

Peace IS IN THE AIR

ACCOUNTABILITY INTEGRITY RESPECT



Welcome to NPSS

North Peace Campus

9304 86 Street Ph: 250-785-4429
Fort St. John BC Fax: 250-785-4687
V1J 6L9 www.npss.prn.bc.ca

ELC Campus

9708-93 Avenue Ph: 250-263-9855
Fort St. John BC Fax: 250-263-9826
V1J 6J8 <http://elc60.prn.bc.ca>

2016 – 2017

Grade 11/12 Course Calendar

Principal

Randy Pauls rpauls@prn.bc.ca

Vice-Principals

Carleen Andrews
Jason Gill
Sheldon Steele (ELC)

candrews@prn.bc.ca
jgill@prn.bc.ca
ssteele@prn.bc.ca

IT ALL STARTS WITH GOOD PLANNING!

Making the right choices early will ensure you
have opportunities later.

- Parents and students are **strongly advised** to consider a plan when selecting courses
- Your course choices determine the 2016 – 2017 NPSS/ELC timetable.
- **Students may change their course choices until May 19th. After that date the opportunity to change courses will be permitted under the following conditions:**
 - Unsuccessful completion of core courses
 - A change in post secondary plans that requires a specific prerequisite

If students have any questions about course selection, career programs, graduation requirements or any other issue, they should see a counsellor or the designated Career Programs contact person. Personnel are available at 250-785-4429; extensions and email address are indicated below.

Robby Wright	NPSS Counsellor	rwright@prn.bc.ca	ext 231
Ritch Hosker	NPSS/ELC Counsellor	rhosker@prn.bc.ca	ext 230
Christine Taylor	NPSS Counsellor	ctaylor@prn.bc.ca	ext 232
Jeff Mayer	Work Experience	jmayer@prn.bc.ca	ext 323
Sheri Fulton	Apprenticeship/Work Exp	sfulton@prn.bc.ca	ext 328
Dustin Barry	Dual Credit	dbarry@prn.bc.ca	ext 333
Ryan Leclair	Dual Credit	rleclair@prn.bc.ca	ext 337

INDEX

NPSS/ELC Services.....	4-5
Additional Credits.....	5-6
Student Opportunities.....	6
Shad Valley, Encounters Canada, Student Exchange.	
Learning Support Services.....	7
Life Skills, Evergreen, Learning Assistance Program, Senior Alternate.	
AVID.....	8-9
Career Opportunities.....	10-12
Work Experience, Secondary School Apprenticeship, Skills Exploration, Dual Credit, University Arts and Science.	
Graduation Program Exams.....	12
General Course Descriptions:	
Languages.....	13-17
Communications 11/12, Literacy Bridging 10, English 10/11/12 - Musical Theatre, Technical Theatre Production, English 11/11 Honours/12/12 First Peoples, Humanities 12, Literature 12, French 10/11/12, Science Humaines 10, Planifiction 10, Francaise Langue 11/12, Beginners German 11, Germain 12, Beginners' Spanish 11, Spanish 11/12.	
Social Studies.....	18-19
BC First Nations Studies 12, Civic Studies 11, Ancient History12, Law 12, Humanities 12, Social Studies 11, Science Humaines 11.	
Math.....	20-22
Bridging 10, Apprenticeship & Workplace 11/12, Foundations and Pre-Calculus 11/12, Calculus 12.	
Science.....	23-25
Biology 11/12, Chemistry 11/11 Honours/12/12 Honours, Earth Science 11, Geology 12, Physics 11/12, Application of Physics 11, Science & Technology 11.	
Physical Education.....	25-28
PE 10/11/11 Womens/12, Individual PE 10, Fitness & Conditioning 11, PE 10/11/12 Soccer, PE 11/12 Hockey, Outdoor Education 11/12, Outdoor Recreation Leadership 11 Womens.	
Personal Development.....	29
Peer Tutor, Planning 10, Self Defense for Life 10.	
Business Education and Computer.....	30-32
Business Education 10, Accounting 11/12, Computer Animation 11/12, Entrepreneurship 12, Graphic Design 11/12, Investment & Money Management 11, Media Arts 11, Yearbook 11/12.	
Technology Education.....	33-37
Information Technology 11/12, Technology Education 10: Mechanics, Automotive Technology 11/Womans, Automotive Technology 12: Automotive Electricity & Electronics/Engine & Drive Train, Carpentry & Joinery 11/12: Cabinet Construction/Residential Construction, Drafting & Design 11/12: Architecture & Habitat Design/Engineering & Mechanical Drafting, Electronics 11/12, Metal Fabrication & Machining 11/12: Advanced Machining/Advanced Welding, Robotics.	
Home Economics.....	37-38
Children Services 11/12, Family Studies 11/12, Food and Nutrition 10/11/12, Textiles 10/11/12.	
Visual and Performing Arts.....	39-42
Studio Art 11/12: Drawing & Painting/Ceramics & Sculpture, Art Foundations 11/12, Digital Photography 10, Commercial Music & Recording 11, Film Studies 12, Fine Arts 11/12: Pit Orchestra, Instrumental Music 11/12: Jazz Band/Concert Band/Guitar 11, Musical Theatre - English 10/11/12, Drama 10: Theatre Performance Acting/Musical Theatre, Theatre Performance/Production 11/12 - English 10/11/12 - Technical/Technical Theatre	
Graduation Program Planning Sheet.....	43

NPSS/ELC SERVICES

NPSS/ELC COUNSELLING AND CAREER EDUCATION SERVICES

Counsellors at NPSS/ELC are readily available to help students in a variety of ways. They are able to assist with:

- Personal concerns
- Making connections with outside agencies
- Advocacy
- Post secondary planning
- Choosing appropriate courses
- Investigating numerous career options
- Placement into various alternative programs

Students will find the counsellors, **Mr. Wright**, **Mrs. Taylor** and **Mr. Hosker**, in the Career Center across from the office at the North Peace campus. Feel free to drop in any time! **Ms. Edgington**, the Career Center office specialist, will help with any inquiries. **Mrs. McKenzie**, the Student Records secretary, can prepare transcripts for students. **Mr. Wright** will be the counsellor for the ELC. Feel free to contact him at any time. Our Career Programs team, **Mr. Mayer**, **Ms. Fulton**, **Mr. Barry**, **Mr. Leclair** and **Mr. Palibroda** provide work experience, apprenticeship and dual credit registration for interested students. They will also visit the ELC on a regular basis to keep in contact with the students who have shown an interest in the programs.

NPSS/ELC OFFICE SERVICES

North Peace Secondary School and ELC clerical staff are able to assist parents and students with:

- General inquiries
- Caution/course fee payments and/or refunds
- Transcript/report card inquiries
- Attendance records and follow-up
- Directions to appropriate administrators, teachers, other staff and services

The regular office hours are: 8:00 am to 3:45 pm daily from Monday to Friday. The office is closed during all breaks in the school year. In the summer, the office is closed from mid-July to mid-August.

ABORIGINAL SUPPORT SERVICES

Close to 20% of our student population enjoy a rich Native heritage. If students are of First Nations Ancestry, please ensure that you declare this on your student registration form and letter. Our Aboriginal Support Workers, **Jodi Hickey** and **Moneca Conway**, can provide students with academic and personal support, along with cultural awareness activities.

SUPERVISION SERVICES

Hall monitors provide supervision of the North Peace campus throughout the day. Students will find these monitors friendly and eager to help students. Students must be in the Cafeteria, Library or off North Peace campus during any free period. All other areas are off limits to students during class time including the student parking lot. We ask that all visitors to both our campuses check in at the office.

NPSS LIBRARY SERVICES

The teacher-librarian at our North Peace campus is **Mrs. Laychuk**. The library is open 8:15 a.m. to 3:45 p.m. Monday to Friday. Students are welcome at any time throughout the day to do research, work at one of the many computer stations or relax with a book or magazine in our fiction section reading area. The library also has a photocopier for student use. The cost is \$.15 per copy. Our library is the “learning hub” of our North Peace campus and we ask that students help to maintain a quiet, safe and serious learning environment in the library at all times.

TEXTBOOKS

The library distributes and collects all textbooks for our North Peace Campus. This occurs at the beginning and end of each semester and, in some cases, throughout the year, depending on the needs of a particular course. For missing and damaged library items, replacement costs and damage fees will be charged to the student, as necessary. Please note that it is the responsibility of all students to return **ALL** their textbooks to the library at the end of each semester.

DISTRIBUTED LEARNING COURSES

Most distributed learning courses require a refundable deposit of \$100. Students are required to write the government final exam where applicable. June 15th is the deadline for completion of courses for students intending to graduate in 2015. You must see your counsellor before registering for a distributed learning course.

Want to earn additional credits?

The following options allow students to broaden their school program by selecting additional courses. They are intended to respond to unique needs in exceptional circumstances, not to replace the valuable experience of learning in the classroom.

1. Course Equivalency

The purpose of equivalency is to grant provincial credit for documented learning from outside the BC school system where a match of 80% of the content exists between the prior learning and the BC provincial or locally developed curriculum. Please see the Career Centre to discuss the possibility of course equivalency.

2. Course Challenge

The challenge process provides an opportunity for registered NPSS students to receive credit based on prior learning from other settings, that correspond to the learning outcomes in the provincial or locally developed curriculum, but for which there is no verification. **See counsellors for more information.** This means that the student must initiate the procedure well in advance of the deadline. Please see the Career Centre to discuss the possibility of a course challenge.

3. Independent Directed Studies

Independent Directed Study (IDS) is a policy that allows students to initiate their own course of study under the supervision of a teacher. An IDS course must be based on the learning outcomes of a Ministry authorized or Locally Developed/Board Authorized Course. An IDS course can be worth one, two, three or four credits and can only count towards Selected Studies/Elective Courses. **In order to participate in an IDS course, a student must have demonstrated the ability to be responsible and to work independently.** Students interested in pursuing this option should contact a counsellor for more information.

4. External Courses

Students may earn credit for successfully completing an external course approved by the Ministry. An external course is an organized set of learning activities that is developed or offered outside the BC Secondary School System (see a counsellor for a complete list).

STUDENT OPPORTUNITIES

SHAD VALLEY

Shad Valley is a four-week summer enrichment program. Students spend a month living in residence at one of our host university campuses across Canada. The program is offered to students currently completing grade 10, 11 or 12.

With a focus that includes the sciences, technology and entrepreneurship, the program provides an academically stimulating, mind-expanding adventure for top well-rounded students. Students will also enjoy recreational activities and the opportunity to explore local attractions.

If you are passionate about science and technology then ask a counsellor how you might become a SHAD VALLEY alumnus or contact <http://www.shad.ca/shad/myweb.php> for more information. It is an awesome experience!

ENCOUNTERS WITH CANADA

Canada's largest youth forum! Every week of the school year, 120-130 teens from across Canada (ages 14-17) come to Ottawa; there, they discover their country through each other, learn about Canadian institutions, meet famous and accomplished Canadians, explore exciting career themes, develop their civic leadership skills, and live an extraordinary bilingual experience. **For more information contact the Career Centre at North Peace.**

STUDENT EXCHANGE

A Youth Exchange student will spend up to a year living with a few host families and attending school in a different country.

Whether you participate in a long-term or short-term Youth Exchange programs, you'll learn a new way of living, a great deal about yourself, and maybe even a new language. You'll also be an ambassador, teaching people you meet about your country, culture, and ideas. You can help bring the world closer – and make some good friends in the process. **For more information contact the Career Center at North Peace Secondary.**

LEARNING SUPPORT SERVICES

Our Learning Support Department is diverse and includes a number of very exclusive programs for students whose learning needs cannot be met by regular programming. In order to serve our community better, we've prepared a list of our programs and their descriptions so that you will have a clearer picture of our role within our school.

LIFE SKILLS (NORTH PEACE CAMPUS)

Students in this program have specific learning needs that can only be addressed in a smaller classroom with extra help. Students are integrated into the regular classroom for some of their day, but are supported by an Educational Assistant. Their curriculum is modified. Students develop and practice basic life skills in the Life Skills room. Community outings, volunteer work, work experience and classroom integration help these students build social and behaviour skills. Students in the Life Skills program are an important part of our school community and participate in the graduation ceremony and will receive a School Completion Certificate.

EVERGREEN PROGRAM (NORTH PEACE CAMPUS)

Students in our Evergreen program focus on **functional academics, life skills, and career development**. Students are given an individualized program that will be at the student's level emphasizing academic, employability, and independent living skills, along with promoting personal and social development. Students will take one to two electives each semester and will have access to technology (IPads and computers) to help realize their learning potential. Career exploration is an option that is available to students in second semester. Students who spend three years in this program will be awarded a School Completion Certificate.

LEARNING ASSISTANCE PROGRAM (NORTH PEACE/ELC CAMPUS)

Learning Assistant Teachers (LATs) are available to help support the complex needs of students who are identified on the Ministry of Education 1701 needs lists. These are both students that are designated with specific learning disabilities or other special needs as well as non-designated students who struggle academically and behaviourally. The LATs create and implement adaptations and/or modifications as needed, as well as provide interventions for those students with an Individual Education Plan (IEP) or Student Learning Plan. The LATs support the classroom teachers in meeting the learning needs of these students as per their IEP goals. They are also available to team-teach in the classroom to help support the diverse learning needs of students. LATs administer baseline assessments, and act as a liaison with the school district psychologist. Additionally, the LATs provide support on a regular basis in regards to the adjudication process; this includes providing readers, scribes, separate settings, etc. for students that qualify for these adaptations.

SENIOR ALTERNATE (NORTH PEACE CAMPUS)

School-Within-A-School by Application and Interview Only

The goal for the Senior Alternate program is to provide students aged 16 – 19, who have specific challenges, an opportunity to succeed by completing Grade 10 academics. The program encourages and supports students so that they can continue towards graduation, trades and apprenticeship or a post secondary training program. There is a heavy emphasis on life skills, decision-making, conflict resolution and anger management. Students are referred through feeder schools or outside agencies such as Ministry of Children and Families or Probation. **Each student must apply to enter the program.**

AVID – Achievement Via Individual Determination (YED--0A AV/YED--1A AV/YED--2A AV)

What is AVID?

It is a college/university/trades school; designed to increase school wide learning and performance. AVID 11 is backed with PE 11, Social Studies 11, English 11, Math 11(Pre-Cal or Foundations), and has a leadership component. It is a linear course (all year); students receive 20 credits at its completion; students will also have the opportunity to receive an additional 2 credits in independent studies. It is a course that takes place in the morning, first and second blocks at NPSS; there is capacity for up to 60 students. AVID 12 takes place in the morning for one semester block; there is capacity for up to 30 students.

Why AVID works

Students learn organizational and study skills, work on critical thinking, probing questions, get academic help from peers and tutors, as well as participate in enrichment and motivational activities that make college/university/trade schools seem attainable.

Expectations

AVID students are expected to take a full course load. The goal for every AVID student is to achieve personal success while at NPSS. It is expected every AVID student will maintain a C+ average (68%) or higher.

Interested?

1. Students select AVID on the course selection sheets.
2. AVID Team collects names from the counsellors
3. AVID Team reviews report cards of applicants
4. Short listed students complete a short application
5. Students are then interviewed
6. Group is selected and then invited to a parent information night.

Contact if you have any questions:

jharrison@prn.bc.ca AVID 11

tgraham@prn.bc.ca AVID 11

dbarry@prn.bc.ca AVID 12

erobb@prn.bc.ca AVID ELC

bcampbell@prn.bc.ca District Principal

GRADE 11

AVID – Achievement Via Individual Determination

AVID 11 is run as a linear cohort model. Social Studies 11, English 11, Physical Education 11, Math 11 (Foundations of Math 11 and/or Pre-Calculus 11), and AVID 11 are the courses that students will take as part of the AVID 11 cohort. The aim of this model is to develop a skillset that enables success in future academic and vocational endeavours. It provides performance-enhancing skills in the following areas: collaboration, writing, reading and inquiry. Organization is also a key element for AVID; the use of agendas, calendars, assignment logs, dividers, and Cornell notes help students be aware, manage, and succeed in all the course curricula. Tutorials are given once a week where focus can be provided on specific subject areas through tutor-ology. This involves tutors, peer tutors and fellow students. The AVID 11 elective gives students the chance to explore their post-secondary options through research, presentations, and field trips. AVID students travel to various colleges, universities and trade schools each spring. To date, AVID students have gone to Grand Prairie Regional College, University of British Columbia, University of Victoria, Simon Fraser University, University of Alberta, Northern Alberta Institute of Technology, Grant McEwan University, Vancouver Island University, Kings University College and Northern Lights College. AVID also promotes student leadership through events like Relay for Life; Snow shoveling for seniors, bake sales, Pitch in Day, and Link Crew.

*** Students must apply for the program.**

The cohort model gives students an extra 4 credits towards graduation

This course does meet the Social Studies 11 requirement for graduation. There is a mandatory provincial government final exam worth 20% of the final mark in the course.

GRADE 12

AVID – Achievement Via Individual Determination

AVID is an elective for grades 12 students. The objective is to develop the skillset that enables success in future academic and vocational endeavours. It provides performance-enhancing skills in the following areas: collaboration, writing, reading and inquiry. Organization is also a key element for AVID; the use of agendas, calendars, assignment logs, dividers, and Cornell notes help students be aware, manage, and succeed in all the course curricula. Tutorials are given once a week where focus can be provided on specific subject areas through tutor-ology. This involves tutors, peer tutors and fellow students. The AVID 12 elective is focused on informing students of the Post-Secondary application process, in addition to scholarship research and applications. AVID also promotes student leadership through events like Relay for Life; Snow shoveling for seniors, bake sales, Pitch in Day, and Link Crew.

*** Students must apply for the program.**

CAREER OPPORTUNITIES

WORK EXPERIENCE

The opportunities for work experience are endless. Hundreds of employers in Fort St. John open their doors to NPSS students each year. Starting with basic employability skills such as resume and cover letter writing, job interview skills, and workplace safety, students are then put into a career placement in an area of their choice. While students are encouraged to sign up for a Work Experience at the beginning of the first semester, they are able to sign up at any time during the school year.

WORK EXPERIENCE 12A (4 Credits)

- 90 hours of work experience
- Start up assignments and some reflective assignments to be completed during the work experience

WORK EXPERIENCE 12B (4 Credits)

- 90 hours of work experience
- Goal setting activities and some reflective assignments to be completed during the work experience

Benefits:

- Prepare students for entry into the work place
- Valuable resume and cover letter writing skills
- Begin networking
- May lead to a potential apprenticeship if the student chooses a placement in a recognized trade

Work Experience 12A must be completed first before students can enroll in Work Experience 12B.

SECONDARY SCHOOL APPRENTICESHIP

The Secondary School Apprenticeship Program offers students the opportunity to begin accumulating hours toward certification in a trade prior to graduation. If students are in grades 10, 11, or 12, they could be gaining course credit for working as an apprentice as early as 15 years of age.

Consider the following:

- Students find a job with a qualified trades person.
- Students are registered with the Industry Training Authority as an apprentice.
- Students work (and get paid) in a trade, learning from a journey person.
- For every 120 hours worked, students earn 4 credits (SSA11A, SSA11B, SSA12A, SSA12B).
- Students can work during school, after school, or on holidays.
- Students may be eligible for a \$1000 scholarship

SKILLS EXPLORATION (MSTX-2A)

Trades and technology professionals are highly skilled, hard working, and intelligent. They operate equipment worth millions of dollars, perform highly technical tasks, and solve complex problems. Today's trades people are in demand as never before. Career opportunities abound for individuals with the right attitude and good skills. NPSS is offering students an opportunity to explore this lucrative career area. During the course students will:

- Develop the fundamental skills common to all areas of trades and technology
- Find out what trade area they are interested in.
- Develop confidence in their ability to pursue one of the trades and technology areas.
- Increase their preparedness for entry in to the Northern Opportunities Dual Credit Program
- Opportunity to gain a number of different tickets ie WHIMIS, First Aid, H2S

This course is offered as a Grade 12 course for grade 11 and 12 students. **This course does not meet the applied skills requirement for graduation.**

NORTHERN OPPORTUNITIES DUAL CREDIT PROGRAMS

Students can take college courses and/or programs while they are still in high school and earn credit at both institutions. Students typically spend one semester of grade 12 in a program at college. Dual Credit Students receive support from the high school and the college, so that a seamless transition is achieved. **There are a number of programs students can enroll in.**

Dual Credit Trades and Technical Programs

- Cook Training
- Hairdressing - at NPSS
- Residential Construction
- Applied Business
- Automotive Service Technician (Mechanic)
- Commercial Transport Technician (Mechanic)
- Heavy Duty Technician
- Instrumentation Mechanic
- Electrician
- Aircraft Maintenance Engineering
- Steamfitter / Pipefitter
- Welding "C" Ticket
- Power Engineering and Gas Processing
- Oil and Gas Operations
- Plumber
- Millwright
- Wind Turbine Maintenance
- Aircraft Maintenance Technician
- Visual Arts
- Health Care Assistant
- Practical Nursing
- Esthetics and Cosmetology
- Information and Communication Technology

Dual Credit University Transfer

- Math 101
- Psychology 101
- English 100
- Criminology 101
- Biology 102, etc
- any other college level programming for which the student meets entrance requirements. In the Past, students have taken Economics 105 or History 104, for example.

UNIVERSITY ARTS AND SCIENCE

Students take university level courses at Northern Lights College and the credits count towards their graduation from NPSS and count towards their first year at college or university. The following courses are available:

- English 100
- Psychology 101
- Criminology 101
- Biology 101
- Biology 102
- Math 101
- Management 103
- Early Childhood Education
- Geography 103
- Licensed Practical Nurse- Anatomy and Physiology for LPNs (offered in Dawson Creek)
- Education 100

Now is the time to think ahead!

This is the time to be thinking ahead a few years to ensure that you cover prerequisites necessary for your desired career program.

GRADUATION PROGRAM EXAMS

As a student in the 2004 Graduation Program, you are required to write **five provincial exams**. Exams are **mandatory** in the following subject areas:

- ◆ Grade 10 Language Arts (English)
- ◆ Grade 10 Science
- ◆ A grade 10 Mathematics (Foundations/Pre Calculus 10 or Apprenticeship and Workplace Math 10
- ◆ Social Studies 11, Civic Studies 11, or BC First Nations 12
- ◆ English 12, Communications 12, or English 12 First Peoples
Francais Langue 12 (French Immersion students only)

Exam results are blended with the classroom mark to generate the final course mark. Grade 10 and 11 exams count for 20% of the final mark. English 12 or Communications 12 exams count for 40% of the final mark. First Nations 12 exam counts for 20% of the final mark.

Note: To qualify for provincial scholarships, students' mandatory provincial exams are used to determine who receives these awards.

GENERAL COURSE DESCRIPTIONS (BY DEPARTMENT)

LANGUAGES

COMMUNICATIONS 11 (MCOM-11)

Communications 11 focuses on developing more concrete, rather than abstract, writing, and interpreting skills. *This course is selected only upon the recommendation of your English 10 teacher; it leads to Communications 12 and does not meet entrance requirements for many post secondary institutions.*

COMMUNICATIONS 12 (MCOM-12)

Communications 12 is recognized for graduation requirements, but it does not meet the entrance requirements of universities and many college and technology programs. This course continues to focus on developing a student's ability to communicate effectively in more concrete formats. *A student may select this course if they have taken Communications 11 or upon the recommendation of the English 11 teacher. There is a mandatory provincial government final exam worth 40% of the final mark in this course.*

LITERACY BRIDGING 10

This course is designed to meet the academic needs of students with learning difficulties. It provides direct instruction in a safe environment, where students can practice effective learning skills and strategies needed to become independent and successful learners, especially in the areas of reading, writing, researching, organization and self advocacy. The primary focus for students taking this course at the Grade 10 level will be intense instruction in various organizational and study skill techniques, support with literacy strategy and skill implementation, introduction to specific, high impact strategies that will assist them in regular coursework requiring adept literacy skills and assistance in fostering social relationships

ENGLISH 10/11/12 MUSICAL THEATRE

If you've ever had the desire to sing, dance, and act in a major musical theatre production, then you've come to the right place. The course is a 'production' course. Students will be part of the cast of singers, dancers and actors in a large musical production, which will be presented in December at the Cultural Centre. All students enrolled in Musical Theatre must be serious about the production, attend all rehearsals (including after school and weekend rehearsals) and be willing to dedicate themselves to the production -- it is a time and energy consuming class. This class will be combined with an English counterpart in Project Based Learning guided studies. In particular, students will strengthen their comprehension skills, learn to respond with more critical awareness, increase their overall knowledge of language, improve their written composition skills, hone their communication strategies, and participate in community building activities in the classroom through their study of the Musical Theatre genre. Musical Theatre 10 and 11 meet the fine arts requirement for graduation. Musical Theatre 12 does not meet the fine arts requirement for graduation. Students who take this course will get credit for either English 10, 11 or 12.

ENGLISH 10/11/12/TECHNICAL THEATRE PRODUCTION 11 (8 CREDITS)

This course is for those students who have an interest in theatre and want to learn about ‘backstage’ life. Every element of theatre production will be covered except acting! Students will learn about set and prop building, scenic painting, set design, theatre management, lighting, sound, costuming, make-up, theatre history, and advertising a show. The fall class will design and build the complete set and props for the school's Musical Theatre production and have the chance to work the actual show in December. This class will be combined with an English counterpart in Project Based Learning guided studies. In particular, students will strengthen their comprehension skills, learn to respond with more critical awareness, increase their overall knowledge of language, improve their written composition skills, hone their communication strategies, and participate in community building activities in the classroom through their study of the Musical Theatre genre. **This course meets the fine arts requirement for graduation.**

ENGLISH 10/11/12/TECHNICAL THEATRE PRODUCTION 12 (8 CREDITS)

This senior level course is for those students who may wish to pursue technical theatre or design as a career. Students in Technical Theatre 12 will coordinate projects worked on in preparation for the musical production in December. This class will be scheduled concurrently with the Theatre Production 11 class, as they will work together to prepare for the production. *This course builds upon the skills developed in Theatre Production 11.* This class will be combined with an English counterpart in Project Based Learning guided studies. In particular, students will strengthen their comprehension skills, learn to respond with more critical awareness, increase their overall knowledge of language, improve their written composition skills, hone their communication strategies, and participate in community building activities in the classroom through their study of the Musical Theatre genre. **This course meets the fine arts requirement for graduation.**

ENGLISH 11 (MEN--11)

The primary goal of this course is to strengthen and further develop students’ present skills in the areas of listening, speaking, reading, writing, and idea generation. In particular, students will strengthen their comprehension skills, learn to respond with more critical awareness, increase their overall knowledge of language, improve their written composition skills, hone their communication strategies, and participate in community building activities in the classroom.

ENGLISH 11 HONOURS (MEN--11H)

This course covers the regular English 11 curriculum, but proceeds at a faster pace adding introductory units on psychology and literary theory. A large part of this course develops skills in rhetorical writing and literary analysis. This course is recommended for any student considering Advanced Placement English 12, but it is open to all Grade 11 students with a keen interest and strong skills in reading and writing.

ENGLISH 12 (MEN--12)

English 12 teaches criteria to evaluate a variety of texts as well as teaching students to improve various communication skills. At the end of the course, students should be able to report meaningfully on what has been read or heard, with accuracy, precision and style, using well-supported, clear, and logical ideas. **There is a mandatory provincial government final exam worth 40% of the final mark in this course.**

ENGLISH 12 FIRST PEOPLES (MEFP-12)

English 12 First People is the academic equivalent of English 12. The course is designed to enable students to develop the English language and literacy skills and capacities they must have in order to meet the BC graduation requirements. This course provides the opportunities for all students to engage with indigenous creative expression and enter the worlds of First Peoples provincially, nationally, and internationally. The course focuses on the experiences, values, and beliefs, and lived realities of First Peoples as evidenced in various forms of text—including oral story, speech, poetry, dramatic work, dance, song, film, prose (fiction and non-fiction). **There is a mandatory provincial government final exam worth 40% of the final mark in this course.**

HUMANITIES 12 (8 Credits - ENGLISH 12/SOCIAL JUSTICE 12)

Through the humanities we reflect on the fundamental question: What does it mean to be human? The humanities offer clues but never a complete answer. They reveal how people have tried to make moral, spiritual, and intellectual sense of a world in which irrationality, despair, loneliness, and death are as conspicuous as birth, friendship, hope, and reason.

The focus of 12th grade Humanities is World History and Social Justice. In this course, we will explore to what extent World history has been one of “justice for all” as we understand our role in interpreting world events. However, in order to answer that question, we must first answer the question: What is Justice?

Justice, the philosopher John Rawls believed, is the first virtue of social institutions (such as governments and schools). But justice is difficult to define and still more difficult to achieve. Students will begin the year by studying the moral and political philosophies that have most influenced the structure of our society. Through a close study of literature, philosophy, film, historical texts and political media, students will develop a deeper understanding of Justice as we explore how the ideals of security, liberty and equality have played out in World history.

Ultimately, my hope is that my students will be able to formulate their own moral code for justice and apply it to daily life conflicts as well as broader national and global issues in order to actively contribute to a just democratic society. Moreover, students will end this year with an ideological framework that will allow them to more clearly analyze historical and current events they encounter in their involvement with political, social and economic life.

LITERATURE 12 (MLIT-12)

This course is a study of English Literature from Anglo-Saxon times until World War I. The course enables students to study individual authors in relation to the times in which they lived and to look at the social history of England in order to see how events inspired writers to comment on society. This course is part of the AP curriculum but may be taken as a stand-alone course.

FRENCH 10 (MFR--10)

Students will develop their listening, speaking, reading, and writing skills using a variety of resources (movies, comics, newspapers, Internet articles, etc.) to convey information orally and in writing.

SCIENCES HUMAINES 10(FSCH10)

Ce cours fait un survol du développement du Canada au 19e siècle jusqu'en 1914. Le cours examine les vagues d'immigration du début du 19e siècle, les rébellions de 1837, la Confédération, le développement de l'Ouest canadien, la politique nationale de Macdonald et les années Laurier. Les thèmes de l'indépendance du Canada de la Grande Bretagne et les tensions entre les Canadiens français et les anglophones domineront nos discussions.

PLANIFICATION10 (FPLAN10)

Planification 10 est la version française de Planning 10. Les élèves vont explorer des choix de carrières et ouvrir leurs yeux aux possibilités d'études postsecondaires. Les élèves devront planifier leur avenir en se fixant des buts à atteindre. Ils auront aussi la chance d'étudier d'autres sujets tels que la planification financière et la vie saine.

FRENCH 11 (MFR--11)

Students will continue to expand their listening, speaking, reading, and writing skills using a variety of resources to convey information orally and in writing. ***Check with BC universities to see which faculties still has a language 11 requirement.***

FRENCH 12 (MFR--12)

French 12 is a course that will sharpen students' listening, speaking, reading, and writing skills using a variety of resources to convey information orally and in the written form. French 12 will focus on grammatical development and an appreciation of French literature. French can be used as an academic requirement for university.

FRANÇAISE LANGUE 11 (FFRAL11)

Ce cours donne à l'élève l'occasion de développer les quatre savoirs: l'écoute, l'expression orale, l'écriture et la lecture. Le cours a également pour but l'appréciation de la culture littéraire de la langue française. Il expose l'élève à la pensée du peuple francophone à travers l'étude de la nouvelle, du roman, de la poésie, du film et de la publicité.

FRANÇAISE LANGUE 12 (FFRAL12)

Cette classe suit les exigences du ministère de l'éducation en étudiant le texte et en lisant parmi une sélection de livres qui aident l'élève à comprendre et à apprécier la littérature et la culture française. Les étudiants l'étudieront avec une insistance sur la langue écrite, en continuant avec leur travaux de compréhension orale. **Cette classe se termine avec un examen provincial obligatoire qui vaut 40% de la note finale.**

BEGINNERS' GERMAN 11 (MBGE-11)

This course is an introduction to the basics of German language and culture. Students will learn vocabulary for conversations, read small texts, and write brief paragraphs, as well as explore interesting aspects of German culture.

GERMAN 11 (MGE--11)

In German 11, we will continue with the language and cultural studies of Germany. This course builds upon the skills developed in MBGE 11. Students continue to utilize the same workbook as they used in BGE 11. ***Check with BC universities to see which faculties still has a language 11 requirement.***

GERMAN 12 (MGE--12)

During this class, students will hone and refine their speaking and writing abilities. We will go beyond the textbook and begin to look at some literary selections. This course builds upon the skills developed in German 11. Deutsche Muttersprachler sind auch herzlich eingeladen.

BEGINNERS' SPANISH 11 (MBSP-11)

This course is the first step in learning one of the most popular languages in the world! Students with little or no experience in Spanish learn basic communication and writing skills while studying the diversity of Hispanic culture through song, dance, literature and film.

SPANISH 11 (MSP--11)

In Spanish 11, students improve their written and oral communication skills, building on those developed in MBSP 11. Students continue to study Hispanic culture in depth, including a variety of contemporary issues in the Spanish-speaking world. *Check with BC universities to see which faculties still has a language 11 requirement.*

SPANISH 12 (MSP--12)

Spanish 12 takes communication skills to the next level! In this immersion-style course, students are expected to use Spanish in common situations, as well as in unexpected ones. Reading, writing and listening skills are also a focus. Spanish 12 challenges students to speak only Spanish in class and seek out opportunities to hear and use the language outside the classroom.

SOCIAL STUDIES

SOCIAL STUDIES 11 (MSS--11)

This course continues the study of contemporary Canada by examining government, politics, Canadian society, and our relations with the rest of the world. To develop a global perspective, students investigate such major concerns as population growth, world food supply, urbanization, the distribution of resources, and the impact of industrialization and technology on contemporary society. **There is a provincial exam worth 20% of the final mark in this course.**

SCIENCES HUMAINES 11 (FSCH-11)

Un cours développé afin de promouvoir une meilleure appréciation du Canada et de sa relation avec le reste du Monde. Ce cours amène à l'étude de la population mondiale et de la géographie urbaine ainsi qu'à celle du développement du Canada depuis 1867. L'étude du fonctionnement de notre gouvernement, de notre procédé politique, des changements économiques et sociaux au Canada et de notre façon de vivre fournissent les thèmes majeurs. Ce cours examine aussi les sujets contemporains au Canada. ***Ce cours a un examen provincial valant 20% de la note finale de l'élève.***

CIVIC STUDIES 11 (MCIV-11)

Civic Studies 11 offers opportunities for students to deliberate individually and with others on civic matters—local to global—with the purpose of becoming informed decision makers and empowered in civic action. Students will learn to form reasoned stands on issues, and to participate in socially relevant projects and real-life learning for the purpose of developing “civic-mindedness”. By completing this course, it is anticipated that students will become active citizens and responsible agents of change. **This course does meet the Social Studies 11 requirement for graduation. There is a mandatory provincial government final exam worth 20% of the final mark in the course.**

BC FIRST NATIONS STUDIES 12 (MFNS-12)

This is an exciting course for ALL students. The course includes field trips, guest speakers, dancing, drum making, and visual aids to gain an understanding of First Nations culture. The course will explore First Nations legends and myths, relationships to the natural world, treaties, and self-government. This course will meet the Social Studies 11 requirement for graduation and count as one of the four Grade 12 courses required for graduation. **There is a mandatory provincial government final exam worth 20% of the final mark in the course.**

ANCIENT HISTORY 12 (CCN--12)

Step into the Ancients Worlds of Meso-American and its Human Sacrifice or the Blood stained floor of the Roman Colosseum. Learn the dedication of the Samurai Warrior and why he would disembowel himself for his Lord. This exciting History course will use hands on activities , reenactments, festival days, historical movies, (Last Samurai, Gladiator, Braveheart, 300, Apocalpto) and discussions to explore how our past is still reflected in the world you live in today.

LAW 12 (MLAW-12)

This course deals with Criminal Law, Civil Rights, Tort and Contract Law, and Marriage and Family Law. Current issues involving Environmental Law, Labour Law, and legal issues involving women and First Nations will be discussed. This is a very relevant course for teenagers. **This course does not satisfy the Social Studies 11 requirement for graduation.**

HUMANITIES 12 (8 Credits -SOCIAL JUSTICE 12/ ENGLISH 12/)

Through the humanities we reflect on the fundamental question: What does it mean to be human? The humanities offer clues but never a complete answer. They reveal how people have tried to make moral, spiritual, and intellectual sense of a world in which irrationality, despair, loneliness, and death are as conspicuous as birth, friendship, hope, and reason.

The focus of 12th grade Humanities is World History and Social Justice. In this course, we will explore to what extent World history has been one of “justice for all” as we understand our role in interpreting world events. However, in order to answer that question, we must first answer the question: What is Justice?

Justice, the philosopher John Rawls believed, is the first virtue of social institutions (such as governments and schools). But justice is difficult to define and still more difficult to achieve. Students will begin the year by studying the moral and political philosophies that have most influenced the structure of our society. Through a close study of literature, philosophy, film, historical texts and political media, students will develop a deeper understanding of Justice as we explore how the ideals of security, liberty and equality have played out in World history.

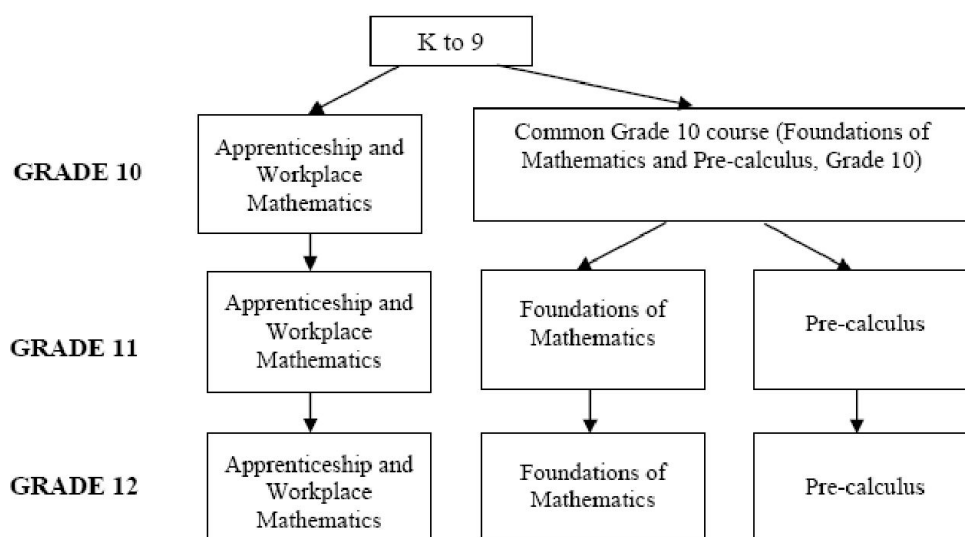
Ultimately, my hope is that my students will be able to formulate their own moral code for justice and apply it to daily life conflicts as well as broader national and global issues in order to actively contribute to a just democratic society. Moreover, students will end this year with an ideological framework that will allow them to more clearly analyze historical and current events they encounter in their involvement with political, social and economic life.

MATHEMATICS

Students Entering Grade 10 Mathematics in 2010/2011

Pathways and Topics

The Common Curriculum Framework for Grades 10–12 Mathematics includes pathways and topics rather than strands as in *The Common Curriculum Framework for K–9 Mathematics*. Three pathways are available: Apprenticeship and Workplace Mathematics, Foundations of Mathematics, and Pre-calculus. A common Grade 10 course (Foundations of Mathematics and Pre-calculus, Grade 10) is the starting point for the Foundations of Mathematics pathway and the Pre-calculus pathway. Each topic area requires that students develop a conceptual knowledge base and skill set that will be useful to whatever pathway they have chosen. The topics covered within a pathway are meant to build upon previous knowledge and to progress from simple to more complex conceptual understandings.



Goals of Pathways

The goals of all three pathways are to provide prerequisite attitudes, knowledge, skills and understandings for specific post-secondary programs or direct entry into the work force. All three pathways provide students with mathematical understandings and critical-thinking skills. It is the choice of topics through which those understandings and skills are developed that varies among pathways. When choosing a pathway, students should consider their interests, both current and future. Students, parents and educators are encouraged to research the admission requirements for post-secondary programs of study as they vary by institution and by year.

Bridging 10 - Numeracy Skills

This course has been developed to provide instruction to students who have not yet been successful at the Math 9 level. Instruction focuses on teaching skills and strategies; which would enable students to become more effective and independent learners. Emphasis is placed on the transfer of these skills and strategies to regular course subject areas requiring numeracy skills to be successful. The primary focus for students taking this course will be organizational and study skill techniques, support with numeracy strategy and skill implementation, introduction to specific high impact strategies that will assist them in regular coursework requiring adept numeracy skills, and assistance in fostering social relationships.

APPRENTICESHIP AND WORKPLACE MATHEMATICS PATHWAY

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.

APPRENTICESHIP AND WORKPLACE MATHEMATICS 11 (MAWM-11)

This course is strongly recommended for students who are planning on entering the workforce directly after high school, or who are planning on pursuing a career in the trades industries. Topics covered may include reasoning, rates of change, measurement, and statistics. Students who successfully master the learning outcomes of this course may continue on to Apprentice and Workplace Mathematics 12. This course satisfies the Ministry of Education's mathematics graduation requirements. **A scientific calculator is required for this course, however a graphing calculator is recommended**

APPRENTICESHIP AND WORKPLACE MATHEMATICS 12 (MAWM-12)

Topics covered in this course include: measurement, geometry, algebra, statistics, and probability, with many problems based in real-world situations. **A scientific calculator is required for this course, however a graphing calculator is recommended.**

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. Topics include financial mathematics, geometry, measurement, number, logical reasoning, relations and functions, statistics and probability.

PRE-CALCULUS PATHWAY

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 theoretical calculus. Topics include algebra and number, measurement, relations and functions, trigonometry, and permutations, combinations and binomial theorem.

FOUNDATIONS OF MATHEMATICS 11 (MFOM-11)

This course is strongly recommended for students who are planning on pursuing post-secondary studies in the arts or the humanities. Topics studied may include logic and reasoning, functions, geometry, and statistics. Students who successfully master the learning outcomes of this course may continue on to Foundations of Mathematics 12. This course satisfies the Ministry of Education's mathematics graduation requirements. Students who are planning on pursuing post-secondary studies in math or sciences should take Pre-calculus 11. **A scientific calculator is required for this course, however a graphing calculator is recommended.**

FOUNDATIONS OF MATHEMATICS 12 (MFOM-12)

A strong background in Foundations 11 is recommended before taking this course. Topics covered in this course include: financial mathematics, probability, logical reasoning, relations and functions, and a mathematics research project. **A scientific calculator is required for this course, however a graphing calculator is recommended.**

PRE-CALCULUS 11 (MPREC11)

This course is strongly recommended for students who are planning on pursuing post-secondary studies in math or sciences. Topics covered may include relations and functions, trigonometry, polynomial functions, and graphing. Students who successfully master the learning outcomes of this course may continue on to Pre-calculus 12. This course satisfies the Ministry of Education's mathematics graduation requirements. Students who are planning on pursuing post-secondary studies in the arts or the humanities should take Foundations of Mathematics 11. **A scientific calculator is required for this course, however a graphing calculator is recommended.**

PRE-CALCULUS 12 (MPREC12)

A strong background in Pre-Calculus 11 is recommended before taking this course. Topics covered in this course include: trigonometry (trig identities, angles in standard position, degrees and radians); permutations, combinations, and binomial theorem; relations and functions (exponential, logarithmic, polynomial, rational and radical functions), horizontal and vertical translations, reflections, and inverses. **A graphing calculator is required for this course.**

CALCULUS 12 (MCALC12)

Many mathematicians feel that the invention of calculus is one of the truly significant human intellectual achievements. Calculus can help you graph curves accurately, find the area of an irregular region, and solve complex mathematical problems. In this course, differentiation, integration, and some of their practical applications will be studied. **A graphing calculator is required for this course.** This course is NOT a prerequisite for first year mathematics courses at any BC post-secondary institutions, but is accepted in Alberta as equivalent to Math 31. Pre-Calculus 12 must be completed in Semester 1 to be eligible to register for Calculus 12 in Semester 2. This is a rigorous, challenging course aimed at students with a high ability and passion for mathematics. The ability to think in abstraction is essential.

Check before you buy your calculator to ensure you have the one appropriate to the Math or Science course you are taking.

SCIENCE

All students must choose at least one Science 11 or 12 course to meet graduation requirements. These can be chosen to satisfy a specific area of interest or may fulfill prerequisites for post-secondary entrance in some faculties.

BIOLOGY 11 (MBI--11)

Biology 11 is an introduction to the study of living organisms. Students use direct observation, microscopes, and dissection in the laboratory to investigate most of the major categories of living things on Earth. Major themes include: taxonomy, ecology, adaptation, evolution, viruses, bacteria, plants and animals.

BIOLOGY 12 (MBI--12)

The theme of Biology 12 is how the human body maintains the conditions necessary for life. The course begins with an in-depth study of the cell structure and function including: molecular biology, cell anatomy, and some biochemical processes. The other major portion of the course is a detailed study of the structure and function of the major systems of the human body. Dissection of a mammal is included. ***Chemistry 11 is recommended for a good understanding of the biochemistry section and should be taken before Biology 12.***

CHEMISTRY 11 (MCH--11)

Chemistry 11 provides an introductory survey of the principles and knowledge of chemistry. Major themes are the structure of matter, reactions and related calculations. Students study atomic theory, the bonding of atoms, the Periodic Table, and naming of organic and inorganic compounds. They also learn about the properties of important groups of substances and perform lab experiments to reinforce their learning. An important part of study is quantitative chemistry, which involves calculations of amounts of substances involved in chemical reactions. ***Students should be capable of handling basic algebra at the Pre-Calculus Math 11 level.*** Students should expect regular assignments, written lab reports, and chemical calculations.

CHEMISTRY 11 HONOURS (MCH--11 H)

Chemistry 11 Honours is similar to the regular Chemistry 11 course, but proceeds at a faster pace, adding units on Gases and Nuclear Chemistry. Laboratory work is emphasized to a greater extent. This course is recommended for any student considering a future in medicine, engineering or post-secondary education in chemistry; however, it is open to all grade 11 and 12 students with a keen interest in and an above average ability in Math and Science. Students are assessed at the same level and on the same topics as the regular class, but this course moves faster and there are several quizzes on additional material. Students completing this course are awarded an additional 5% on their overall grade for Chemistry 11.

CHEMISTRY 12 (MCH--12)

Chemistry 12 is intended for students who have shown an aptitude for the subject and plan to take Chemistry and related courses at the post-secondary level. Problem solving and lab work is much more prevalent than in Chemistry 11 and a good understanding of mathematics is essential. The course contains laboratory investigation of topic areas including reaction kinetics, solubility principles, chemical equilibrium, acids and bases, and oxidation-reduction reactions. ***Due to a large number of mathematical calculations in the course, students should have a strong standing in Pre-Calculus Math 11 and Chemistry 11.***

CHEMISTRY 12 HONOURS (MCH-12)

The Honours Chemistry 12 course is intended for students planning to take Sciences at university. The same topics are covered as in regular Chemistry 12, but with more depth and detail. Several new topics are introduced, which add to the Chemistry 12 curriculum, and prepare students to do very well at the university level. Students are assessed at the same level and on the same topics as the regular class, but this course moves faster and there are several quizzes on the additional material. Students completing this course are awarded an additional 5% on their overall grade for Chemistry 12.

EARTH SCIENCE 11 (MESC-11)

Earth Science is a study of the Earth, its geological process, and its relationship to the solar system and universe. Course themes include Earth's materials, plate tectonics, earthquakes, volcanoes, oceanography, weather and climate, geologic time, space science, weathering, and erosion. Course activities include labs and mineral and rock identification. The course is good preparation for Geography 12 and Geology 12.

GEOLOGY 12 (MGEOL12)

This is a science course for those students interested in mining, oil and gas, or environmental science. Specific topics include: minerals, rocks, erosion, weathering, volcanoes, earthquakes, plate tectonics, fossils, geological time, ores and ore bodies, coal/oil/gas formation, planets and the moon. Local geology is a main course theme, followed by BC, Canadian and North American geology. Notes, labs and field trips make up most of the learning experiences.

PHYSICS 11 (MPH--11)

Physics is the science that examines the 'mechanics' of the physical world around us. This course is suitable for students with a *strong background in math* and interests in science, mathematics, and engineering. Experiments will be done on a regular basis to enable students to bridge the gap between the real world and the abstract world of mathematics. Topics will include motion (kinematics and dynamics), energy, waves, light, and relativity. Students should expect regular assignments, lab work and many mathematical calculations. ***This course builds upon the skills developed in Science 10 and Foundations of Math 10.***

APPLICATIONS OF PHYSICS 11 (MPHA-11)

Although academic in nature, this course gives added attention to hands-on problem solving and applications. Applied Physics is recommended for those students who enjoy the hands-on aspects of science and those who are interested in the trades. Topics include fluids, electronics, energy, machines and waves. ***This course builds upon the skills developed in Science 10 and Foundations of Math 10 or Apprenticeship and Workplace Math 10.***

PHYSICS 12 (MPH--12)

This is a rigorous course that requires strong math and problem solving skills. It continues the study of kinematics, dynamics and energy that started in Physics 11, and then focuses on electricity and magnetism for at 40% of the course. The emphasis of the course is the practical use of the methods and formulae of physics to explain the behaviour of the physical universe. Students should expect regular assignments, lab work, and many mathematical calculations. ***Students should not start this course before completing Pre-Calculus Math 11 and Physics 11.***

SCIENCE AND TECHNOLOGY 11 (MSCT-11)

This course uses a *hands-on approach* to studying science and technology. Each unit consists of completing projects, and reporting on what was done and learned. This is a fun way to study topics such as forensics, structures, aerodynamics, and more. Be ready to participate as we ‘do’ science rather than just read or hear about it. *Note:* Although SCT 11 is recognized as a Grade 11 science course for the purpose of graduation, it is NOT recognized by any university for admission purposes. ***This course may be selected only upon recommendation of your Science 10 teacher.***

PHYSICAL EDUCATION

PHYSICAL EDUCATION 10 (MPE10)

This is a **required course for graduation** and emphasizes participation and a positive attitude. The course focuses on the development of skills for a variety of recreational and lifetime sports. Fitness activities will also be emphasized. Assessment will be based on theory concepts, full participation, positive attitude, as well as development of the requisite skills in each activity.

HOCKEY 10 (North Peace Junior Hockey Program)

The North Peace Junior Hockey Academy Program has been developed to offer student hockey players an individualized training program as well as team-based development. Participants will develop hockey skills, fitness, training knowledge, strategic teamwork skills and nutritional information. Instruction will take place during on-ice sessions, off-ice training sessions and in-classroom settings. This NEW course will be offered to all NPSS and ELC Students. **It will run from 8:30 to 9:30 a.m. Monday through Friday.** All Participants will be required to bring equipment to go on the ice from Tuesday to Thursday each week. Off ice sessions will be held on Mondays and Fridays. All athletes at this point will be responsible for transportation to and from the Arena. This course will run for the first semester and will count as the students PE 10 grade. Transportation at this point will not be provided, however it is something we are looking into.

INDIVIDUAL PE 10

This course is designed for students to complete independently. It will include a minimum of 90 hours of supervised physical activity hours, along with engaging projects/assignments. Students will be supervised by a variety of people, including coaches, certified instructors and their parents. Students are required to complete a minimum of 5 hours in each of 5 dimensions: Alternate Environments, Dance, Gymnastics, (includes yoga, stretching and Pilates), Individual/Team Games, and Individual Activities. Students have the ability to choose activities based upon their personal interests, allowing them to build the course that they find most interesting. Students will need to complete activity logs every 2 weeks and assignment booklets throughout the course, and finally, students will be required to complete an ACT Foundation CPR course that is provided by NPSS PE Teacher.

PHYSICAL EDUCATION 11 (MPE--11)

This is a co-educational program with emphasis on learning techniques in a variety of performance and leisure oriented activities. Active health and fitness activities will be stressed. Assessment will be based on theory concepts, full participation, positive attitude and student effort, as well as development of the requisite skills in each activity. Students must complete 4 hours of volunteer community work and a community assignment.

PHYSICAL EDUCATION 11 - WOMANS (MPE--11 WO)

A physical Education designed for girls only. This class will consist of a variety of units with a strong focus on lifetime physical activities. Examples of some of the activities are: yoga, aerobics, pilates, boxercise, strength training and walking. With these types of activities the students will learn how to set goals, develop a program and monitor themselves to ensure success in maintaining a healthy lifestyle. Students will also examine the relationship between nutrition and health. Team/Individual games will also be part of this course.

FITNESS AND CONDITIONING 11 (YHRA -11)

The Fitness and Conditioning course is designed for those students who have an interest in the expanding fitness industry. There is a very active fitness component and the course may include local certification as a 'fitness leader' as one of many areas including aerobic-based activities (boxercise, aerobics, spin classes - cycling, deep water running), weight training, and sport specific high performance classes. Areas covered will also include such topics as sports psychology, fitness fads/trends, health and wellness, and fitness careers. If you are interested in really getting into shape, then this the course for you! School athletes would benefit greatly from the training offered in this class.

PHYSICAL EDUCATION 10/11/12 SOCCER (MPE-- 10/11/12 SO)

The world's most popular sport has come to NPSS PE. This course is for both Boys and Girls who "love" to play the game of soccer and have a real desire to improve. Focus will be on fitness, skills, and team play. This course is open to all students. When not on the pitch other PE activities such as badminton, basketball, dodge ball and minor games may also be included. Students will be outside for training sessions in the months of September and October, and must be able to get themselves to the indoor soccer pitch in the months of November, December and January. Cleats are highly recommended for this class, as well as indoor shoes.

PHYSICAL EDUCATION 11 – HOCKEY OPTION (MPE--11 HO)

This course is structured for those students who have a serious interest in developing their skills, knowledge, attitude, and conditioning through hockey. The skill portion will take place on the ice two times a week. Dry-land training including weights, polymeric, as well as anaerobic and aerobic conditioning, will make up the fitness component for the course. Other sporting activities such as volleyball, basketball, badminton, soccer, and football will be included to meet Ministry course requirements. On and off the ice, students will be required to demonstrate positive attitudes toward all aspects of hockey, including positive role modeling, physical training, and academic success.

This program has been developed in partnership with NPSS and the Fort St. John Minor Hockey Association. It is required that all participants must be registered in minor hockey, supply their own equipment and provide transportation to and from the arena. Students in this course will be required to complete 4 hours of community service within the Fort St. John Minor Hockey Association to fulfill course requirements.

PHYSICAL EDUCATION 12 (MPE--12)

PE 12 follows the Grade 11 course in performance and leisure activities. Developmental leadership skills, 8 hours of community and an intramural assignment are components of the course. A high level of performance in both the practical and theoretical areas will be expected. Tournaments, coaching theory, training and conditioning, and development and implementation of personal fitness programs will be included.

PHYSICAL EDUCATION 12 -WOMANS

A Physical Education option designed for girls only. This class will consist of a variety of units with a strong focus on lifetime physical activities. Examples of some of the activities are: yoga, aerobics, Pilate's, boxercise, strength training and walking. With these types of activities the students will learn how to set goals, develop a program and monitor themselves to ensure success in maintaining a healthy lifestyle. Students will also examine the relationship between nutrition and health. Team/Individual games will also be part of this course.

PHYSICAL EDUCATION 12 – HOCKEY OPTION (MPE--12 HO)

Students who want to participate in the Hockey Option program for a second year may register for this course. Requirements will include 8 hours of community service within the Fort St. John Minor Hockey Association, as well as the participation in either NCCP Level 1 Coaching or Refereeing Clinics.

OUTDOOR EDUCATION 11 (YLRA-1A OE)

This exciting course is designed to introduce you to outdoor education. We will be aligning this course with the Schools and Scouting program to give students a rich understanding of outdoor skills, risk management, preparation, leadership and community participation. You will learn and develop practical skills in outdoor physical activity, first aid, survival skills and seasonal shelter construction techniques. In addition, you will also learn about group dynamics and leadership, outdoor survival techniques, equipment use and care, trip planning and emergency management skills. This will give you a balance of knowledge to deal with a variety of outdoor situations from recreation to survival. Physical fitness and conditioning will play an important role in the course with three days per week participating in outdoor activities and two in-class sessions per week. There are numerous class trips booked for the semester including hiking, canoeing, skiing, fishing and survival seminars. In addition, there are multiple local excursions which pair with the learning outcomes for the course. This course is open to any student interested in outdoor pursuits. See you outside!

Mandatory Basic Equipment:

- Clothing dependent on season
- Mitts/gloves/hat
- Multi-tool
- Backpack
- Outdoor footwear
- Flashlight and whistle

This course meets the applied skills requirement for graduation.

OUTDOOR RECREATION LEADERSHIP 11 WOMEN'S (YLRA-1A WO)

This unique outdoor course, offered only in Semester 2, is designed for women who want to be independent in the wilderness, work in summer camps or have an interest in the growing outdoor tourism industry. The course will include winter camping, backpacking, canoeing, photography, first aid, bear safety, and survival skills. Other components may include horsemanship, skiing, and mountain biking and climbing. Students will also learn leadership skills necessary to work with children and adults. One day a week will be used to improve student fitness level. Outdoor films like "Into the Wild" will be used to examine outdoor accidents. *All women who take this course should be able to feel comfortable and safe on their own adventures.* **This course meets the applied skills requirement for graduation.**

OUTDOOR EDUCATION 12 (YLRA-2A OE)

This exciting course is designed to deepen and extend your knowledge of survival based outdoor skills. We will be aligning this course with the Schools and Scouting Program to give students a rich understanding of outdoor skills, risk management, planning, preparation, group leadership, as well as, advocating for community environmental awareness. You will learn and develop practical skills in outdoor planning and organization, a variety of outdoor navigation and transportation methods, shelter construction and sustainable wilderness survival techniques.

This course is geared for students who wish to gain deeper knowledge on learning detailed outdoor planning and organization techniques. This would be particularly useful for those who plan to work in the outdoors, particularly remote settings. Proper clothing and equipment will be assets to an enjoyable experience in the course. Students wishing to take on this course will enjoy several trips (two overnight) including: temperate shelter camping, hiking, skiing, fishing, winter camping, as well as, additional extracurricular opportunities. Due to the higher risk nature of the course, students interested will require an interview to assess safety and skill knowledge before undertaking this course.

As part of your free membership in Scouts Canada, you will also have the opportunity to take on the Duke of Edinburgh Award, a rigorous but prestigious course that will earn an additional 4 credits in addition to the 4 credits earned in Outdoor Education 12.

PERSONAL DEVELOPMENT

PEER TUTOR (YED--2A)

Peer tutor is an elective course for students interested in tutoring students. Tutors will receive instruction and training prior to be placed in a classroom. Potential tutors are expected to be able to assist students in at least two subject areas. Tutors will work with students in a designated classroom during their peer tutoring period. They assist the teacher in providing academic and organizational skills to students. For more specific information, please contact Mrs. Blackmon. **This course does not meet the applied skills requirement for graduation.**

PLANNING 10 (MPLAN10)

Planning 10 is a **required course for graduation** where students explore a full range of career and educational choices. Students think about their prospects for success in those careers, and plan the actions required to pursue their chosen career paths and post-secondary education destinations. Planning 10 supports student educational planning and explores graduation requirements. The course also covers topics related to career development, healthy decision making, and financial literacy.

PLANIFICATIONS 10

Planifications 10 est la version française de Planning 10. Les élèves vont explorer des choix de carrières et ouvrir leurs yeux aux possibilités d'études post-secondaires. Les élèves devront planifier leur avenir en se fixant des buts à atteindre. Ils auront aussi la chance d'étudier d'autres sujets tels que la planification financière et la vie saine.

SELF DEFENSE FOR LIFE 10 (YLRA-OA) ELC only

This Course will focus on the Karate for Life framework developed by Sport Canada and Karate Canada, which incorporates the generic model of athletic development aimed at improving the nation's health and excellence in sport. Students will learn the skills of karate and self defense but the practice of karate-do is more than just training for fitness and self defense; it is an inner journey which will enable students to achieve mental discipline and promotes a society of peace, happiness and justice. Students will learn techniques for developing self-control, respect, tolerance and acceptance of others through the skill acquisition through the various levels of karate-do.

BUSINESS EDUCATION AND COMPUTER

BUSINESS EDUCATION 10: GENERAL (MBEG -10)

In this course you will be exploring the world of business! We will be learning a variety of topics to give you an introduction on how to become a successful business person in today's society. We will be investigating the basic building blocks of business, how the economy and stock markets work, as well as the key components for starting your own business. By the end of the semester you will have a good understanding of business and how to start a basic enterprise. A highlight of the course is a class stock trading competition! **This course meets the applied skills requirement for graduation.**

ACCOUNTING 11 (MAC--11)

Accounting 11 is an introductory course in basic bookkeeping, which explores why and how financial information is kept. Students learn to apply accounting principles to a variety of service and merchandising business examples. You will learn hands on how to build and run accounting systems using Excel which can be customized to fit your needs as a business operator or just managing your personal finances. Accounting involves recording the daily financial information about a business and then summarizing and reporting this information for analysis and decision-making. *Some important reasons why students should learn accounting are:*

- it is one of the fastest growing professions.
- it is a necessary knowledge for those who want to own or manage a business.
- employers value employees who understand accounting practices.
- it enables you to handle your own personal business affairs.

This course meets the applied skills requirement for graduation.

ACCOUNTING 12 (MACC-12)

This course will build on the concepts learned in Accounting 11. The course is designed to deepen understanding in the skills needed to meet the challenges faced by accounting professionals and business owners in today's society. Looking at accounting systems, you will learn how to analyze today's company financial statements and uncover the numerical engineering behind business operation and gain understanding on how to become a successful business person. We will be looking at how customer transactions take place, merchandise accounting and accounting using computer systems for those interested in commerce for their academic careers. This course is delivered as a dual credit program with Northern Lights College for those interested in continuing with the program in post-secondary education.

This course meets the applied skills requirement for graduation.

COMPUTER ANIMATION 11 (YCCT-1A CA)

This course gives the student an opportunity to gain insight into the film, special effects and animation industries. This is a course for artistically creative students who wish to tell great stories through computer-generated images. Students will explore basic drawing techniques. They will create an original cartoon using industry standard software. **This course meets the applied skills requirement for graduation.**

COMPUTER ANIMATION 12 (YCCT-2A CA)

Students continuing their studies in computer animation will further develop their animation and modeling skills with Lightwave 3D. This course will focus on the development of drawing skills, motion studies and advanced animation techniques. Students will create several CG images, animations and sketches suitable for a demo reel. **This course does not meet the applied skills requirement for graduation.**

ENTREPRENEURSHIP 12 (MENT-12)

This course introduces you to the world of small business. You will learn the skills needed to become a successful entrepreneur then apply these skills by creating, building and operating a small business. You will learn the fundamental skills needed to run and operate a fully functional business, including the crafting of your very own business plan. You will be executing this business in North Peace Secondary as a fully functional revenue generating enterprise. Running a business outside of class time will be essential in the success of your venture which will ultimately teach you about the challenges and successes that Entrepreneurs face in the real world. **This course meets the applied skills requirement for graduation.**

GRAPHIC DESIGN 11 (YCCT-1D GD)

Students will explore the world of graphic design and photography. With a digital camera and Adobe PhotoShop, students will explore elements of design and learn good photography practices. Students will have an opportunity to use the school digital cameras, or can provide their own. This course meets the applied skills requirement for graduation.

GRAPHIC DESIGN 12 (YCCT-2D GD)

This course builds upon the skills learned in Graphic Design 11. Students will explore advanced PhotoShop techniques including photo restoration and retouching. Students will explore design related careers and build upon their knowledge of photography. Emphasis will be placed on using graphic design elements and principles to create a professional portfolio suitable for presenting to a college, university or career interview. *Students must provide their own digital camera.* **This course does not meet the applied skills requirement for graduation.**

INVESTMENT AND MONEY MANAGEMENT 11 (YBMO-1A)

The primary focus of this course is obtaining the knowledge for personal financial freedom. This course will help you to understand and plan for your financial future, teaching you how to become more prepared to manage your money. This course will help you develop knowledge and literacy to understand current financial conditions, products and planning skills. We will be learning about enhancing personal financial literacy, the banking system, how to become a savvy investor as well as personal money management. Students in this course will take on a class stock market competition and an investment based final project. **This course meets the applied skills requirement for graduation.**

MEDIA ARTS 11: DIGITAL MEDIA ELC only

Digital Media is a course that has been designed specifically to assist students at the Energetic Learning Campus with their Project Based Learning. The skills that will be acquired through this course will assist students in all aspects of their educations, this year and in their future education. The course has been developed to provide students with the skills needed to create media-rich artifacts that will document their learning in an independent or collaborative digital portfolio. Throughout the course, students will collect artifacts from various assignments and projects, across the curriculum that will be used to assess and demonstrate their learning. All subject areas will be represented in each student's digital portfolio. The students will be exposed to a variety of programs such as Libre Office, Prezi, Gimp, I Movie, Glogster and Inspirations. The following are the intended learning outcomes for Digital Media 11:

- Students will develop a year long on line portfolio.
- Students will learn appropriate use of social media.
- Students will think critically about technology and access to technology.
- Students will learn how technology affects today's society.
- Students will learn various mediums to demonstrate their learning.
- Students will have the opportunities to be creative and innovative.
- Students will develop their personal organizational skills.

Required Materials

- USB Flash Drive
- Binder/Paper/Pen/Pencil

Suggestions

- Bring own personal multi media devices (Computer, Smartphone, tablet, etc).
- Install the programs we are using on own personal computer, as they are all free except for iMovie, which is only compatible on a Mac. This will allow students to work on any projects at home on their own time if needed.

This course meets the applied skills requirement for graduation.

YEARBOOK 11 (YCCT-1C)

Students enrolled in this hands-on course will be responsible for the layout and production of the school yearbook. Students will be assigned work in the areas of digital photography, writing, editing, page layout, advertising and distribution. Students will create their projects using industry standard software in cooperation with a Canadian publisher. **This course meets the applied skills requirement for graduation.**

YEARBOOK 12 (YCCT-2C)

Students enrolled in Yearbook 12 will build upon their knowledge learned in Desktop Publishing or Yearbook 11. These students will take on a leadership role and editorial responsibilities in the production of the school yearbook. **This course does not meet the applied skills requirement for graduation.**

TECHNOLOGY EDUCATION

INFORMATION TECHNOLOGY 11 ICTX11

This course provides students with the opportunity to develop the information technology skills and knowledge required for working with computers. Students will participate in a variety of hands on activities & projects that focus on four areas: web publishing, programming, multi media presentation software and emerging technologies.

INFORMATION TECHNOLOGY 12 ICTX12

Students enrolled in this course will build on the skills developed in Information Technology 11. Students will research current technology issues, work on multi media projects, and enhance their knowledge of digital communication.

TECHNOLOGY EDUCATION 10: MECHANICS (MTEC-10)

This course is an introductory course in the principles and operation of basic mechanical systems. Topics of study include: sources of power; history of power; tools, fasteners and measuring devices; internal combustion engines; spark and compression ignition; lubrication, fuel and cooling systems; and, future energy sources. Practical work centers on hand-tool use and on the single cylinder engine. This course is an asset for students planning to take future automotive courses. Coveralls, appropriate clothing and safety glasses are required and must be worn at all times in the shop area. NOTE: Students may supply a small single cylinder engine for disassembly, assembly, and repair practice. This engine **need not** be working, but should be complete. Students must supply all parts and materials required. **This course meets the applied skills requirement for graduation.**

AUTOMOTIVE TECHNOLOGY 11 (MAT 11)

This course will introduce the student to the major components of an automobile while instilling proper shop safety and procedures. The units of study will include: workshop safety and maintenance; the use of hand and power tools; the use of precision measuring tools; vehicle layout, main systems and components; general vehicle maintenance; engine operation and service; braking systems; basic electricity and battery maintenance. Coveralls, appropriate clothing and safety glasses are required and must be worn at all times in the shop area. **This course meets the applied skills requirement for graduation.**

AUTOMOTIVE TECHNOLOGY 11 – WOMANS (MAT--11 WO)

Topical Outline – Preview

Prerequisite - None

This course is a basic automotive course in which the theory behind the construction, the operation, the service and being able to identify areas that are consistently prone to failure. This will include automotives and light trucks. Topics will include general shop safety, identification of hand tools, power tools, shop equipment, and the use of basic diagnostic equipment. Automotive theory will focus on operation of engines and Powertrains, vehicle inspections, areas requiring periodic maintenance, cooling, braking, electrical, engine performance, wheel service, and lubrication systems. Upon entry to this course, students will be required to obtain and use safety glasses, appropriate clothing, coveralls, and appropriate footwear. **The depth of this course will be presented based on the class and their requirements.**

AUTOMOTIVE TECHNOLOGY 12: AUTOMOTIVE ELECTRICITY AND ELECTRONICS (MATE-12)

This course is a continuation of Automotive Service Technology 11. It encompasses more of an in depth study into the major electrical and electronic systems of a modern automobile. The program topics include: describing, testing and servicing of electrical circuits, batteries, starter motors and circuits, charging systems, conventional point type ignition systems, and electronic ignition systems. Included are the operation and use of scanning tools and multi-meters. Drivability and diagnosis of electrical and electronic problems will also be explored. Coveralls (appropriate clothing) and safety glasses are required and must be worn at all times in the shop area. **This course meets the applied skills requirement for graduation.**

AUTOMOTIVE TECHNOLOGY 12: ENGINE AND DRIVE TRAIN (MATD-12)

This course is a continuation of Automotive Service Technology 11. Automotive Engine and Power Drive Train 12 continues to develop the skills and knowledge necessary to pursue a career in the automotive field. The program topics include:

- Composition of air and fossil fuels
- Gasoline, L.P.G., C.N.G.
- Operation and repair of clutches, transmissions, and drivelines
- Rotary engine construction and operation
- Diesel engine construction and performance
- Hybrid, Electric, Fuel Cell, Hydrogen powered engines
- Automatic Transmissions, and four wheel drives
- Power train electrical systems.

Coveralls (appropriate clothing) and safety glasses are required and must be worn at all times in the shop area. **This course meets the applied skills requirement for graduation.**

CARPENTRY AND JOINERY 11 (MCJ--11)

This hands-on course will allow students to experiment with ideas, materials, and techniques while manufacturing projects of their own design. Upon completion of this course, students should be competent in the following areas: care and use of hand tools; techniques in planning/designing projects in wood; care and use of power tools and machines; manufacturing through mass production; basic drafting; basic blue print reading; and, introduction to building construction. Students will learn the use of modern materials and finishes that are used in woodworking and home maintenance. Life-long skills, such as the ability to select furniture of good quality and the knowledge required to deal with everyday construction problems will be developed in this course. **This course meets the applied skills requirement for graduation.**

CARPENTRY AND JOINERY 12: CABINET CONSTRUCTION (MCJC-12)

Upon completion of this course, students will have a basic knowledge of all available hand and power tools and their use in cabinet making. The course will also cover the following: construction of wood joints; use of joinery shop equipment; applying layout techniques; machine cabinet details; cabinet assembly; finish application; and, methods of cabinet installation. Students will design their own projects with the number of projects depending upon the size and degree of difficulty involved. *This course builds upon the skills developed in Carpentry and Joinery 11.* This course meets the applied skills requirement for graduation.

CARPENTRY AND JOINERY 12: RESIDENTIAL CONSTRUCTION (MCJR-12)

Upon completion of this course, students will have a basic knowledge of house construction, including a basic knowledge in the following areas: care and use of hand tools; layout and construction of houses; footings and foundations; layout of floors, walls and ceilings; roof framing; basic blueprint reading; basic drafting; care and use of power tools and machines; construction of stairs; and, building codes. Students may have the opportunity to work with local industry representatives to gain practical experience with the direct application of their skills. Students will also gain knowledge of materials used in the construction industry. Students will build small garages, sheds, or model houses depending upon demand. It is recommended, but not a requirement, that students complete Drafting and Design 11 before doing MCJR 12. *This course builds upon the skills developed in Carpentry and Joinery 11.* **This course meets the applied skills requirement for graduation.**

DRAFTING AND DESIGN 11 (MDDF-11)

Drafting and Design 11 is an introductory drafting course designed for students planning careers in engineering technologies, construction or mechanical trades, surveying, interior design, etc. It is strongly recommended that students taking Grade 12 Technology Education courses take Drafting and Design 11. Some topics covered in this course are drafting fundamentals, design process, and application of computer technology. **This course meets the applied skills requirement for graduation.**

DRAFTING & DESIGN 12: ARCHITECTURE & HABITAT DESIGN (MDDH-12)

DDH 12 is designed for those students who are interested in residential design, architectural drawing, construction trades, and/or interior design. Much of this course will be on an individual assignment basis with students designing, presenting and completing working drawings for a residence of their choice. Computer assisted drafting is an option available throughout the course. *Students should have an introductory Drafting course before enrolling in MDDH 12.* **This course meets the applied skills requirement for graduation.**

DRAFTING & DESIGN 12: ENGINEERING & MECHANICAL DRAFTING (MDDE-12)

DDE 12 offers the student the opportunity to specialize in areas of drafting, which may be of special interest. This is an advanced course in graphic representation, which is designed for the students interested in mechanical drawing. Surface developments, auxiliary views, resolutions, cams, gears and fasteners are a few of the topics that will be explored. Computer assisted drafting will be used extensively throughout this course. *Students should have an introductory Drafting course before enrolling in MDDE 12.* **This course meets the applied skills requirement for graduation.**

ELECTRONICS 11 (MEL--11)

Electronics 11 enables students to understand how electronic systems and devices work, how they are applied in real world situations, and how they affect our society in many complex ways. The curriculum sets out the prescribed learning outcomes for an *introductory* Electronics program. It is designed to meet the needs of a broad spectrum of students, ranging from those who are not bound for a career in electronics to those who may eventually wish to pursue electronics engineering. It thus has a much broader focus than a course designed solely to align with post-secondary electronics technician curricula.

The curriculum stresses hands-on experimentation and project work as an effective means to focus attention on foundational theory, practical skills, and career, social, and ethical aspects of electronics. The course also incorporates robotics into the curriculum dealing with basic computer programming for robots to perform a variety of manual and automatic tasks.

The curriculum is aimed at motivating and engaging students in a way that:

- stimulates interest in the field of electronics and lifelong learning
- prepares for post-secondary education and careers related to electronics
- increases capability to integrate knowledge, skills, and ethics
- creates discerning users and critical assessors of technology
- increases capability to innovate, design, and create.

This course meets the applied skills requirement for graduation.

ELECTRONICS 12 (MEL--12)

The Electronics 12 curriculum builds on the Electronics 11 foundation and further integrates knowledge, skills, and critical thought through an emphasis on project design, production, and management. The course will have a focus on Integrated Circuits (IC) and learning some of the basics of programming. Students will be required to build a variety of projects utilizing programming software and IC computer chips. This course will also have a robotics component focusing on programming and feedback controls for robots to perform a variety of manual and automatic tasks. **This course meets the applied skills requirement for graduation.**

METAL FABRICATION AND MACHINING 11 (MMFM-11)

This is an introductory course in metalwork. Students will become familiar with all areas of the metal shop with an emphasis on safety and proper use of tools and equipment. This is a hands-on course where students will be expected to practice skills and produce projects for evaluation. **This course meets the applied skills requirement for graduation.**

METAL FABRICATION & MACHINING 12: ADVANCED MACHINING (MMFMM12)

Advanced Machining is a senior course in machine shop operations. Students will expand their knowledge in theoretical and practical aspects relating to the lathe, milling machines, drill press, grinders, and available hand tools. The students will demonstrate their proficiency through the construction of ‘precision’ projects involving a variety of machine shop operations. The ability to read complex drawings would be an asset in this shop-oriented course. *This course builds upon the skills developed in Metal Fabrication and Machining 11.* **This course meets the applied skills requirement for graduation.**

METAL FABRICATION & MACHINING 12: ADVANCED WELDING 12 (MMFMW12)

MFMW 12 is a senior course in welding and fabrication. Students will expand their knowledge and abilities in the theoretical and practical aspects relating to oxyacetylene welding, brazing and cutting, and arc welding. Projects will only be attempted in the latter portion of the course after the student has a thorough knowledge of welding and can consistently produce high quality work. *This course builds upon the skills developed in Metal Fabrication and Machining 11.*

This course meets the applied skills requirement for graduation.

ROBOTICS 12

This course gives the student an opportunity to gain insight into the robotics, design and automation. This is a course for all students willing to put in class time. This course is projects based. Students will design, build, program and test robots for a variety of tasks. This course is for students that are self motivated and aren't afraid of things not working the first, second or eighth time. **This class uses VEX robotics as the basis.**

HOME ECONOMICS

CHILDREN'S SERVICES 11 (YHEC-1A CS)

Students will gain a broad overview of information, skills and attitudes relevant to occupations that provide services for children. The focus of this course is prenatal and postnatal development up to and including, the three year old. The physical, mental, social, and emotional development of children will be studied. Students plan and participate in play sessions, and spend class time in elementary schools as practical components of this course. Career opportunities in this field will also be explored. **This course meets the applied skills requirement for graduation.**

CHILDREN'S SERVICES 12 (YHEC-2A CS)

The student will gain a broad overview of information, skills and attitudes relevant to occupations that provide services to people, specifically children. The course will include the following topics: guidance and discipline, examination of care facilities, and program planning, childhood development for children aged 4-6 years, nutrition, health and safety. Students plan and participate in play sessions as a practical component of this course. It is strongly recommended that Children's Services 11 is taken prior to taking this course. This course does not meet the applied skills requirement for graduation.

FAMILY STUDIES 11 (MFM--11)

This course is designed to encourage students to use processes of decision-making, communicating, and problem solving in a wide variety of circumstances. Areas of study include adolescent and adult growth and development, personal resource management, relationships and social skills, and use of community resources, as they relate to adolescence and family. **This course meets the applied skills requirement for graduation.**

FAMILY STUDIES 12 (MFM--12)

Changing life-styles and relationships, family resource management, and housing and living environments are main areas of study in this course. Changes in family composition such as birth, death, divorce, separation, or elderly parent moving in, will be dealt with in terms of how the family is able to adjust. **This course meets the applied skills requirement for graduation.**

FOODS AND NUTRITION 10 (MFDN-10)

This course provides students with the knowledge of basic cooking techniques that will enable them to prepare and serve delicious and nutritious food products. Student will build upon skills learned in Foods and Nutrition 9 and create from a wide range of recipes. They will continue to expand upon their knowledge of safe food handling and healthy eating. **This course meets the applied skills requirement for graduation.**

FOODS AND NUTRITION 11 (MFDN-11)

An International Food Experience

This globetrotting course focuses on: nutrition, meal planning and safe food handling in the context of international foods. The program aims at developing basic culinary survival skills, healthier lifestyles, and teamwork! Students will complete labs including Mexican Tortillas with Picadillo, Jamaican Jerk Pork, Souvlaki, Bruschetta, Sicilian Pizza, Ethiopian Injera with Wat, and Pork Chow Mein. **This course meets the applied skills requirement for graduation.**

FOODS AND NUTRITION 12 (MFDN 12)

A Gourmet Feast for the Senses

FDS 12 is geared for students willing to prepare food for visual appeal and perform independent research and projects. Topics include: FOODSAFE Level 1, cooking in season, food preservation, advanced food preparation, garnishing and plate presentation, food related careers, and creative mystery labs. *Students in Foods 12 must have prior food experience due to the advanced skills and knowledge required in this course.* **This course meets the applied skills requirement for graduation.**

TEXTILES 10 (MTXT-10)

Explore the path of fibres to fashion. Students will learn the fundamentals of textile production, construction and embellishment and demonstrate their skill in the production of a variety of textiles projects. Students will explore the historical and cultural influences on Canadian fashion and the influence of Canadian designers on the fashion industry. A chance to be creative and the on the “cutting edge”! **This course meets the applied skills requirement for graduation.**

TEXTILES 11 (MTXT-11)

This course is designed to introduce and improve your skills in relation to sewing basics, fibres & fabrics, and using a pattern. Students will obtain the knowledge of art elements and principles of design and will be able to create attractive projects for home and personal use. The background and historical aspects of clothing and textiles and will be examined in detail. Crafts in this course may include: embroidery, appliqué, and quilting. **This course meets the applied skills requirement for graduation.**

TEXTILES 12 (MTXT-12)

Come and learn how to express yourself on different canvas! Students will be given the opportunity to apply design elements and principles to a variety of textile projects. Students will demonstrate advanced construction techniques in the creation of unique items. Students will explore the world of international design and the new trend of “upcycling” textile items. Students in Textiles 12 must have prior machine sewing experience due to the advanced skills and knowledge required in this course. **This course meets the applied skills requirement for graduation.**

VISUAL AND PERFORMING ARTS

STUDIO ART 11: DRAWING AND PAINTING (MSADP 11)

Drawing and Painting 11 provides opportunities for students to develop their drawing and painting skills. Students will expand their technical skills no matter what level of experience they currently possess. We will be building our drawing and painting skills using materials such as pencil, charcoal, watercolour and acrylic paint. **This course meets the fine arts requirement for graduation.**

STUDIO ART 12: DRAWING AND PAINTING (MSADP 12)

Students will expand upon the skills that were developed in Drawing and Painting 11. Drawing and Painting 12 continues to provide opportunities for students to engage in a focused and in-depth study and the development of technical drawing and painting skills. Students will expand their technical skills and develop the skills using materials such as pastels, charcoal, pencil watercolour and acrylic paint. **This course meets the fine arts requirement for graduation.**

STUDIO ART 11: CERAMICS AND SCULPTURE (MSACS11)

Ceramics and Sculpture 11 provides students with the opportunity to engage in a focused and in-depth study of ceramics and sculptural processes. Students will become knowledgeable and skillful in the materials and processes used in the development of 3-D art forms. This will include the creation of freestanding hand built clay sculptures and functional clay items. In addition, students will explore a variety of sculptural processes such as soapstone carving and Paper Mache sculpture. Students are provided with opportunities to expand their technical skills no matter what level of experience they currently possess. **This course meets the fine arts requirement for graduation.**

STUDIO ART 12: CERAMICS AND SCULPTURE (MSACS12)

This class expands the skills learned in Ceramics and Sculpture 11. Students will continue to develop their understanding of how to build with clay and make three-dimensional artwork. In addition students will continue to have the opportunity to develop their understanding of pottery and assignments will build upon and expand confidence in working with sculptural materials. **This course meets the fine arts requirement for graduation.**

ART FOUNDATIONS 11 (MAF--11)

This class explores a variety of ways of making art. The main purpose of this course is to learn the fundamental skills necessary for drawing, painting and building sculptures. Students can expect to be provided with opportunities to expand upon their current skill level no matter what their current ability. **This course meets the fine arts requirement for graduation.**

ART FOUNDATIONS 12 (MAF--12)

This class expands the skills learned in Art Foundations 11. Students will expand their understanding of drawing, painting and sculptural artwork. Students can expect to build their art skills using materials such as pencil, charcoal, pastel, watercolour and acrylic paint. **This course meets the fine arts requirement for graduation.**

DIGITAL PHOTOGRAPHY 10 (YCCT-0B) ELC only

This course will provide you with an opportunity to explore the world of photography through a “hand on” approach. Each class will involve taking photos with a specific purpose. In addition, we will do weekly “photo walkabouts” taking photos with a specific focus (ie. landscape, water, nature, humour, pets, etc.). **This course meets the fine arts requirements for graduation.**

COMMERCIAL MUSIC AND RECORDING 11 (YCCT-1B)

Have you ever considered performing, recording or working in the music industry? In this course, you will learn: the “ins and outs” of the music industry, the technical aspects of sound systems used in “live performance” situations and explore different recording situations. You will work with modern, state of the art professional sound and recording equipment in a professional setting while also learning what is possible using a basic home computer. There will also be some basic video production involved in the class. Although there is no prerequisite for this course, it is expected that students are able to work well with others and individually in different situations. **This course meets the applied skills requirement for graduation.**

FILM STUDIES 12 (YVPA-2B)

This course is designed for students who have a deep appreciation for film as an art form. The course will study examples of film but will also inquire into the technical aspects of production itself. Various periods, styles and genres will also be considered during the course. Students will be viewing examples of film that have been commonly accepted as great works of film making. This course does not meet the fine arts requirement for graduation.

FINE ARTS 11: PIT ORCHESTRA (IDS: MIMCB 11)

FINE ARTS 12: PIT ORCHESTRA (IDS: MIMCB 12)

These are courses for instrumental, string, and keyboard players who wish to dedicate themselves to preparing and performing the music for the Musical Theatre production. This is primarily a ‘performance’ course. *Students wishing to take this course must audition with the director prior to the first class.* This course requires weekly evening rehearsals and numerous shows with the cast. **These courses meet the fine arts requirement for graduation.**

INSTRUMENTAL MUSIC 11: JAZZ BAND 11 (MIMJB 11)

INSTRUMENTAL MUSIC 12: JAZZ BAND 12 (MIMJB 12)

This is a course for instrumental players who are interested in and want to have a lot of fun playing ‘Jazz’. Students will learn and develop skills both as a jazz ensemble player and as a soloist. Jazz theory and practice will be taught throughout the course. *Students wishing to take this course must audition with the director prior to the first evening rehearsal at the beginning of the school year.* **These courses meet the fine arts requirement for graduation.**

INSTRUMENTAL MUSIC 11: CONCERT BAND 11 (MIMCB 11)

INSTRUMENTAL MUSIC 12: CONCERT BAND 12 (MIMCB 12)

Students will develop a keen interest in playing, advance technical ability and sense of ensemble playing, as well as develop a skill and appreciation, which will carry beyond secondary school. All students are required to participate in five public concerts throughout the year. Attendance at weekly evening rehearsals is required. **These courses meet the fine arts requirement for graduation.**

INSTRUMENTAL MUSIC 11: GUITAR 11 (MIMG-11)

In this course, students will explore: basic chords, rhythms and music theory needed to perform selected classic popular song and write original compositions. Students will be required to sing and perform in both private and public settings. Students will be required to play guitar music out of selected classical style method books. Although this course is open to all guitarists, the main focus is beginning guitar. Students must provide their own acoustic guitar. **This course meets the fine arts requirement for graduation.**

MUSICAL THEATRE / ENGLISH 10/11/12

If you've ever had the desire to sing, dance, and act in a major musical theatre production, then you've come to the right place. The course is a 'production' course. Students will be part of the cast of singers, dancers and actors in a large musical production, which will be presented in December at the Cultural Centre. All students enrolled in Musical Theatre must be serious about the production, attend all rehearsals (including after school and weekend rehearsals) and be willing to dedicate themselves to the production -- it is a time and energy consuming class. This class will be combined with an English counterpart in Project Based Learning guided studies. In particular, students will strengthen their comprehension skills, learn to respond with more critical awareness, increase their overall knowledge of language, improve their written composition skills, hone their communication strategies, and participate in community building activities in the classroom through their study of the Musical Theatre genre. Musical Theatre 10 and 11 meet the fine arts requirement for graduation. Musical Theatre 12 does not meet the fine arts requirement for graduation. Students who take this course will get credit for either English 10, 11 or 12.

DRAMA 10: THEATRE PERFORMANCE ACTING (MDRG-10)

In Drama 10, students work on building confidence and skills in communication and expression. Students build characters by experimenting with movement and facial and vocal expression in original and scripted work. Some areas of study may include, community building, mask work, puppetry, clowning, radio plays, role drama, story drama, theatre history, and script analysis. In this course, students work together to achieve common goals and create story, drama, and ultimately theatre. **This course meets the fine arts requirement for graduation.**

DRAMA 10: THEATRE PERFORMANCE MUSICAL THEATRE (MDRR-10)

The course is a 'production' course and students will be part of the cast of singers, dancers, and actors in a large musical production, which will be presented in December at the Cultural Centre. Students in this grade 10 course will be cast in supporting roles. All students enrolled in Musical Theatre must be serious about the production, attend all rehearsals (including weekly night rehearsals) and be willing to dedicate themselves to the production--it is a time and energy consuming class. The course is ideal for those students who are able to keep up with their other classes and devote themselves to the musical. Drama 10: Theatre Performance is a stepping stone to the senior level Musical Theatre program. **This course meets the fine arts requirements for graduation.**

THEATRE PERFORMANCE 11: ACTING (MTPA-11)

Acting 11 includes some creative drama, but more emphasis is on learning theatre skills. Students will work on voice improvement, characterization, and can be involved in a chosen production as they learn the skills of an actor. **This course meets the fine arts requirement for graduation.**

THEATRE PERFORMANCE 12: ACTING 12 (MTPA 12)

This senior course is designed specifically for the serious, mature lover of theatre, as it is performance based. This course hones characterization and script analysis skills. Topics of interest include acting techniques, Shakespeare, Commedia dell'arte, improvisation, directing, and audition techniques. This course may consist of play productions performed for public audiences. Students must be prepared to work hard as the course is production oriented and will offer a challenge. **This course meets the fine arts requirement for graduation.**

THEATRE PRODUCTION 11/ENGLISH 10/11/12/TECHNICAL (MTPR-11)

This course is for those students who have an interest in theatre and want to learn about 'backstage' life. Every element of theatre production will be covered except acting! Students will learn about set and prop building, scenic painting, set design, theatre management, lighting, sound, costuming, make-up, theatre history, and advertising a show. The fall class will design and build the complete set and props for the school's Musical Theatre production and have the chance to work the actual show in December. This class will be combined with an English counterpart in Project Based Learning guided studies. In particular, students will strengthen their comprehension skills, learn to respond with more critical awareness, increase their overall knowledge of language, improve their written composition skills, hone their communication strategies, and participate in community building activities in the classroom through their study of the Musical Theatre genre. **This course meets the fine arts requirement for graduation.**

THEATRE PRODUCTION 12/ENGLISH 10/11/12 TECHNICAL THEATRE (MTPR 12)

This senior level course is for those students who may wish to pursue technical theatre or design as a career. Students in Technical Theatre 12 will coordinate projects worked on in preparation for the musical production in December. This class will be scheduled concurrently with the Theatre Production 11 class, as they will work together to prepare for the production. *This course builds upon the skills developed in Theatre Production 11.* This class will be combined with an English counterpart in Project Based Learning guided studies. In particular, students will strengthen their comprehension skills, learn to respond with more critical awareness, increase their overall knowledge of language, improve their written composition skills, hone their communication strategies, and participate in community building activities in the classroom through their study of the Musical Theatre genre. **This course meets the fine arts requirement for graduation.**