courses**)
 - Socials Studies 11
 - BC First Nations 12
- Fine Arts and/or Applied Skills Courses (**16 credits**)
 - French 11
 - Metal & Fabrication 11
 - Physical Education 11
 - Foods and Nutrition 11
 - Family Studies 11
 - Art Foundations 11
 - Carpentry and Joinery 11
 - Yearbook 11
 - Girls in Motion 11
 - Leadership 11
 - Theatre Performance 11
 - Theatre Production 11
 - Textiles 11
 - Youth Work in Trades
 - German 11

Grade 12

- A Language Arts 12 Course (**4 credits**)
 - English 12
 - Communications 12
- Fine Arts, Applied Skills and/or Additional Academic Courses (**12 credits**)
 - Art Foundation 12
 - Biology 12
 - Comparative Civilizations 12
 - Chemistry 12
 - Carpentry & Joinery 12
 - Foods and Nutrition 12
 - BC First Nations 12
 - Foundations of Math 12
 - Geography 12
 - History 12
 - Law 12
 - Metal and Fabrication 12
 - Physical Education 12
 - Physics 12
 - Pre-Calculus 12
 - Theatre Performance 12: Acting
 - Theatre Performance 12: Directing/Script
 - Textiles 12
 - Youth Work in Trades 12
 - Train: Train in the Trades (TRU)
 - Girls in Motion 12
 - Human Performance 12
 - Leadership 12
- Grad Transitions (**4 credits**)

Completion of this course requires the following:

 - ❑ 80 hours of physical activity (grade 10 PE not included)
 - ❑ 30 hours of work experience or community service.
 - ❑ A graduation transition plan that will help students set goals for post-secondary education and/or career pursuits

Students must write a Provincial Exam in their Language Arts 12 course, as well as in their Mathematics 10 Course

Other Secondary School Options

Youth Train in Trades (YTIT)

Students can enter TRU trades programs during their grade 12 year. They will earn dual credits (secondary school credits and TRU credits). TRU will award a Foundation Certificate and credit will be earned towards the first year technical training as an apprentice. Tuition is paid by School District 73 but student are responsible for covering ancillary fees and other costs. Applications are available in January to grade 10 and 11 students.

Available Trades Options

- Mechanical Trades Foundation Training
 - Automotive Service Technician
 - Heavy Mechanical
 - Industrial Mechanic (Millwright)
 - Welding Level C
- Construction Trades Foundation Training
 - Residential Carpenter
 - Electrical
 - Electrical Industrial Instrumentation Mechanic
 - Carpentry/Joinery
 - Plumbing/Pipefitting
- Culinary Arts Training
 - Professional Cooks 1
 - Meat Cutter/Retail Meat
- Horticulture

Please See Mrs. Fennell for an application form or more information.

Youth Work in Trades (YWIT)

Any student currently employed with a ticketed tradesperson is eligible for the Youth Work in Trades Program. Students may earn up to 16 credits (4 courses) enrolled in this program. Enrolment deadline is the middle of September. Students must be working in a paid position, alongside a qualified tradesperson, be at least 15 years old and enrolled in school.

Grade 12 graduates who have completed 4 (MWRK) course may qualify for a \$1000 scholarship. The criteria for this scholarship is students must be registered with ITA as a young apprentice prior to graduation. Student must graduate with Dogwood Diploma or Adult Grad Dogwood and must have completed MWRK 1A, 1B, 2A and 2B within 6 months of graduation. Students must also have maintained a C+ average or better in all grade 12 numbered courses and reported a minimum of 900 hours to the secondary school trades coordination within six months of secondary school graduation. Please see Mrs. Fennell for more information.

TRU START

TRU Start is an opportunity for students to take Thompson Rivers University courses for dual credit. These courses can be taken on campus or through Open Learning. Students may take a maximum of two first-year university courses while still in Grade 12. English, Sociology, Psychology, Digital Art and Design, Early Childhood Education and Economics are the courses that are offered.

TRU Start *Programs* are an opportunity for students to take a full year certificate program in one of Horticulture Program, Early Childhood Education Diploma Program, Health Care Assistant Program, Applied Business Technology (Administrative Assistant) Program or Management Certificate Program. School District 73 pays the tuition costs (note: ancillary fees, lab fees and textbooks are the responsibility of the student). Please see Mrs. Fennell for an application form or for more information.

ABORIGINAL TRU START

In the Aboriginal TRU Start Program students take four university-level courses at TRU in order to experience university life. The program starts in February and ends April. The students enroll in English, Biology, Statistics and a Study Skills course and are provided with mentors to help with the transition from a high school learning environment to a university environment. Thompson Rivers University worked with the school district to develop course content that respects and integrates Aboriginal knowledge. Aboriginal TRU Start is a dual credit program. Students will receive 16 credits towards their Dogwood Diploma and 10 credits from Thompson Rivers University.

Tuition is paid by School District 73 and TRU Aboriginal Education pays for the ancillary fees. Students are responsible for one half of the textbook costs. Please see Mrs. Fennell for an application form or for more information.

Other Opportunity within School District 73

- Digipen
- Hairdressing
- International Baccalaureate Diploma
- TRU Construction Sampler
- TRU Mechanical Sampler
- Health Care Assistant
- Early Childhood Education
- Restaurant Training

Please see Mrs. Fennell for more details or visit SD73 Trades and Transition website.

Policies and Information

Promotion Policy

Promotion at the secondary level is based on course promotion. Course promotion is based on successful completion of the previous level course. Students in grade 9 will be promoted to grade 10, the beginning of the graduation program, provided they have completed a sufficient number of courses which will allow them to meet the graduation requirements by June of their expected graduation year. All grade 10 and 11 students are required to enroll in 8 courses. Grade 12 students may apply for a study block.

Dogwood Diploma

Upon graduation, students meeting the Secondary School graduation requirements are entitled to receive a Dogwood Diploma, the British Columbia Certificate of Graduation for the province's Secondary School Program.

School Completion Certificate

The School Completion Certificate is awarded to students who complete the goals and objectives stated in their Student Learning Plan as agreed upon by the student, parent and school representative. This certificate will not meet the admission requirements to post secondary institutions.

Post-Secondary Admission

There are a wide variety of programs available at universities, colleges, and technical institutes throughout BC and other parts of Canada. These programs lead to degrees, certificates, or diplomas in fields closely related to specific careers. The entrance requirements vary greatly. Students and parents are strongly encouraged to check the calendars or websites of each institution for specific requirements. Many of these are available in the Counselling Office and in the Career Centre.

Challenge and Equivalency

Many people gain credentials in the form of certificates, diplomas, and assessments outside of school. Much of this achievement is related to school course objectives. These qualifications may be recognized and thus can create time for students to study, take other electives or graduate early. See an administrator or counsellor for further information.

Challenge: to permit students, who have acquired the appropriate learning elsewhere, to obtain credit for a grade 10, 11 or 12 credit course. Students will be required to complete the Provincial, School District and school criteria established for course challenges.

Equivalency: to recognize valid credentials, at the Grade 10, 11 and 12 levels, acquired from other educational institutions or jurisdictions outside the regular school system. The learning outcomes of the external credential must have a match of at least 80% to the learning outcomes of the Ministry-authorized or locally developed course taught within the district. Further requirements also apply.

External Courses

An External Course is an organized set of learning activities developed and/or offered outside the British Columbia school system that has been authorized by the Ministry. Students receive graduation credit for successfully completing an External Course. Students can receive 2, 3 or 4 credits. To receive credit for an External Course, specific documentation from the organization issuing the credentials is required. Schools have a choice in assigning a percentage and letter grade or Transfer Standing “TS”. All students who have successfully completed an approved External Course are entitled to credit. To find out more information about External Courses, contact your school counselor or go to the Ministry of Education website <http://www.bced.gov.bc.ca/graduation>

Content Area for External Courses

An attempt has been made to list the available areas for external credit. However, new areas for external credit are added regularly. To check if an area in question is available for external credit, see your counsellor.

1. *Advanced Placement and International Baccalaureate* – assists post-secondary transitions and advanced placement. Check specific university and college calendars.
2. *Post-Secondary* - Adult Basic Education, American Sign Language, Asian Studies, Calculus, Fine Arts, First Nations Language/Linguistics/Studies, Horticulture, Business Statistics, Psychology, Sociology, Women’s Studies.
3. *Music* – BC Conservatory of Music, Conservatory Canada, Royal Conservatory of Music, London College of Music, Victoria Conservatory of Music, Trinity College: London, Associated Board of the Royal Schools of Music, Institute of Piping: Robert Malcolm Memorial Pipe Band.
4. *Dance* – Royal Academy of Dancing, Imperial Society of Teachers of Dancing (ISTD), British Association of Teachers of Dancing (BATD), Canadian Dance Teachers’ Association (CDTA), Highland Dance, Scottish Dance Teachers’ Alliance, United Kingdom Alliance of Professional Teachers of Dancing, Chinese Dance (Lorita Leung Dance Association), Associated Dance Arts for Professional Teachers (ADAPT), Association of International Dance Teachers (AIDT).
5. *Drama, Speech and Effective Communications* – Royal Conservatory of Music – Speech Arts & Drama, London College of Music, Trinity College: London – speech, drama, performance arts and musical theatre, Music, Effective Communications.
6. *Languages* – External Assessments and Certificates, Summer Language Bursary Program
7. *Sport* – Athlete, Coach, Official
8. *Youth Development* – Cadets, 4-H, Guides, Scouts, Duke of Edinburgh’s Award, Outward Bound-Coast Mountain Discovery, Coast Mountain Adventure, Grand Prior’s Badge, (St. John Ambulance Brigades), Bold Eagle Program 11.
9. *Industrial and Occupational* – Tourism, Wood Links Products Manufacturing, Lifesaving (Bronze Cross and National Lifeguard), First Aid, Medic First Aid 12, Computer Certification, Driver Education, Flight Training, Fitness Leader, Pony Club, Boating, Life Saving Instructor, Ground Search and Rescue (PEP), Canadian Red Cross Society: Water Safety Instructor, First Aid Instructor, Snowboard Instruction 11, Ski Instruction 11.

Course Descriptions

English

English Language Arts 10 (4 credits)

Course Code: MEN--10

Course Description: English Language Arts 10 requires that the student critically read and become familiar with literary techniques used in short stories, novels, non-fiction, poetry and drama. Students will also examine some elements of media. Students will be required to demonstrate listening and speaking skills, as well as participate in oral presentation. In this course, students will be exposed to more specialized types of writing such as resumes, essays, reports and formal letters.

English 11

Course Code: MEN--11

Course Description: Students will read and study novels, short stories, poetry, and drama, as well as study at least one Shakespearean play. Students will write extended essays, reports and position papers, as well as do some reflective and creative writing as they develop their composition skills. Students will be required to demonstrate listening and speaking skills, both in groups and in presentations. In conjunction, students will review and refine usage and punctuation, as well as learn appropriate method of organization and expression. Speeches and oral presentation will be required.

Communications 11

Course Code: MCOM-11

Course Description: Communications 11 is designed for the student who is weak in the basic skills of English. Course content will emphasize helping students become more proficient in the reading and writing process. Students will study short stories and novels and will learn letter-writing styles, write resumes and improve their grammar. Some time will also be spent on studying poetry and plays and on writing essays.

English 12

Course Code: MEN--12

Course Description: This course will consolidate and improve skills in reading and writing. English 12 features an intensive study of prose and poetry and requires that students demonstrate a facility with composition skills. Students will be required to demonstrating listen and speaking skills in groups and presentation.. This course is heavily academica and will demand the student be mature, conscientious and self-disciplined.

Communications 12

Course Code: MCOM-12

Course Description: Communications 12 is designed for the student who has demonstrated weak English skills. This course is not recommended for students who have underachieved due to lack of effort in the

prerequisite course or for those who are looking for an easier option to English 12. This course offers further practice in verbal and written communication and emphasizes job related language. Completion of Communications 12 does not meet admission requirement to University but does meet the admission requirement for some post-secondary programs.

Career Education

Planning 10

Course Code: MPLAN10

Course Description: This course provides students with the opportunity to plan their graduation program, explore career and post-secondary options, as well as think critically about health issues and to develop financial literacy. All students are required to take Planning 10 as an online course through Kamloops Open Online Learning (@KOOL). Students will be enrolled in Grade 9 and are expected to complete this course on their own time during the course of their high school career.

Math

Mathematics 8

Course Code: MMA--08

Course Description: This is a foundational courses that all students must take. This course will emphasize on real world application, communication of mathematical concepts and developing mental math skills.

Areas of Study

- Calculation Squares and Square Roots
- Percents, rates and ratios
- Operations with Fractions and Integers
- Pythagoras
- Solving Linear Equations
- Financial Literacy
- Surface Area and Volume
- Probability

Mathematics 9

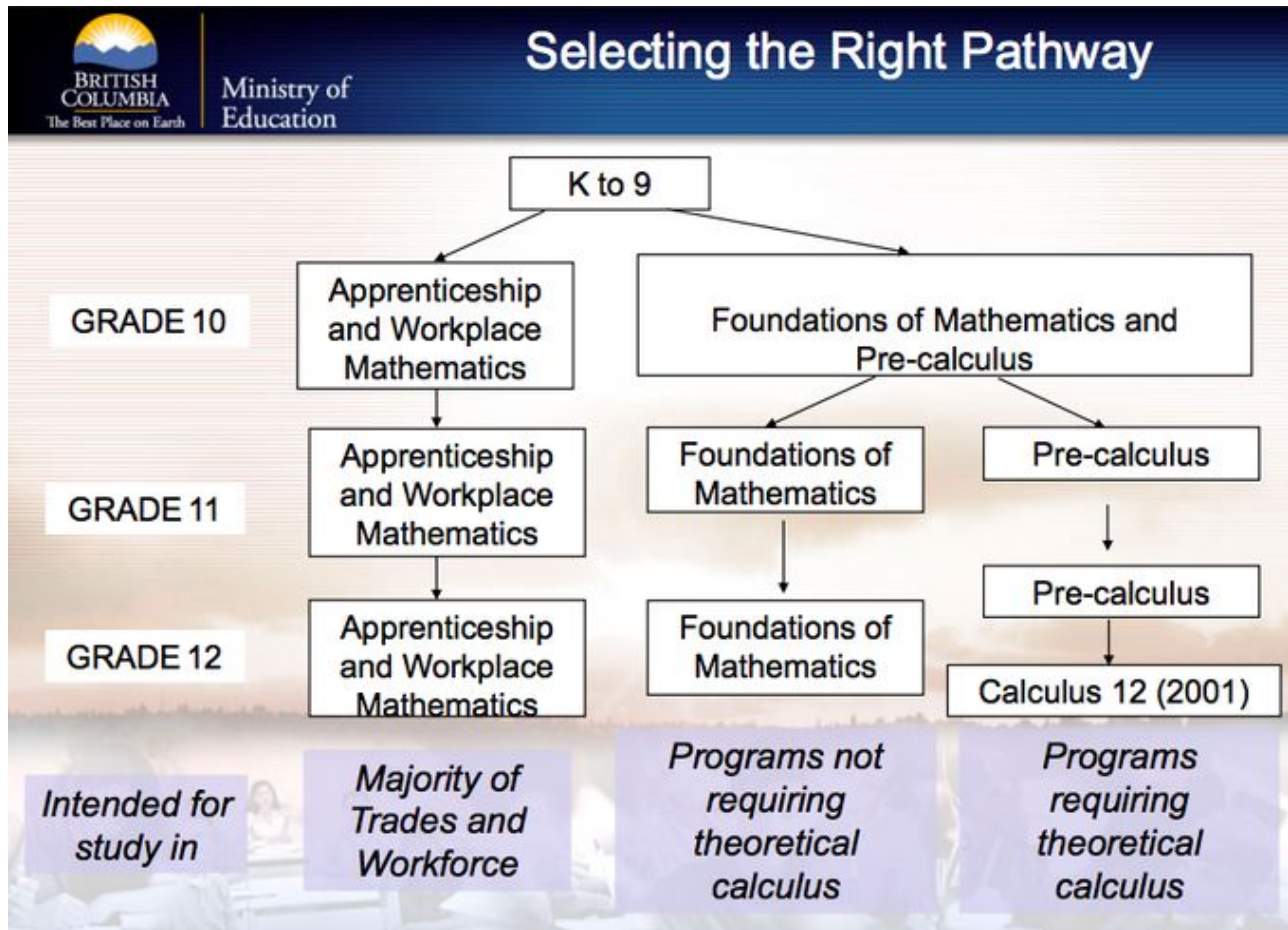
Course Code: MMA--09

Course Description: This is a foundational courses that all students must take. This course will emphasize on real world application, communication of mathematical concepts and developing mental math skills.

Areas of Study

- Working with exponents and exponent rules
- Using the rational number system
- Graphing linear relationships and using the results
- Solving multi-step linear equations and inequalities

- ❑ Working with polynomial expressions
- ❑ Geometry (surface area of composite solids, circle geometry, polygons, line and rotational symmetry)



Foundations of Mathematics & Pre-Calculus 10

Course Code: MFMP-10

Course Description: This course helps build foundational skills for higher level academic math courses.

Areas of Study

- ❑ Measurement Systems
- ❑ Surface Area and Volume
- ❑ Right Triangle Trigonometry
- ❑ Exponents and Radicals
- ❑ Polynomials
- ❑ Linear Relations and Functions
- ❑ Linear Equations and Graphs
- ❑ Solving Systems of Linear Equations Graphically

- Solving Systems of Linear Equations Algebraically

Apprenticeship and Workplace Math 10

Course Code: MWPM-10

Course Description: This course is a continuation of junior level mathematics with new topics being presented to prepare students for senior math and careers that do not require the study of Calculus. This course is designed for those who wish to pursue a career in the Trades (although most trades do require more math), Arts, or Fine Arts.

Areas of Study

- Unit Pricing and Currency Exchange
- Earning and Income
- Length, Area and Volume
- Mass, Temperature, and Volume
- Angles and Parallel Lines
- Similarity of Figures
- Trigonometry of Right Triangles
- Taxation

Foundations of Math 11

Course Code: FOM-11

Course Description: Foundations of Math 11 (and 12) are designed as courses that will prepare students for a variety of post-secondary opportunities (Arts, Business, Nursing, Tourism and some Science Programs to name a few). Foundations of Math builds on the abilities developed in Math 10 and introduces a number of new concepts as well (such as statistics and mathematical reasoning), adding to your repertoire of mathematical skills. One of the goals in this course is to help develop an understanding of how these skills could relate to your future studies and careers.

Areas of Study

- Measurement
- Geometry
- Logical Reasoning
- Statistics
- Relations and Functions
- Mathematics Research Project

Pre-Calculus 11

Course Code: MPREC11

Course Description: As the name “Pre-Calculus” indicates, this course is designed to prepare students to have the necessary skills to learn Calculus in grade 12 and/or university.

The course consists of a study of theoretical mathematics with an emphasis on problem solving and mental mathematics. This course is focused on the idea of understanding a concept and being able to show the process of how you got there.

Areas of Study

- Quadratics

- Sequences and Series
- Trigonometry
- Radical Expressions & Equations
- Rational Expressions & Equations
- Absolute Value and Reciprocal Functions
- Systems of Equations
- Inequalities

Apprenticeship and Workplace Math 11

Course Code: MAW-11

Course Description: 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 post secondary and for direct entry into the workforce.

Areas of Study

- Investing and Borrowing Money
- Managing Money
- Working with Graphs
- Slope and Rates
- Linear Relations
- Surface Area
- Volume and Capacity
- Drawing Shapes and Objects
- Solving Right Angle Problems

Foundation of Math 12

Course Code: MFOM-12

Course Description: Foundations of Math 11 (and 12) are designed as courses that will prepare students for a variety of post-secondary opportunities (Arts, Business, Nursing, Tourism and some Science Programs to name a few). Foundations of Math builds on the abilities developed in Math 10 and introduces a number of new concepts as well (such as statistics and mathematical reasoning), adding to your repertoire of mathematical skills. One of the goals in this course is to help develop an understanding of how these skills could relate to your future studies and careers.

Areas of Study

- Measurement
- Geometry
- Logical Reasoning
- Statistics
- Relations and Functions
- Mathematics Research Project

Pre-Calculus 12

Course Code: MPREC-12

Course Description: Students who take this course are generally bound for post secondary studies in math, science, and engineering. Topics include trigonometry, relations and functions, permutations and combinations and the binomial theorem. Students should have completed Pre-Calculus 11 prior to enrolling in the course.

Science

Science 8

Course Code: MSC--08

Course Description: The goal of this course is to help you build & connect your understanding of science in the context of your daily life.

Big Ideas

- Chemistry: Particle Model & Atomic Theory
- Biology: Cells & Microorganisms
- Physics: Optics
- Earth Science: Plate Tectonics

Science 9

Course Code: MSC--09

Course Description: This course will address the science curriculum of British Columbia which is based on a “Know-Do-Understand” model.

Big Ideas

- The electron arrangement of atoms impacts their chemical nature.
- Cells are derived from cells.
- Electric current is the flow of electric charge
- The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flow through them.

Science 10

Course Code: MSC--10

Course Description: This course is designed to help students develop into scientifically literate critical thinker. Students will develop and practice science process skills including being able to demonstrate safe procedures, using the scientific method to perform experiment, and collecting and interpreting data to analyze and then draw conclusions. Students will continue to develop attitudes that demonstrate ethical, responsible cooperative behavior. Topics covered in science 10 include: ecosystems, chemical reactions, radioactivity, motion, energy transfer and plate tectonics.

Biology 11

Course Code: MBI--11

Course Description: This is an introductory course in ecology and evolution. During this course students will use the core principles of evolution to analyze relationships between the 5 kingdoms of life. This course includes lab work in microscopy during the microbiology unity and some dissections during the animal unit. There will be other lab investigations when students are examining plant morphology. This course requires students to consider life in a possibly new and more meaningful way. Student will be expected to participate in class discussions and to complete projects both independently and with peers.

Chemistry 11

Course Code: MCH--11

Course Description: This is an introductory course in the science of atoms and the predictable way in which they act. Students in Chemistry 11 will study matter in all its forms and how it changes and the energy involved in its transformation. A large portion of the course will be spent on mathematical computations necessary to study the changes in matter. As well, students will look at the relationships and evolution of key Chemistry concepts including the model of the atoms, the arrangement of the periodic table and the way in which electrons move, interact and define the characteristics of elements. Students must have a scientific calculator and will be required to purchase a Chemistry 11 workbook.

Earth Science 11

Course Code: MESC-11

Course Description: This is a survey course designed to introduce students to the diverse aspects of earth and space science. Some of the major areas will include the earth and its environment, geological science, oceanographic science, and space and atmospheric science. Field trips, lab work and projects will be an integral part of this course.

Physics 11

Course Code: MPH--11

Course Description: Physics is a course in high demand as more technological jobs are created. Student would be advised to take this course if they are interested in programs or careers involving sciences, computers, medical technology, mining, electricity or vehicle maintenance, to name a few. This is an introductory course that focuses on foundational principles and skills. The areas of study are: linear motion, forces, energy waves and light. Students will investigate the relationships found in physics, develop their understanding through lab work and apply their learning through a variety of projects. A scientific calculator and graph paper are required.

Biology 12

Course Code: MBI--12

Course Description: This course looks for in depth at cytology, human anatomy and physiology. Some areas of study in this course are: biochemistry, cell structure, DNA replication and enzymatic reactions. In the human anatomy section students will examine the respiratory, digestive, cardiovascular, endocrine and reproductive system and how they work today within the body

Chemistry 12

Course Code:

MCH--12

Course Description: This is an advanced course and students taking it should have strong understanding of the principles in Chemistry 11. Topics in this course include: reactions kinetics, equilibrium, solubility, acid base chemistry and electrochemistry. This course has a very heavy mathematical component so students must be prepared for the rigours of working on advanced problem solving than include both chemical concepts and mathematical processes. Students must have a scientific calculator and will be required to purchase a Chemistry 12 workbook.

Physics 12

Course Code: MPH--12

Course Description: This is a course designed for students pursuing a post-secondary Science degree or a career involving electricity. Physics 12 is the study of mechanics and electromagnetism. It is designed to develop a high level of analytical thinking and problem solving skills. Lab experience and problem solving experiences are the focus. Core units are as follows: kinematics in two dimension, dynamics in two dimensions, circular motion and gravitation, electrostatics, electric circuits and electromagnetism. A scientific calculator and graph paper are required for this course. Prerequisites for this course are Physics 11 and either Foundations of Math 11 or Pre-calculus

Social Studies

Social Studies 8

Course Code: MSS-08

Course Description: This course is a course designed to go over the major events in the history of civilization from 500 to 1600. It is a course that will entail a lot of discussion, projects and debates as well as reading and written work.

Areas of Study

- Society and culture of early world civilizations
- Political systems and law of early world civilizations
- Economics and Technologies found in early world civilizations
- The impact of the environment of early world civilizations

Social Studies 9

Course Code: MSS-09

Course Description: This course examines Europe and North America between 1500 and 1815. During this time, Europeans explored and colonized the lands that now form Canada. Today's Canada is what it is because of the actions and beliefs of the peoples who arrived in this period and their encounters with the peoples who were already here. We will look at the roots of Canada's current strengths and weaknesses in order to develop a more informed understanding of who we are as Canadians, and who we want to be.

Areas of Study

- Society and Culture
- Politics and Law
- Economy and Technology
- The Environment

Social Studies 10

Course Code: MSS-10

Course Description: In Socials 10 a new curriculum will be implemented. The course will cover Canada and the world from 1919 to the Present, including current events.

Big Ideas

- Global and regional conflicts have been a powerful force in shaping our contemporary world and identities
- The development of political institutions is influenced by economic, social, ideological and geographic factors.
- Worldviews lead to different perspective and idea about developments in Canadian society
- Historical and contemporary injustices challenge the narrative and identity of Canada as an inclusive, multicultural society

The course will include the following content:

- Canada and its Way to Autonomy 1919-1939
- Canada at War 1936-1946
- Postwar Canada 1946-1984
- Modern Canada 1984-present
- Geography and Demography

Socials Studies 11

Course Code: MSS--11

Course Description: This course will contain a selection of topics covering three main themes;

- 20th Century Canadian History
- Canadian Government and Law
- Geography focusing on Global Issues

Students are expected to continue to build on the following skills; critical thinking, evaluation of information and effective communication

Comparative Civilizations 12

Course Code: MCCN-12

Course Description: Comparative Civilizations 12 is the study of ancient civilizations. The course will explore prominent ancient cultures and compare how they developed and how they contributed to present day cultures. Cross cultural comparisons of military strategies, art, language, religion and gender roles will be studied. This course focuses mainly on project work and research.

Areas of Study

- Ancient man/Stone age
- Mesopotamia
- Egypt
- Greece
- Rome
- Japan

Skills that will be developed are:

- Creating historical questions and thesis statements
- Conducting and citing research using internet, books and online databases
- Presenting information in both essays and presentation

This course is normally video conference

BC First Nations 12

Course Code: MFNS-12

Course Description: This course focuses primarily on BC, emphasizing the traditions and history of First Nations people. This course covers the relationships that First Nations Groups had with the land, discusses the European impact on First Nations Groups from 1770 to present, explores contemporary First Nations Issues and First Nations traditional culture. This course attempts to integrate the past, the present and future and to provide a foundation for all students so that they can develop an appreciation and respect for similarities and differences among the diverse cultures of the world.

This course can fulfill both the Social Studies 11 graduation requirement

Geography 12

Course Code: MGEO-12

Course Description: Students will learn how the world is constantly being built up by tectonic forces and worn down by erosion. They will learn how our environment affects us and how we affect our environment. Students will also learn about ecosystems, - how they function and how they can be destroyed. As geographers, we will study problems like global warming, resource shortages and pollution and be challenged to try and find solutions to them. Geography covers many topics to help students become better citizens, solve problems and give them a better understanding of the world around them.

This course is normally videoconference.

History 12

Course Code: MHI--12

Course Description: This is a course on world history that invites student to explore the forces that have helped shape the twentieth century. Students will study the relationship between the international confrontation the rise of key personality that influence and the emergence of the superpower phenomena. History 12 is a challenging course that involves extensive reading and writing. Upon completion of this courses students will understand the forces, event, personality and institution that have shape the modern world.

Areas of Study

- The Russian Revolution
- Hitler's Rise to Power
- WWII and the Holocaust
- The Cold War (Suez Crisis, Korean War, Cuban Missile Crisis)
- Conflict in the Middle East
- Apartheid in South Africa

Skills that will be developed are:

- Creating historical questions and thesis statements
- Conducting and citing research
- Presenting information in oth essay and presentation

This course is normally video conferenced.

Law 12

Course Code: MLAW-12

Course Description: Law 12 is the study of the Canadian legal system. Law 12 fosters skills and attributes that enhance student's ability to address legal, social and ethical issues. Students will also develop skills to reflect critically on the role of law in society

Areas of study include:

- Foundation Law
- Criminal Law
- Civil Law
- Family Law

Skills that are developed:

- Presenting a point of view using evidence
- Debating an analyzing controversial topics
- Empathy to see multiple points of view and outcome

This course is normally video conferenced.

Physical Education

Physical Education 8

Course Code: MPHE-08

Course Description: In PE 8, the focus is on team sports with time also spent on individual activities. PE 8 also includes fitness and active healthy living components.

Physical Education 9

Course Code: MPHE-09

Course Description: The goal of this course is to provide students with the knowledge, understanding and skills to maintain physical health throughout their lives. Our aim is to have students appreciate the importance of physical well-being and its relationship to the intellectual, mental, and social health of all individual. Students will experience multiple ways to understand and improve their fitness.

Physical Education 10

Course Code: MPHE-10

Course Description: The aim of PE is to enable students to enhanced their quality of life through healthy living and physical activity. Through participation in this course, students will develop the knowledge, skills and attitudes to allow them to incorporate physical activity into their daily lives and participate in leisure pursuits outside of the school. Curriculum activities such as individual and team sports, games, dance, gymnastics, outdoor pursuits and fitness activities. Students will have the opportunity to develop a positive attitude towards physical activity and rigorous skills to work in a collaborative setting, problem solve and develop an appreciation for personal fitness and the development of lifelong physical activity. PE 10-12 students are expected to complete a minimum of 10 hours of volunteer work in additional to course participation. This volunteer work is expected to be completed outside of the regular class

Physical Education 11

Course Code: MPE--11

Course Description: The aim of PE is to enable students to enhanced their quality of life through healthy living and physical activity. Through participation in this course, students will develop the knowledge, skills and attitudes to allow them to incorporate physical activity into their daily lives and participate in leisure pursuits outside of the school. Curriculum activities such as individual and team sports, games, dance, gymnastics, outdoor pursuits and fitness activities. Students will have the opportunity to develop a positive attitude towards physical activity and rigorous skills to work in a collaborative setting, problem solve and develop an appreciation for personal fitness and the development of lifelong physical activity. PE 10-12 students are expected to complete a minimum of 10 hours of volunteer work in additional to course participation. This volunteer work is expected to be completed outside of the regular class

Physical Education 12

Course Code: MPE--12

Course Description: The aim of PE is to enable students to enhanced their quality of life through healthy living and physical activity. Through participation in this course, students will develop the knowledge, skills and attitudes to allow them to incorporate physical activity into their daily lives and participate in leisure pursuits outside of the school. Curriculum activities such as individual and team sports, games, dance, gymnastics, outdoor pursuits and fitness activities. Students will have the opportunity to develop a positive attitude towards physical activity and rigorous skills to work in a collaborative setting, problem solve and develop an appreciation for personal fitness and the development of lifelong physical activity. PE 10-12 students are expected to complete a minimum of 10 hours of volunteer work in additional to course participation. This volunteer work is expected to be completed outside of the regular class

Human Performance 11

Course Code: YHRA-1C

Course Description: This course is designed to provide a holistic approach to self prescribing exercise for adolescents. Students will be exposed to a variety of scientific principles, techniques and methodologies pertaining to training methods used by elite level athletes. Students will learn to enhance their physical performance in the areas of strength, power, speed, agility and conditioning. They will also develop their knowledge in the area of sport psychology and healthy living. This course is intended for athletes, regardless of their specific sport who want to improve their performance and whose goals are to participate at higher level competitions.

Human Performance 12

Course Code: YHRA-2C

Course Description: This course is designed to provide a holistic approach to self prescribing exercise for adolescents. Students will be exposed to a variety of scientific principles, techniques and methodologies pertaining to training methods used by elite level athletes. Students will learn to enhance their physical performance in the areas of strength, power, speed, agility and conditioning. They will also develop their knowledge in the area of sport psychology and healthy living. This course is intended for athletes, regardless of their specific sport who want to improve their performance and whose goals are to participate at higher level competitions.

Girls in Motion 11

Course Code: YHRA-1B

Course Description: This course is open to girls enrolled in grade 11 or 12. Along with providing regular physical activity, this class will examine a students' approach to health, physical well being and nutritious eating habits. This program is divided into three areas: aerobic activity, body awareness and nutrition. Through the activity covered in this program, it is hoped that students will change they way they treat their bodies, have more energy and feel good about themselves.

Girls in Motion 12

Course Code: YHRA-2B

Course Description: This course is open to girls enrolled in grade 11 or 12. Along with providing regular physical activity, this class will examine a students' approach to health, physical well being and nutritious eating habits. This program is divided into three areas: aerobic activity, body awareness and nutrition. Through the activity covered in this program, it is hoped that students will change they way they treat their bodies, have more energy and feel good about themselves.

Visual and Performing Arts

Art 8

Course Code: MVA--08

Course Description: Art 8 builds on the concepts and skills introduced in previous years, with opportunities to work with more complex ideas and creative processes. A variety of 2D and 3D media will be explored in context with traditional and contemporary art forms from a variety of cultures. Students will work individually and collaboratively to make meaning, communicate ideas and take creative risks in the Visual Arts. Safe use of materials and studio practices will be addressed. A \$5 supplies cost will be required for this course.

Art 9

Course Code: MVA--09

Course Description: Art 9 builds on the concepts and skills introduced in Art 8. It is also suitable as an introductory course for students new to Art. This course provides the opportunity to explore the visual arts through a variety of 2D and 3D media. Students will continue to build on their learning to create personally meaningful works of art, collaborate with others and engage in more complex and challenging processes. Safety, proper use of materials and studio space will be covered. Art 9 is required for students who plan to take further Visual Art courses in grades 10-12. A \$20 supplies cost will be required for this course.

Visual Arts: Art Studio 10

Course Code: MVA10

Course Description: Art 10 is a full-semester course in which students have the opportunity to work with a wide variety of art media and technique. Students will continue to build on previous experiences and develop strong drawing skills, critical thinking, and image developing strategies. Art 10 is a prerequisite for students who may not have had the opportunity to complete Art 9, and plan to take further Visual Arts courses at the grade 11 level. A \$20 supplies cost will be required for this course.

Visual Arts: Sculpture 10

Course Code: MVASC10

Course Description: This course allows students to work in 3D art media. Hand building, and firing will be introduced. Papier-Mache, textiles, wire, paper sculpture, casting, mold-making or other media may be explored. Safe use of equipment and materials will be addressed. This course is strongly recommended for students intending to further their art or animation studies at the post-secondary level. Basic materials

and tools will be provided. A \$25 supplies cost will be required for this course. Prerequisite: Art 9 or 10 recommended

Art Foundation 11

Course Code: MAF--11

Course Description: This course allows students to continue to work with a wide variety of media, both 2D and 3D. In addition, students will be learning a variety of image development strategies to further develop critical thinking and technical skills as they apply to the visual arts. This course is suitable for all students with previous art experience who want to work with a wide variety of projects and media. It is recommended for students who plan to take further Visual Arts courses at the post-secondary level. A \$2 supplies cost will be required for this course.

Art Foundation 12

Course Code: MAF--12

Course Description: This course allows students to continue to work with a variety of media, both 2D and 3D, in addition, students will be learning a variety of image development strategies to further develop critical thinking and technical skills as they apply to the visual arts. This course is recommended for students who plan to take further Visual Arts courses at the post – secondary level. A \$20 supplies cost will be required for this course.

Drama 8

Course Code: MDR--08

Course Descriptions: Drama 8 is an introductory creative drama course. The major goal of the course is to encourage each individual student's risk-taking and build self-esteem and confidence on stage. Students will learn the importance of concentration, teamwork and self-discipline, exercise their imagination, explore movement and speech possibilities, and develop their ability to be sensitive to the needs to others. Through individual, partnered and group activities, students will engage in various dramatic structures in order to create original work, choose from dramatic forms to represent abstract concepts and develop an appreciation for the importance of the dramatic arts in our society. Students reflect in writing and during class discussion on their learning by examining guiding questions and the creative cycle.

Drama 9

Course Code: MDR--09

Course Descriptions: Drama 9 focuses mainly on developing trust and expression through exploration and imagination. This includes working with everyone in the class, appreciating everyone's different skill sets, and participating in all activities with an open mind and a positive attitude. There is also a focus on developing drama skills such using the voice and body to create expression and character, as well as improvisation and script building. Students will also learn about the technical elements of the theatre and how to create dynamic stage pictures. Students may be given the opportunity to showcase their skills through a production (IE: Christmas Play, Performance Art, Haunted House, Short Film, Scene Showcase, etc). When choosing to take drama, students should remember that drama education enhances career development. It fosters personal growth and self confidence. The knowledge, skills, and attitudes

acquired through a drama course will be valuable in any career. Drama education helps students develop intellectually by expanding their capacities for creative thought and expression, and by encouraging critical thinking skills such as curiosity, inventiveness, and flexibility.

Drama 10

Course Code: MDRM-10

Course Description: Drama 10 is a performance based course where students communicate ideas, emotion, and perspectives through movement, sound, imagery, and language. Active participation in drama creates personal and cultural connections and reveals insights into human experience. Drama offers dynamic ways of exploring one's identity and sense of belonging, and growth as an artist is dependent on risk taking, perseverance, resilience, and reflection.

Through improvisation, theatre sports, scriptwriting and performance, students will develop skills in the following areas:

- ❑ **Exploring and creating** - students will develop an understanding of theatre conventions, styles, and genres by developing dramatic works with audience in mind.
- ❑ **Reasoning and reflecting** - students will analyze, interpret, and respond to a variety of dramatic works and use reflection as a tool for reforming performance.
- ❑ **Communicating and documenting** - students will communicate and interpret ideas in theatre, and receive and apply feedback in performance. Students may also use performance to understand and respond to social or environmental issues.
- ❑ **Connecting and expanding** - students will explore ways in which drama impacts cultures and society and explore a variety of perspectives through dramatic works.

Theatre Performance 11

Course Code: MTPA-11

Course Description: Theatre Performance 11 is a performance based course where students learn that individual and collective expression is founded in history, culture, and community. Drama offers dynamic ways of exploring and sharing one's identity and sense of belonging, and can impact the actor, the audience, as well as the environment. Through practice and performance, students will learn that growth as an artist is dependent on risk taking, perseverance, resilience, and reflection.

Through improvisation, theatre sports, scriptwriting and performance, students will develop skills in the following areas:

- ❑ **Exploring and creating** - students will develop an understanding of theatre conventions, styles, and genres by developing dramatic works with audience in mind.
- ❑ **Reasoning and reflecting** - students will analyze, interpret, and respond to a variety of dramatic works and use reflection as a tool for reforming performance.
- ❑ **Communicating and documenting** - students will express personal voice and culturale identity through dramatic performance and will use performance to respond to social or environmental issues.
- ❑ **Connecting and expanding** - students will explore ways in which drama impacts cultures and society and explore a variety of perspectives through dramatic works.

Theatre Performance 12: Acting

Course Code: MTPA-12

Course Description: Theatre Performance 12 is a performance based course where students learn that performance can be used as a way of sharing and understanding traditions, perspectives, cultures and worldviews. Drama offers dynamic ways of expressing one's identity and sense of belonging, and can influence opinions and inspire change. Through practice and performance, students will learn that growth as an artist is dependent on risk taking, perseverance, resilience, and reflection.

Through improvisation, theatre sports, scriptwriting and performance, students will develop skills in the following areas:

- Exploring and creating** - students will develop an understanding of theatre conventions, styles, and genres by developing dramatic works with audience in mind and will use performance as an exploration of imagination and inquiry.
- Reasoning and reflecting** - students will analyze, interpret, and respond to a variety of dramatic works and develop a stronger sense of self and the audience and apply this knowledge when refining ideas.
- Communicating and documenting** - students will express personal voice and cultural identity through dramatic performance and will use performance to respond to social or environmental issues.
- Connecting and expanding** - students will explore ways in which drama impacts cultures and society and explore a variety of perspectives through dramatic works.

Home Economics

Home Economics 8

Course Code: MADGE08HE

Course Description: This is an introductory course to both Foods Studies and Textiles.

Areas of Study

- Learn about safety, hygiene and measurement techniques as related to food preparation in the home
- Learn how to prepare simple meals and nutritious snacks
- Work cooperatively in groups
- Learn the safe operation of a sewing machine
- Construct a sewing project using a pattern

Food Studies 9

Course Code: MADFS09

Course Description: This is an introductory course with focus on baking, healthy snacks and meals. It explores the basic cooking principles, skills and knowledge in preparing food, kitchen safety, sanitation, meal planning and nutritional health. Students will work cooperatively in groups. Written assignments and projects are part of this course.

Food Studies 10

Course Code: MFOOD10

Course Description: This is an introductory course with focus on baking, healthy snacks and meals. It explores the basic cooking principles, skills and knowledge in preparing food, kitchen safety, sanitation, meal planning and nutritional health. Students will work cooperatively in groups. Written assignments and projects are part of this course.

Foods and Nutrition 11

Course Code: MFDN-11

Course Description: Students gain understanding of cooking principles and will become familiar with food related terminology. Emphasis will be on preparing fast, healthy, delicious foods. Topics covered include time management, use of creativity in food preparation and the role of nutrients in healthy eating. Analysis of commercial food products, food related careers and marketing will also be discussed. Written assignments and projects are part of this course. International foods will be incorporated into the course.

Foods and Nutrition 12

Course Code: MFDN-12

Course Description: Students gain understanding of cooking principles and will become familiar with food related terminology. Emphasis will be on preparing fast, healthy, delicious foods. Topics covered include time management, use of creativity in food preparation and the role of nutrients in healthy eating. Analysis of commercial food products, food related careers and marketing will also be discussed. Written assignments and projects are part of this course. International foods will be incorporated into the course.

Textiles 9

Course Code:

Course Description: Textiles 9 aims to introduce students to fibres and fabrics, sewing techniques and garment construction. Students are required to complete 3 garments and must supply their own material and supplies. Other projects may include recycled clothing, fashion design, knitting and crochet, quilting, embellishing and fibre art

Textiles 10

Course Code:

Course Description: In this introductory course students will learn basic sewing and pressing techniques, about the selection and care of fabric, and how to use a variety of sewing equipment-including the serger. Textiles 10 starts with a series of skill developing samples using time-saving techniques, which will be applied to sew 2 garments of your choice: PJ bottoms, skirts, t-shirts, simple dresses, or shorts. Students will also have the opportunity to explore textile crafts.

Textiles 11

Course Code: MTXT-11

Course Description: Textiles 11 aims to introduce student to advanced sewing techniques and garment construction. Students are required to complete 3 garments and must supply their own materials and supplies. Other projects may include recycled clothing, fashion design, wardrobe planning quilting, embellishing and fire art. Knitting and crochet may be incorporated. Aboriginal arts and felting may be introduced. This course is open to any grade 11 and 12 student regardless of previous sewing experience.

Technology Education

Shop 8

Course Code: MADGE08HE

Course Description: This is an introductory course that may offer a wide range of projects within the shop.

Metalwork 9

Course Code: MADM-09

Course Description: This is an introductory project orientated course to Metalwork. Students will explore a variety of ways of shaping and processing metal. Students will experience areas involving layout and bench work, sheet metal process, lathe machining and some foundry casting. Projects could include Balancing Man, Rose, Saw horses, Side Table. Welding will be taught using the SMAW and some Oxy welding.

Woodwork 9

Course Code: MADW-09

Course Description: Learn the basics of building wooden projects. Students will build assigned projects and projects of their own design. Upon completion of this course, students should have a strong base of knowledge pertaining to the safe operation of machines and hand tools, as well as the introductory process of furniture design.

Metalwork 10

Course Code: MTMET10

Course Description: This is a project oriented course that is an expansion on Metal 9 through which students will explore a variety of ways of shaping and processing metal. Students will experience areas involving layout and bench work, sheet metal process, lathe machining and some foundry casting. Projects could include Balancing Man, Rose, Saw horses, Side Table. Welding will be taught using the SMAW and some Oxy welding.

Woodwork 10

Course Code: MWWK10

Course Description: Learn the basics of building wooden projects. Students will build assigned projects and projects of their own design. Upon completion of this course, students should have a strong base of

knowledge pertaining to the safe operation of machines and hand tools, as well as the introductory process of furniture design.

Carpentry and Joinery 11

Course Code: MCJ--11

Course Description: This course deals with advanced woodshop techniques applied to the construction of projects incorporating various methods of joinery. The skills developed in the course lead into advanced furniture making. Emphasis is given to safety, organization and quality.

Metal Fabrication and Machining 11

Course Code: MMFM-11

Course Description: This course is an expansion to Technology Education 9, 10: Metalwork Students will gain experiences in the areas of the lathe, foundry, and SMAW, GMAW operations. One major project will involve many processes. A second project will be the student's own initiated project to demonstrate their acquired skills

Carpentry and Joinery 12

Course Code: MCJ-12

Course Description: This course is an extension of Carpentry and Joinery 11. Students will be expected to complete more complex and demanding projects such as cabinets, tables, furniture, etc. The emphasis will be on solving technology problems associated with woodwork through completion of high quality projects.

Metal Fabrication and Machining 11

Course Code: MMFM-12

Course Description: Topics covered will include learning precision turning and other operations on a lathe, understanding various methods of casting, and expanding on various means of welding. Students will be required to complete a major common project and major student initiated project to demonstrate their acquired skills.

Languages

French 8

Course Code: MFR--08

Course Description: French 8 is an exciting program for grade 8 students that involve multiple intelligences, food/restaurants and Canadian mysteries. The driving force behind the course is communication through the four language skills of listening, reading, speaking and writing. Each of the four units involves students in project work as well as small, large, pair and individual activities. The goal of the course is to have the students involved in a variety of open-ended real life situations.

French 9

Course Code: MFR--09

Course Description: This course continues to build on the skills developed in French 8. The driving force behind the course is communication through the four language skills of listening, reading, speaking and writing. Each of the four units involves students in project work as well as small, large, pair and individual activities. The goal of the course is to have the students involved in a variety of open-ended real life situations.

French 10

Course Code:

Course Description: French 10 is the introductory year to Senior French. Students will experience French through the development of all language learning skills and will learn to express themselves well through activities, assignments, and creative tasks. Students will be expected to review regularly, memorize vocabulary and structure, read authentic materials to a certain extent, and to adequately write sentences and paragraphs in French. French 10 students will be required to use their own French/English dictionary and should have at least a C+ standing if they intend to enroll in French 11.

French 11

Course Code: MFR--11

Course Description: In this course, students will continue to develop their knowledge and abilities in French. More advanced reading selections are studied and students are encouraged to write more capably through direct instruction, guided practice, and continuously evolving vocabulary development. Students will be expected to review regularly, memorize vocabulary and structures, read authentic materials handily, and to write adequately in French. French 11 students will regularly use their own French/English dictionary and should have at least a C+ standing if they intend to enroll in French 12.

French 12

Course Code: MFR--12

Course Description: This course builds on the study and practice of the French language from grades 8-11. Students will practice writing French capably and confidently. A minimum of C+ in French 11 is strongly recommended and students must have a good French/English dictionary to use in class.

German 8

Course Code:

Course Description: Introduction to German is meant to engage students in the learning experiences through which they can become proficient users of German, gaining new perspectives and engaging with German-speaking communities. Students will study language and culture through modern language-learning strategies. A wide range of approaches in support of language acquisition will be used including online exchanges with German students.

German 9

Course Code:

Course Description: Introduction to German is meant to engage students in the learning experiences through which they can become proficient users of German, gaining new perspectives and engaging with German-speaking communities. Students will study language and culture through modern language-learning strategies. A wide range of approaches in support of language acquisition will be used including online exchanges with German students.

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German 11

Introduction to German

Course Code:

Course Description: Introduction to German is meant to engage students in the learning experiences through which they can become proficient users of German, gaining new perspectives and engaging with German-speaking communities. Students will study language and culture through modern language-learning strategies. A wide range of approaches in support of language acquisition will be used including online exchanges with German students.

Other Electives

Family Studies 11

Course Code: MFM--11

Course Description: This course is for students who wish to increase their awareness of self, learn about family structure, personal relationships, living on your own and finances. This course includes discussions, projects, group work, individual assignments and more. This course is very beneficial for all students.

Family Studies 12

Course Code: MFM--12

Course Description: This course is for students who wish to increase their awareness of self, learn about family structure, personal relationships, living on your own and finances. This course includes discussions, projects, group work, individual assignments and more.

Leadership 11

Course Code: YIPS-1A

Course Description: The course will focus on developing and practicing leadership skills. Emphasis will be on improving and developing decision-making, communication and organizational skills. The class will practice these leadership skills through the planning and management of student activities.
Leadership 12.

Leadership 12

Course Code: YIPS-2A

Course Description: This course will continue to develop leadership skills learned in Leadership 11.

Yearbook 11

Course Code: YCCT-1D

Course Description: This course teaches students how to publish. Students learn how to take photographs, how to report events, and how to use computers in creating a page layout. As well, students will work on individual publishing projects. Interested students should enjoy writing and/or graphic design. The course material is designed around the production of the school yearbook.

Depending on enrollment this course may run off the timetable.

Yearbook 12

Course Code: YCCT-2D

Course Description: This course teaches students how to publish. Students learn how to take photographs, how to report events, and how to use computers in creating a page layout. As well, students will work on individual publishing projects. Interested students should enjoy writing and/or graphic design. The course material is designed around the production of the school yearbook.
An application form is required.

Depending on enrollment this course may run off the timetable.