

Fort McMurray Composite High School

Course Catalogue

2016-2017

FORT McMURRAY COMPOSITE HIGH SCHOOL GUIDELINES

Grade 7/8		Grade 9	10-Level	20-Level	30-Level	Keyano
English 7 →	English 8 →	ENGLISH 9 ≥65	English 10-1 ≥65	English 20-1 ≥65	English 30-1 ≥65	Environmental Technology Social Work University Transfer
		<65	English 10-2 ≥50	English 20-2 ≥50	English 30-2 ≥65	Business Administration Paramedic Early Learning and Child Care Practical Nurse Educational Assistant Human Resources
MATH 7 →	MATH 8 →	MATH 9 ≥65	Math 10C ≥65	Math 20-1 ≥60	Math 30-1 ≥50	Environmental Technology Business Administration Paramedic Practical Nurse University Transfer
		≥50 <65	Math 10-3 ≥65	Math 20-2 ≥60	Math 31	Business Administration Paramedic Practical Nurse
		<50	Math 10-4 ≥60	Math 20-3 ≥50	Math 30-2	Practical Nurse
Science 7 →	Science 8 →	SCIENCE 9 ≥60	Science 10 ≥50 <65	Science 20 ≥50	Science 30	Paramedic University Transfer
			≥65	Biology 20 ≥65	Biology 30	Paramedic Environmental Technology** Practical Nurse University Transfer
			≥65	Chemistry 20 ≥65	Chemistry 30	Environmental Technology** University Transfer
			≥65	Physics 20 ≥65 <small>(Co-requisite Math 20-1/20-2)</small>	Physics 30	University Transfer
		<60	Science 14 ≥50 <65	Science 24		
Social 7 →	Social 8 →	SOCIAL 9 ≥65	Social 10-1 ≥65	Social 20-1 ≥65	Social 30-1 ≥65	University Transfer
		<65	Social 10-2 ≥50	Social 20-2 ≥50	Social 30-2 ≥65	

FORT McMURRAY COMPOSITE HIGH SCHOOL GUIDELINES – K&E

Grade 8/9		10-Level	20-Level	30-Level	Keyano
English 8 →	English 9 →	English 10-4 ≥50 →	English 20-4 ≥50 →	English 30-2 ≥50 → English 30-4 ↑	Business Administration Paramedic Early Learning and Child Care Practical Nurse Educational Assistant Human Resources
Math 8 →	Math 9 →	Math 10C ≥65 → Math 10-3 ≥65 → Math 10-4 ≥50 →	Math 20-1 ≥60 → Math 20-2 ≥60 → Math 20-3 ≥50 → Math 20-4 →	Math 30-1 ≥50 → Math 30-2 → Math 30-3 →	Environmental Technology Business Administration Paramedic Practical Nurse University Transfer Business Administration Paramedic Practical Nurse
Science 8 →	Science 9 →	Science 10 ≥50 <65 → Science 10 ≥65 → Science 14 ≥50 <65 →	Science 20 ≥60 → Biology 20 ≥60 → Chemistry 20 ≥60 → Physics 20 ≥60 → (Co-requisite Math 20-1/20-2) Science 24	Science 30 → Biology 30 → Chemistry 30 → Physics 30 →	Paramedic University Transfer Paramedic Environmental Technology** Practical Nurse University Transfer Environmental Technology** University Transfer
Social 8 →	Social 9 →	Social 10-4 ≥50 →	Social 20-2 ≥50 → Social 20-4 ↑	Social 30-2	

ENGLISH

English 10-1 - 5 CREDITS

Prerequisite: A minimum final mark of 60% in English Language Arts 9 or 70% in English 10-2 is recommended

This course best serves those students who enjoy literature; the course is literature-based. It focuses on the short story, the novel, poetry and drama: Shakespearean and modern. There is a demand on the student for critical thinking and analysis in the interpretation of literary works in writing essays, in oral responses to questions, in classroom discussion, reading and listening, and viewing of films related to course content. Students are expected to develop their interpretive reading skills. They are required to produce a substantial volume of personal and critical writing, moving from the shorter composition to the essay format.

English 10-2 - 5 CREDITS

Prerequisite: A minimum final mark of 50% in English Language Arts 9

English 10-2 is a course designed so that students may improve their basic skills in the practical use of the English language. The emphasis is on clean communication and personal response to literature. The literature and exercises are not taken in as much depth as the material in English 10-1, and the course is intended for students choosing a path other than university studies. This course should provide an opportunity for both academic and personal growth for the student. An emphasis will be placed on the use of language to clarify and organize the student's thinking and feelings, integrating the cognitive and affective domains. Through an integration of reading, writing, listening, speaking, and viewing, the student should improve their communication skills such that they experience competency in all language related study.

English K & E 10-4 - 5 CREDITS

See Page 16

English 20-1 - 5 CREDITS

Prerequisite: A minimum final mark of 60% in English 10 or 70% in English 20-2 is recommended

English 20-1 is a literature based course which focuses on works of an increased complexity. This course addresses literary works similar to those studied in English 10-1. At this level, oral presentations become important and essay writing is further developed. There is an increased demand for critical and analytical thinking - giving this expression in essays, discussion, viewing of films, reading, and speaking. Canadian literary works constitute 50% of the literary works studied. The course emphasizes the critical evaluation of all literary forms. English 20-1 is the required preparation for English 30-1.

English 20-2 - 5 CREDITS

Prerequisite: A minimum final mark of 50% in English 10-2 is required

Like English 10-2, this course stresses the practical use of English. Literature is studied, but an emphasis is placed on basic communication skills. Students study short stories, plays, essays, a novel, and poetry. The approach to literature is different from that followed in the academic program courses. Critical, analytical, and interpretive thinking is stressed, but not as much as it is in the English 20-1 course. Time is allotted for personal writing.

English K & E 20-4 - 5 CREDITS

See Page 16

English 20-1 Pre-Advanced Placement – 5 CREDITS

Prerequisite: Students should have a minimum final mark of 80% in English 10-1 and a teacher recommendation.

This course builds on the framework of learning established in English 10-1 Pre AP. There is a continued focus on literature appreciation and creation as well as activities designed to enhance student expertise with regard to reading, writing, listening, speaking, viewing, researching and representing. According to the Advanced Placement program Course Description and Teacher's Guide published by the College Board, students in Advanced Placement are, "academically talented, imaginative students who read with finesse and write with clarity and style, who are curious and responsive to academic risk taking, and who are not deterred by hard work. An AP English course in Literature and Composition should engage students in the careful reading and critical analysis of imaginative literature. Through close reading of selected texts, students should deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers." There is an increased demand for critical and analytical thinking - giving this expression in essays, discussion, viewing of films, reading, and speaking. This course emphasizes the critical evaluation of all literary forms.

English 30-1 - 5 CREDITS

Prerequisite: A minimum final mark of 60% in English 20-1 or 70% in English 30-2 with a teacher recommendation is recommended

English 30-1 is an academic course requirement for an Alberta High School Diploma. Like English 10-1 and 20-1, this course is literature based in that critical, analytical and interpretive thinking is stressed. Emphasis is also placed upon written expression which reflects critical, analytical interpretation, comparison of literary works and personal reflection about literary themes. In English 30-1 accurate reading, skillful writing, critical and analytical thinking skills are rewarded with high marks in the Alberta Education Diploma Examination. A Diploma Examination, in two parts, will measure the achievement in English over three years of high school studies and is a **Prerequisite** for entry to a university.

English 30-2 - 5 CREDITS

Prerequisite: A minimum final mark of 50% in English 20-2 is required

English 30-2 is a general course requirement for an Alberta High School Diploma. In accordance with the Western Canadian Protocol, the students will study six general outcomes. These outcomes are designed to create a well-rounded student with an emphasis on communication and technical skills. Through the study of literature and technical readings, the goal is for the student to become a life-long learner. A Diploma Examination, in two parts, will be administered by the Alberta Education at the end of the course.

English K & E 30-4 - 5 CREDITS

See Page 16

MATH

Mathematics 10 C - 5 CREDITS

Prerequisite: A minimum final mark of 50% in Mathematics 9.

Recommended Mark: A minimum grade of 65% in Mathematics 9 is recommended to provide the necessary academic background for success in Mathematics 10 C.

The Mathematics 10 C curriculum covers concepts of Measurement, Algebra and Number and Relations of Functions. It incorporates the following interrelated mathematical processes: Communication, Connections, Mental Mathematics and Estimation, Problem Solving, Reasoning, Visualization and Technology.

Students will be assigned homework on a daily basis.

Mathematics 10 C is designed as a **Prerequisite** for the following two courses: Pre-Calculus Mathematics 20-1 and University Foundations Mathematics 20-2.

Workplace Mathematics 10-3 - 5 CREDITS

Prerequisites: A minimum final mark of 50% in Mathematics 9.

This course is designed for students planning to enter the majority of trades or the workforce immediately after high school.

The Workplace Mathematics 10-3 curriculum covers concepts of Measurement, Geometry, Number and Algebra. It incorporates the following interrelated mathematical processes: Communication, Connections, Mental Mathematics and Estimation, Problem Solving, Reasoning, Visualization and Technology.

Students will be assigned homework on a daily basis.

Mathematics K & E 10-4 - 5 CREDITS

See Page 16

Pre-Calculus Mathematics 20-1 - 5 CREDITS

Prerequisites: A minimum final mark of 50% in Mathematics 10 C.

Recommended Mark: A minimum grade of 70 % in Mathematics 10 C is recommended to provide the necessary academic background for success in Pre-Calculus Mathematics 20-1.

The Pre-Calculus Mathematics 20-1 curriculum covers concepts of Algebra and Number, Trigonometry, and Relations of Functions. It incorporates the following interrelated mathematical processes: Communication, Connections, Mental Mathematics and Estimation, Problem Solving, Reasoning, Visualization and Technology.

Students will be assigned homework on a daily basis.

Pre-Calculus Mathematics 20-1 is designed as a prerequisite for the Pre-Calculus Mathematics 30-1.

University Foundations Mathematics 20-2 - 5 CREDITS

Prerequisites: A minimum final mark of 50% in Mathematics 10 C.

The University Foundations Mathematics 20-2 curriculum covers concepts of Measurement, Geometry, Number and Logic, Statistics and Relations and Functions. It incorporates the following interrelated mathematical processes: Communication, Connections, Mental Mathematics and Estimation, Problem Solving, Reasoning, Visualization and Technology.

Students will be assigned homework on a daily basis.

University Foundations Mathematics 20-2 is designed as a prerequisite for the University Foundations Mathematics 30-2.

Workplace Mathematics 20-3 - 5 CREDITS

Prerequisite: A minimum final mark of 50% in Workplace Math 10-3.

This course is a continuation of a sequence designed for students planning to enter the majority of trades or the workforce immediately after high school.

The Workplace Math 20-3 curriculum covers concepts of Measurement, Geometry, Number, Algebra and Statistics. It incorporates the following interrelated mathematical processes: Communication, Connections, Mental Mathematics and Estimation, Problem Solving, Reasoning, Visualization and Technology.

Students will be assigned homework on a daily basis. Workplace Math 20-3 is designed as a prerequisite for the Workplace Math 30-3.

Pre-Calculus Mathematics 30-1 – 5 CREDITS

Prerequisite: A minimum final mark of 50% in Pre-Calculus 20-1

Recommendation: A minimum final mark of 65% in Pre-Calculus 20-1 or a minimum final mark of 70% in University Foundations Math 20-2.

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of calculus. Pre-Calculus 30-1 will include the topics; functional transformations, radical functions, polynomial functions, trigonometry and the unit circle, trigonometric functions and graphs, trigonometric identities, exponential functions, logarithmic functions, rational functions, function operations, permutations, combinations and the Binomial Theorem.

Students will be assigned homework on a daily basis. This is a Diploma Examination Course.

University Foundations Mathematics 30-2 – 5 CREDITS

Prerequisite: A minimum final mark of 50% in University Foundations 20-2.

Recommendation: A minimum final mark of 65% in University Foundations 20-2.

This course 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 calculus. University Foundations 30 will include the topics; set theory, permutations, combinations, probability, statistics, rational expressions, rational equations, polynomial functions, exponential functions, logarithmic functions, and sinusoidal functions

Students will be assigned homework on a daily basis.

Workplace Mathematics 30-3 – 5 CREDITS

Prerequisite: A minimum of 50% in Workplace Math 20-3

Workplace Math 30-3 is for students who want to apprentice to a trade or enter the workforce directly after high school. It is designed to meet the entrance requirements for apprentices in most trades programs, specifically levels one to three. Topics include finance, geometry, measurement, and trigonometry.

Mathematics 31 - 5 CREDITS

Prerequisites: A minimum final mark of 50% in Mathematics 30 Pure.

This course is designed for students who are intending to pursue university studies in science, commerce, engineering or other programs that have Math 31 as a **Prerequisite**.

The Mathematics 31 curriculum covers concepts of Limits, Differentiation and Integration

Students will be assigned homework on a daily basis.

SCIENCES

Science 10 - 5 CREDITS

Prerequisite: A minimum final mark of 50% in Science 9, 85% in Science 14 or 65% in Science 24

The Science 10 curriculum covers concepts of biology, chemistry, physics and other sciences, and introduces the differences between them by looking at pure science, applied science, and technology. Science 10 also shows students how the various disciplines of science are related and how they apply to the world around us. There are four units of study: Energy and Matter in Chemical Change

(Chemistry); Energy Flow in Technological Systems (Physics); Cycling of Matter in Living Systems (Biology); and Energy Flow in Global Systems.

Science 10 is designed as a prerequisite for the following 20-level Science courses: Biology 20, Chemistry 20, Physics 20 and Science 20.

Science 14 - 5 CREDITS

Prerequisite: A final mark of less than 50% in Science 9

Science 14 is designed for those students who want to meet their science credit requirements without having to take biology, chemistry or physics. It is a basic course, **does not lead to college/university admission**. The topics covered in each course are more meaningful to students and more relevant to their everyday lives now and as citizens of the future. Units of study: Investigating Properties of Matter, Energy Transfers and Technologies, From Life to Lifestyle and Matter, and Energy in the Biosphere.

Science 24 - 5 CREDITS

Prerequisite: A minimum final mark of 50% in Science 14 is required or 40 - 49% in Science 10

Science 24 is designed for those students who want to meet their science credit requirements without having to take biology, chemistry or physics (a basic course, **does not lead to college or university admission**). The topics covered in each course are more meaningful to students and more relevant to their everyday lives now and as citizens of the future. Units of study include: Unit A: Matter and Chemical Change, Unit B: Energy Transformations, Unit C: Disease Defence and Human Health, Unit D: Safety in Transportation.

Science 20 - 5 CREDITS

Prerequisite: A minimum final mark of 50% in Science 10, 85% in Science 14 or 65% in Science 24

Science 20 is an academic course designed for students who plan to eventually continue on to post-secondary education (trades, college, and university); however the curriculum is less intensive than each of the core science courses. It builds on the concepts of Science 10 and has “change” as the unifying theme. The four units of study are: Chemical Changes (Chemistry), Changes in Motion (Physics), The Changing Earth (Earth Science), and Changes in Living Systems (Biology). This course contains concepts that are also developed in the core science courses at the 20 and 30 level.

Chemistry 20 - 5 CREDITS

Prerequisite: A minimum final mark of 65% in Science 10, strong mathematics skills are recommended

Chemistry 20 is an academic science course that is designed to give the students an overview of many topics in chemistry, as well as develop scientific thinking and laboratory skills. The course starts with a review of Science 10 Chemistry. There are four major units of study: The Diversity of Matter and Chemical Bonding; Forms of Matter: Gases; Matter as Solutions, Acids and Bases; and Quantitative Relationships in Chemical Changes.

Physics 20 - 5 CREDITS

Prerequisite: a minimum final mark of 65% in Science 10 and completion of Pure Mathematics 10 is recommended

Energy is the science theme common to all units in Physics 20. Students will be made aware of the tremendous impact of science and technology on society, but at the same time, become aware of the roles and limitations of physics, science in general, and technology in problem solving. Opportunities to acquire scientific thinking and laboratory skills will be given throughout the course. Physics 20 consists of four units of study: Kinematics; Dynamics; Circular Motion, Work and Energy; and Oscillatory Motion and Mechanical Waves.

Biology 20 - 5 CREDITS

Prerequisite: A minimum final mark of 65% in Science 10 is recommended

The major science concepts developed in this course are systems, equilibrium, energy and matter. Diversity and change are subordinate themes that are also addressed. The major concepts allow connections to be drawn between the four units of the course and between all eight units in the two courses in the

program. Biology 20 consists of four units of study: The Biosphere; Ecosystems and Population Change; Photosynthesis and Cellular respiration; and Matter and Energy Exchange by the Human Organism. .

Science 30 - 5 CREDIT

Prerequisite: A minimum final mark of 65% in Science 20, Mathematics skills beyond the 20 level are recommended

Science 30 is an academic course designed for students who plan to eventually continue on to post-secondary education (trades, college, and university); however the curriculum is less intensive than each of the core science diploma courses. It builds on the concepts of Science 20 and has “energy” as the unifying theme. The four units of study are: Living Systems Respond to Their Environment (Biology), Chemistry and the Environment (Chemistry), Electromagnetic Energy (Physics), and Energy and the Environment (Environmental Science). This course contains concepts that are also developed in the core science courses at the 20 and 30 levels.

At the end of this course, students will write the Science 30 Diploma Exam.

Chemistry 30 - 5 CREDITS

Prerequisite: A minimum final mark of 65% in Chemistry 20, Mathematics skills beyond the 20 level are recommended

Chemistry 30 is an academic science course that is designed to give the students an in depth look at several topics in chemistry, as well as further develop scientific thinking and laboratory skills. The course starts with a review of Chemistry 20. There are four major units of study: Thermochemical Changes; Electrochemical Changes; Chemical Changes of Organic Compounds; and Chemical Equilibrium Focusing on Acid-Base Systems.

At the end of this course, students will write the Chemistry 30 Diploma Exam.

Physics 30 - 5 CREDITS

Prerequisite: A minimum final mark of 65% in Physics 20 and 60% in Pure Mathematics or 80% in Applied Mathematics 20 are recommended

In Physics 30, students are given an opportunity to explore and understand the natural world and to become aware of the profound influence of Physics in their lives. The course consists of four units: Momentum and Impulse; Forces and Fields; Electromagnetic Radiation; and Atomic Physics. Students will examine the impact of science and technology on society. Several experiments will be done to understand the theory and to acquire laboratory skills.

At the end of this course, students will write the Physics 30 Diploma Exam.

Biology 30 - 5 CREDITS

Prerequisite: a minimum final mark of 65% in Biology 20 is recommended

Biology 30 is designed for motivated students with a keen interest in biology. It is an academic science course that is designed to give the students an in depth look at many topics in biology, as well as further develop scientific thinking and laboratory skills. Topics discussed include: Nervous and Endocrine Systems; Reproduction and Development; Cell Division, Genetics, and Molecular Biology; and Population and Community Dynamics.

At the end of this course, students will write the Biology 30 Diploma Exam.

SOCIAL STUDIES

Social Studies 10-1 - 5 CREDITS

Prerequisite: A minimum final mark of 50% in Social 9 will allow a student to take this program; however the Recommended Mark is a grade of at least 65% in Social 9 to provide the necessary academic background for success in Social 10-1.

Students will explore multiple perspectives on the origins of globalization and the local, national and international impacts of globalization on lands, cultures, economies, human rights and quality of life. Students will examine the relationships among globalization, citizenship and identity to enhance skills for citizenship in a globalizing world. The infusion of multiple perspectives will allow students to examine the effects of globalization on peoples in Canada and throughout the world, including the impact on Aboriginal and Francophone communities.

Social Studies 10-2 - 5 CREDITS

Students will explore historical aspects of globalization as well as the effects of globalization on lands, cultures, human rights and quality of life. Students will explore the relationships among globalization, citizenship and identity. The infusion of multiple perspectives will allow students to examine the effects of globalization on peoples in Canada and other locations, including the impact on Aboriginal and Francophone communities. Students will develop skills to respond to issues emerging in an increasingly globalized world.

Social Studies K & E 10-4 - 5 CREDITS

See Page 16

Social Studies 10 Pre Advanced Placement - 5 CREDITS

Prerequisites: A minimum final mark of 80% in Social 9 or the permission of the instructor will allow a student to take this program.

Students will explore multiple perspectives on the origins of globalization and the local, national and international impacts of globalization on lands, cultures, economies, human rights and quality of life. Students will examine the relationships among globalization, citizenship and identity to enhance skills for citizenship in a globalizing world. The infusion of multiple perspectives will allow students to examine the effects of globalization on peoples in Canada and throughout the world, including the impact on Aboriginal and Francophone communities. AP students will also focus on the role Europe has played on the process of globalization since the 15th century, including examining the Age of Exploration and the Industrial Revolution in some detail.

Social Studies 20-1 - 5 CREDITS

Prerequisites: A minimum final mark of 50% in Social 10-1 will allow a student to take this program

Recommended Mark: A minimum grade of at least 65% in Social 10-1 to provide the necessary academic background for success in Social 20-1

Students will explore the complexities of nationalism in Canadian and international contexts. They will study the origins of nationalism and the influence of nationalism on regional, international and global relations. The infusion of multiple perspectives will allow students to develop understandings of nationalism and how nationalism contributes to the citizenship and identities of peoples in Canada.

Social Studies 20-2 - 5 CREDITS

Students will examine historical and contemporary understandings of nationalism in Canada and the world. They will explore the origins of nationalism as well as the impacts of nationalism on individuals and communities in Canada and other locations. Examples of nationalism, ultranationalism, supranationalism and internationalism will be examined from multiple perspectives. Students will develop personal and civic responses to emergent issues related to nationalism.

Social Studies K & E 20-4 - 5 CREDITS

See Page 16

Social Studies 30-1 - 5 CREDITS

Prerequisites: A minimum final mark of 50% in Social 20-1 will allow a student to take this program

Recommended Mark: A minimum grade of at least 65% in Social 20-1 to provide the necessary academic background for success in Social 30-1

This course is intended for students planning to go on to college or university. It emphasizes reading and writing, analysis and research skill building. Students will explore the origins and complexities of ideologies and examine multiple perspectives regarding the principles of classical and modern liberalism. An analysis of various political and economic systems will allow students to assess the viability of the principles of liberalism. Developing understandings of the roles and responsibilities associated with citizenship will encourage students to respond to emergent global issues.

Social Studies 30-2 - 5 CREDITS

Students will examine the origins, values and components of competing ideologies. They will explore multiple perspectives regarding relationships among individualism, liberalism, common good and collectivism. An examination of various political and economic systems will allow students to determine the viability of the values of liberalism. Developing understandings of the roles and responsibilities associated with citizenship will encourage students to respond to emergent global issues.

SOCIAL SCIENCES

Psychology 20 and Sociology 20 – 6 CREDITS

Prerequisites: None

General Psychology 20 3 credits

The objectives of the 3-credit courses in psychology are to develop, within the student, the skills and understandings that make it possible for living more effectively in our complex environment. The student's attention will focus on the scientific approach to understanding human behavior so that he or she may appreciate more fully the reasons that underlie one's own acts and those of one's fellows.

General Sociology 20 3 credits

The objectives of the sociology courses are to develop, within the student, a better understanding of group behaviour. This understanding should be based on fact rather than opinion. The sociological perspective focuses on "what is" rather than "what ought to be." Students should be able to analyze occurrences around them objectively. They should feel that they are a part of society, understand its influence on their lives, and visualize their roles in societal change.

Psychology 35 & Sociology 30 – 6 CREDITS

Abnormal Psychology 35 3 Credits

Abnormal Psychology 35 provides an overview of abnormal behavior and the conditions that afflict individuals in Canadian society. The course deals with views of abnormality, casual factors, and types of disorders as well as assessment, prevention, and treatment. Students should gain basic understanding of the major concepts in abnormal psychology and the complicated nature of psychological illness.

Applied Sociology 30 3 Credits

The objectives of the Sociology courses are to develop, within the student, a better understanding of group behavior. Students should be able to analyze occurrences around them objectively. They should feel that they are a part of society, understand its influence on their lives, and visualize their roles in societal change. Applied Sociology also examines agents of socialization, crime and delinquency, social

control, collective behavior and social movements.

Forensic Science 25 - 3 CREDITS

Prerequisite: None, Science 10 is of benefit

Forensic science is the application of scientific principles, methods, and technologies. Through the study of forensic science, students are given the opportunity to explore how scientific concepts from a variety of disciplines (biology, chemistry, and physics) apply specifically to this unique field. This course will promote the importance of scientific literacy and problem solving techniques.

SPECIAL EDUCATION PROGRAMS

Life Skills

The Life Skills Program is for students who have the most severe cognitive and developmental delays and focuses on practical and academic knowledge and skills in the area of Literacy, Numeracy, Social Skills, Personal Living Skills, Vocational Skills, Health and Physical Education. The Life Skills Program focuses on the skills necessary to increase student achievement and independence.

Vocational Individualized Program

The VIP program is designed for students who benefit from a modified academic curriculum in core subject areas of English, Mathematics, Science and Social Studies. Students are provided an individualized program to enhance functional literacy and mathematics, academic performance, vocational and social skills. The VIP curriculum is developed to be consistent with the current Knowledge and Employability (K&E) Program of Studies provided to typical same-aged students. Students who have completed the VIP program of Studies in a core subject may transition to the corresponding K&E course.

Knowledge and Employability

The Knowledge and Employability program was designed by Alberta Education to meet the needs of those students who struggle with the pace and content of academic subjects. In the 2014-15 school year, Composite High School will be offering K & E programming at the grade 10 and 11 level. Our goal is to assist students registered in K&E to reach their potential and allow for transition into mainstream classes in order to graduate with a High School Diploma.

To achieve this goal students follow and complete the K&E curriculum as designed by Alberta Education; however, students are enrolled in courses that are appropriate to their highest level of achievement.

In addition the following adjustments have been made to support students to reach their potential:

Smaller class sizes, ideally a maximum of eighteen students.

Extra support through educational assistants and/or resource room

Enrollment of a student into the Knowledge and Employability program must include consultation with, and the informed consent of, parents/guardians and the student.

English 10-4 K&E – 5 CREDITS

Prerequisite: Recommendation from teacher or counselor

English 10-4 is a course designed to strengthen communication, reading, writing, analytical and comprehension skills. It is intended to provide students with the opportunity to experience success and become well prepared for employment, further studies, active citizenship and everyday living. The goal of English 10-4 is to provide students with practical applied opportunities to develop competencies necessary to meet senior high school credentials and make successful transitions to other courses – English 30-2 is a requirement to obtain a high school diploma.

English 20-4 K&E – 5 CREDITS

Prerequisite: English 10-4

English 20-4 is a course designed to strengthen communication, reading, writing, analytical and comprehension skills. It is intended to provide students with the opportunity to experience success and become well prepared for employment, further studies, active citizenship and everyday living. The goal of English 20-4 is to provide students with practical applied opportunities to develop competencies necessary to meet senior high school credentials and make successful transitions to other courses – English 30-2 is a requirement to obtain a high school diploma.

English 30-4 K&E – 5 CREDITS

Prerequisite: English 20-4

English 20-4 is a course designed to strengthen communication, reading, writing, analytical and comprehension skills. It is intended to provide students with the opportunity to experience success and become well prepared for employment, further studies, active citizenship and everyday living. The goal of English 30-4 is to provide students with practical applied opportunities to develop competencies necessary to meet senior high school credentials and make successful transitions to other courses – English 30-2 is a requirement to obtain a high school diploma.

Social Studies 10-4 K&E – 5 CREDITS

Prerequisite: Recommendation from teacher or counselor

Social Studies 10-4 is a course where students will examine globalization, the process by which the world is becoming increasingly connected and interdependent. They will explore historical aspects of globalization, as well as the effects of globalization on lands, cultures, human rights and quality of life. The infusion of multiple perspectives will allow students to examine the effects of globalization on peoples in Canada and other locations, including the impact on Aboriginal and Francophone communities. Students will develop skills to respond to issues emerging in a globalizing world, with particular emphasis on local environments and situations. The goal of Social Studies 10-4 is to provide students with practical applied opportunities to develop competencies necessary to meet senior high school credentials and make successful transitions to other courses – Social Studies 30-2 is a requirement to obtain a high school diploma.

Social Studies 20-4 K&E – 5 CREDITS

Prerequisite: Social Studies 10-4

Social Studies 20-4 is a course where students will examine various forms of nationalism and apply their perceptions to their own identity and sense of citizenship. They will investigate the influence of nationalism on historical and contemporary events. Students will explore the impacts of nationalism and internationalism. The infusion of multiple perspectives will allow students to develop understandings of First Nations, Métis, Inuit and Francophone perspectives on nationalism.

The goal of Social Studies 20-4 is to provide students with practical applied opportunities to develop competencies necessary to meet senior high school credentials and make successful transitions to other courses – Social Studies 30-2 is a requirement to obtain a high school diploma.

Mathematics 10-4 K&E – 5 CREDITS

Prerequisite: Recommendation from teacher or counselor

Math 10-4 is a course 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. It is intended to provide students with the opportunity to experience success and become well prepared for employment, further studies, active citizenship and everyday living.

The goal of Math 10-4 is to provide students with practical applied opportunities to develop competencies necessary to meet senior high school credentials and make successful transitions to other courses – Math 10-3 is a requirement to obtain a high school diploma.

FINE ARTS **Visual and Performing Arts**

Art 10 - 5 CREDITS

Prerequisite: None

This course is an introduction to Art with the emphasis on developing skills in drawing, colour theories, printmaking, designing and paint mediums.

Art 20 - 5 CREDITS

Prerequisite: Art 10 is required

This course is a continuation of Art 10 with an emphasis on design quality using various art techniques and mediums. Students continue to develop their understanding of the fundamental concepts of colour, design, composition and perspective. They develop and refine drawing, painting and printing skills while using a wide variety of art materials. Sculpture and clay are continued at a higher level to create three-dimensional artwork. Students are also given some time for independent projects in order to explore a personal selection of expression.

Art 30 - 5 CREDITS

Prerequisite: Art 20 is required

This course is a continuation of Art 20 with an emphasis on portfolio expansion and personal expression. Students continue to develop an understanding of the fundamental concepts of colour, design, composition and perspective with an emphasis on developing their own personal artistic style. They develop and refine drawing, painting and printing skills while using a wide variety of art materials. Sculpture and clay are continued at a higher level to create three-dimensional artwork. They will use the vocabulary and techniques of art criticism to analyze and evaluate their own work. Students are required to work independently in creating original ideas through the completion of highly finished Art work.

Drama 10 - 5 CREDITS

Prerequisite: None

This course features student awareness and advancement in basic acting skills. You will explore character development via concentration, voice, mime, movement and improvisational exercises. Major projects throughout the course give individuals the opportunity to show what skills they have accumulated. There is a special emphasis on personal growth and development of positive working attitudes and relationships. 10 credits in Drama 10, 20 or 30 can be used to satisfy the Alberta High School Diploma Graduation Requirements.

Drama 20 - 5 CREDITS

Prerequisite: Drama 10

In this course we concentrate on structured scripted work. Units include Script Analysis, Theatre History, Abstract and dramatic creation and Canadian Studies. Written assignments and formal performance are a major component of each unit. 10 credits in Drama 10, 20 or 30 can be used to satisfy the Alberta High School Diploma Graduation Requirements.

Drama 30 - 5 CREDITS

Prerequisite: Drama 20

This is a production-oriented course designed to showcase and test your knowledge, stage aptitude and communication skills accumulated from previous drama experience. Contents include instruction in theatre history, directing techniques, script work and technical competence. As students you will acknowledge failure in order to grow and uncover materials to explore situations and experience success! 10 credits in Drama 10, 20 or 30 can be used to satisfy the Alberta High School Diploma Graduation Requirements.

Instrumental Music 10 - 5 CREDITS

Prerequisite: Music 9 completion with good standing with a mark of 70% or higher, or a qualifying audition.

This course is designed for those students who wish to continue their study of instrumental music. Emphasis will be placed upon increasing musical competence through instruction in technique and the study of quality literature written for the concert band. Out of school rehearsals and performances will be required.

Instrumental Music 20-30 - 5 CREDITS

Prerequisite: Music 10 completion with a mark of 70% or higher and strong grasp of fundamentals

This course is designed for those students who wish to continue their study of instrumental music. Emphasis will be placed upon increasing musical competence through instruction in technique and the study of quality literature written for the concert band. Out of school rehearsals and performances will be required in one semester. This is a combined 20/30 class out of school rehearsals and performances are an expectation of the course.

Musical Theatre in Performance 15, 25 & 35 - 5 CREDITS (each) (Outside of Regular School Day)

Musical Theatre is offered as a credit course outside of the regular school day. Students in Musical Theatre earn 5 credits in the Fine Arts option area which can be used towards the total 100 credits needed for graduation. Grade 9 students who participate in the Musical Theatre in Performance will receive no High School credits. The Course concentrates on developing vocal technique, acting and dancing/movement. Students must audition to gain enrollment in the course. Students in grade 10 will be placed in Musical Theatre 15. Students will be placed in Musical Theatre 25 if they have a substantial role in this year's production and students will be placed in Musical Theatre 35 if they are taking the course for the second time and have successfully completed Musical Theatre 25. Extra help is available as needed.

SECOND LANGUAGES

French as a Second Language 10 - 5 CREDITS

Prerequisites: None required (French 9 recommended where possible)

FSL 10 will introduce students to a variety of cultural, linguistic and grammatical concepts. The communicative approach to language learning is used in this course with the goal of developing the skills of listening, speaking, reading and writing. A variety of classroom activities will be used to meet this goal. These will include projects, presentations and dialogues. The topics covered in FSL 10 are meaningful to students and relevant to their everyday lives both now and as citizens of the future. There are four major units of study: Activities; Shopping; Vacations; Fine Arts. Students are expected to interact with others in the classroom in French in order to enhance and improve their comprehension of the language

French as a Second Language 20 - 5 CREDITS

Prerequisite: A minimum final mark of 50% in FSL 10 will allow a student to enrol in FSL 20; however the recommended mark is a grade of at least 65% in FSL 10 to provide the necessary academic background for success in FSL 20

FSL 20 will introduce students to a variety of cultural, linguistic and grammatical concepts. The communicative approach to language learning is used in this course with the goal of developing the skills of listening, speaking, reading and writing. A variety of classroom activities will be used to meet this goal. These will include projects, presentations and dialogues. The topics covered in FSL 20 are meaningful to students and relevant to their everyday lives both now and as citizens of the future. There are five major units of study: Senses and Feelings; Close Friends; Fads and Fashions; Consumerism; Outdoor Life. Students are expected to interact with others in the classroom in French in order to enhance and improve their comprehension of the language

French as a Second Language 30 - 5 CREDITS

Prerequisite: a minimum final mark of 50% in FSL 20 will allow a student to enrol in FSL 30; however the recommended mark is a grade of at least 65% in FSL 20 to provide the necessary academic background for success in FSL 30

FSL 30 will introduce students to a variety of cultural, linguistic and grammatical concepts. The communicative approach to language learning is used in this course with the goal of developing the skills of listening, speaking, reading and writing. A variety of classroom activities will be used to meet this goal. These will include projects, presentations and dialogues. The topics covered in FSL 30 are meaningful to students and relevant to their everyday lives both now and as citizens of the future. There are three major units of study: World of Work; Travel and Tourism; Role of the Media. Students are expected to interact with others in the classroom in French in order to enhance and improve their comprehension of the language.

Cree Language 10 – 30 - 5 Credits

This program is intended for students with no previous knowledge of the Cree language. The class introduces students to the Plains Cree (Y dialect) grammar and vocabulary. It is an opportunity for students to practice speaking Cree. Students develop an awareness and appreciation of the Cree language, its immense vocabulary, and its precise word order.

Aboriginal Youth Entrepreneurial Program (AYEP) – 5 Credits

This program focuses on ways in which entrepreneurs recognize opportunities, generate ideas, and organize resources to plan successful ventures that enable them to achieve their goals.

During the program, students will create business plans for their own ventures. Through hands-on experiences, they will have opportunities to develop the values, characteristics, and skills often associated with successful entrepreneurs. The goal of the Entrepreneurship Program is to help develop the attitudes and skills necessary to achieve success in secondary school, in the workplace, during post-secondary education or training, and in daily life. This program invites students to develop entrepreneurial opportunities that can lead to business ownership. Students gain an introduction to business that will help them prepare for the working world regardless of their choice of career. The program is also designed to improve their proficiency in business mathematics, English, accounting, marketing, and information and communications technology, while supporting the acquisition of leadership skills.

Aboriginal Studies 10–20–30 – 5 Credits

This program explores Aboriginal worldviews, histories, values and beliefs. In Aboriginal Studies 10, they will explore the political and economic organizations of Aboriginal cultures as well as Aboriginal symbolism and expression. In Aboriginal Studies 20, they will study cultural change as it relates to the Métis, treaties, legislation and schooling. In Aboriginal Studies 30, your teen will explore Aboriginal rights, land claims and self-government.

PHYSICAL EDUCATION

Physical Education 10 – 5 Credits

Prerequisite: Physical Education 9

Physical Education 10 is a basic course for the completion of a High School Diploma. The course promotes active living through physical education and supports aspects of skill development, positive interactions, health, self-confidence, and goal setting. Students will participate in a variety of activities selected from the following dimensions:

- Team/Cooperative Activities
- Individual Activities
- Fitness
- Leadership
- Dance
- Aquatics
- Lifetime activities e.g. Rock climbing

Students are evaluated on attitude, ability, achievements, knowledge, and emphasis will be placed on active participation. All students participating in this course are required to have Physical Education uniform, which includes sweat suitor shorts (no spandex), Miners PE t-shirt (no tank tops), and non-marking running shoes.

Physical Education 20/30 – 5 Credits

Prerequisite: Physical Education 10

Physical Education 20/30 is an elective course and an extension of Physical Education 10. Greater emphasis will be placed on group and organizational skill through leadership, individual, team, and cooperative activities. Students will participate in a variety of activities selected from the following dimensions with fitness as a mandatory dimension:

- Team Sports
- Individual Sports
- Leadership activities
- Skill improvement
- Aquatics
- Lifetime activities e.g. Rock climbing and squash

Students are evaluated on attitude, ability, achievements, knowledge, and emphasis will be placed on active participation. All students participating in this course are required to have Physical Education uniform, which includes sweat suitor shorts (no spandex), Miners PE t-shirt (no tank tops), and non-marking running shoes.

Physical Education 30 Fitness - 5 Credits

Prerequisite: Physical Education 20

Physical Education 30 Fitness is designed to give students the opportunity to learn fitness concepts and conditioning techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardio-respiratory endurance activities. Students will learn the basic fundamentals of strength training, aerobic training, and overall fitness training and conditioning. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

Soccer Academy 10-20-30 - 5 Credits

Prerequisite: None

On-court instruction at the FMCHS Soccer Academy is detailed and precise, designed to perfect each player's individual skills. Our staff will identify individual weaknesses, then develop strategies and implement programs designed to eliminate them. At the same time, they will continue to encourage and drive students to improve upon strengths. The daily court workouts are intense, focused and efficient. Fundamentals remain the basis for instruction. However, since no two players are exactly alike, the FMCHS Soccer Academy evaluates and develops specific programs for each individual to maximize his or her abilities.

Career and Life Management – 3 CREDITS (CALM) + 2 CTS MODULE CREDITS

Prerequisites: None required

CALM is a mandatory course to receive an Alberta High School Diploma and is worth 3 credits towards graduation. The course contains the following topics:

- Career & Life Choices: Problem Solving, Decision Making, Communication, Career Planning, Learning Opportunities, Personal Profile, Résumés, Portfolio, and Finding and Keeping a Job, Employment Standards
- Personal Choices: Holistic Health, Sexual Health, Substance Abuse, and Relationships
- Personal Resources: Independent Living, Individual Financial Planning, Personal Budget, Credit, Investing, Consumerism, and Insurance

At Composite, CALM is taught in conjunction with two additional modules: HCS3000 and HCS3010, and students will be awarded a total of 5 credits (3 from CALM and 2 from the additional modules) at the end of the semester they take the course.

Independent Learning Center (I.L.C.)

ILC (Independent Learning Center) is a module based learning environment where students work independently to complete required courses. Course selection is done in consultation with a counselor and

provides essential credits required to meet the requirements of a high school diploma. Students work at their own pace and strategies are in place to ensure that students successfully complete the number of credits or the courses they need within a semester. For students who require the services of the ILC, but are unable to fit it into their schedule, an after school program is offered. Courses being offered in ILC are: CALM 20, HCS 3000 (Workplace Safety Systems), HCS 3010 (Workplace Safety Practices), Math 10-4, Math 10-3, Math 20-4, Math20-3, Social Studies 10-4, Social Studies 20-4, Science 14, Science 24, Science 10, Science 20, Science 30, Chemistry 20, Biology 20, Physics 20, Forensic Science 25, Forensic Science 35, Sociology 20, General Psychology 20, Personal Psychology 20, Abnormal Psychology 35, Management & Marketing, World Geography 30

CAREER AND TECHNOLOGY STUDIES OPTIONS

Audio/Video and Broadcasting 10-30

We at Composite high believe the purpose of a great Audio video program is to enable students to develop a positive vision for themselves and to become responsible, independent, self-directed learners who will be informed and be ethical users of media technology. This class will teach students how to use video technology Camera/Mics/Mixers/Tri-Recording Publishers Etc. Students will be provided with Mac and PC unit computers for daily work and editing. Students will learn: Screenwriting Storyboarding and Shot lists, Production Timelines, Film pre-production, production and post production, Film history, Editing Suite software such as Final Cut Pro, GarageBand/Audacity, and Adobe Suite.

Construction 10- 30 – 5 MODULE CREDITS

This course provides basic to advanced construction and wood working techniques for students. The class will begin the semester building a class project. Some of the past projects have included a mobile picnic table, stool, cutting board, and tool box. After this project is completed, depending on each student's module history in Construction, students will largely have their choice of what projects they wish to make, if approved by the teacher. The class also builds sheds and other projects for customers. Students interested in household renovations will have the opportunity to do tiling, drywall, electrical, plumbing, and all other renovation type work.

Electrical Pre-Engineering 10-30

In our Composite High Electrical Engineering programs students apply basic fabricating and servicing techniques to construct and test electronic and electromagnetic devices and cables. Student's also, experiment and work with principles of electrical energy conversion and distribution as well as construct different types of alternating and direct current power supplies and demonstrate their application in electrical/electronic systems. Lastly, Students construct process control systems, demonstrate their basic operation and demonstrate procedures for testing them. All of these applications for Electrical theory Learning are then transferable into other Composite High Programs such as Computer Science and Mechatronics/Robotics.

Fabrication 10-30

The best Fabrication/Welding program in Fort McMurray offers our students the knowledge and time to develop understanding and skills in the use of basic hand tools and materials applied in fabrication processes, and safely transform common metals into useful products. Our students develop basic skills in the safe handling and operation of oxyacetylene equipment, as well as developing basic skills related to the safe use and operation of one or more common electric welding processes. There is also a possibility that dedicated Fabrication students can have the opportunity to complete their first year fabrication apprenticeship modules under the guidance of daily in-house Keyano College instructors.

Fashion Studies 10 - 5 MODULE CREDITS

Prerequisite: None required, but students should have an interest in garment construction

The curriculum for this course covers the use and care of sewing equipment. Students complete a variety of basic sewing, recycling, and knitting projects. There are one credit units; pajama bottoms to fit the individual, a skirt, a restore and reuse denim project (can be oven mitts, a hot pad or handbag), a personal or home accessory such as a small quilt, embroidered, cross stitched or appliqué wall piece, and a knitted item. Students complete a learning guide booklet on safety, using a pattern, pressing skills and parts and use of the sewing machine. There is no homework with this class but students are expected to attend daily tutorial time if they are behind in their projects.

Fashion Studies 20 - 5 MODULE CREDITS

Prerequisite: Fashion 10 (students should have basic sewing skills)

Students complete a fitted shirt as their first one credit course. They then go on to other courses in their area of interest. Courses offered include illustration, specialty fabrics, quilting, active wear, surface embellishment (embroidery, cross stitch, trapunto, appliqué), upholstery, and costuming. There is no homework with this class but students are expected to attend daily tutorial time if they are behind in their projects.

Fashion Studies 30 - 5 MODULE CREDITS

Prerequisite: Fashion 20 (students should have intermediate sewing skills)

Students complete a fitted, lined jacket as their first one credit course. They then go on to other courses in their area of interest. Courses offered include pattern drafting (draping, altering), couture, fashion illustration, specialty fabrics, and cultural or theatrical construction. There is no homework with this class but students are expected to attend daily tutorial time if they are behind in their projects.

Foods 10 – 5 Module Based Credits

Prerequisite: Students are required to complete Foods 1010 in order to progress with other modules.

Each module incorporates both practical and theoretical application for learning and assessment. The culinary class focuses on students learning safe and sanitary food handling procedures, kitchen equipment operation and care, kitchen safety, comprehension of recipes, cooking and preparation principles, the importance of positive work habits and teamwork in the kitchen and classroom. Students are expected to earn 5 credits in the following modules: Food Basics -1010, Contemporary Baking -1020, Snacks & Appetizers -1030, Meal Planning -1040, Fast & Convenience Foods -1050.

Foods 20 – 5 Module Based Credits

Prerequisite: Students are required to complete Foods 1010 in order to progress with other modules. Each module incorporates both practical and theoretical application for learning and assessment. The culinary class focuses on students learning safe and sanitary food handling procedures, kitchen equipment operation and care, kitchen safety, comprehension of recipes, cooking and preparation principles, the importance of positive work habits and teamwork in the kitchen and classroom. Students are expected to earn 5 credits in the following modules: Cake & Pastry -2040, Milk Products & Eggs -2060, Soups & Sauces -2090, Creative Cold Foods -2090, Basic Meat Cookery -2100, International Cuisine -2170.

Foods 30 – 5 Module Based Credits

Prerequisite: Students are required to complete Foods 1010 in order to progress with other modules. Each module incorporates both practical and theoretical application for learning and assessment. The culinary class focuses on students learning safe and sanitary food handling procedures, kitchen equipment operation and care, kitchen safety, comprehension of recipes, cooking and preparation principles, the importance of positive work habits and teamwork in the kitchen and classroom. Students are expected to earn 5 credits in the following modules: Creative Baking -3030, Advanced Soups & Sauces -3060, Food Presentation -3100, Entertaining with Food -3160, Advanced Meat Cookery -3080.

Pre Med (Health Services)

Prerequisite: Science 10

Students explore the fundamental attitudes, knowledge and skills to prepare for further study in careers in health, recreation and community services. Exploring concepts related to the determinants and

dimensions of health and wellness, basic principles of anatomy, physiology and disease, basic safety and reporting protocols for providing care to individuals in health, recreation, volunteer and community support settings.

Mechanics 10- 30 – 5 MODULE CREDITS

In this course students will be introduced to the operation, maintenance, and repair of vehicles. The course is made up of five modules plus orientation and equipment training. There are many modules which cover every aspect of automotive technology. Students are encouraged to bring in their own vehicles, quads, dirt bikes, etc, to work on in class. We also work on customer vehicles. This kind of work ranges from washing and detailing, to engine and transmission replacement.

Mechatronics and Robotics 10-30

In this course students will learn apply the fundamentals of robotics systems and basic robotics functions as well students demonstrate the fundamental concepts of sensor devices and control systems by building an electronic circuit to control a direct wire or mobile robots, all in a warm, caring, self-facilitated student based learning environment lead by some of Fort McMurray's best teaching staff. As an interesting side note students will be highly encouraged to develop project based design and management skills to extend and enhance competencies and skills in other CTS courses through contexts that are personally relevant.

Photography 10 – 5 Module Credits

This is an introductory course that builds the foundation for basic photographic principles and techniques. Students will learn the elements and principles of design as they relate to photographic composition. Digital processing techniques are also introduced using Adobe Photoshop. Students earn credits by completing various modules. Students must complete Visual Composition first as it is a prerequisite for all modules. Students then complete Introductory Photography which teaches basic camera skills. Other Modules include Photography Exposure and Digital Processing. Successful completion provides a foundation for further study in advanced photography courses. There is no homework for this course but students are expected to attend tutorial time if they are behind.

Photography 20 – 5 Module Credits

Prerequisite: Photography 10

This intermediate course will provide an opportunity for students to develop their photographic skills further. Students will reflect on the artistic process and apply a critical eye to their world and the art that they create. Students will delve deeper into photography and digital imaging. Students earn credits by completing various modules. Modules we will be exploring: Composition, Lenses, Outdoor Photography and Communication in Photography. Students may have homework outside of the class.

Photography 30 – 5 Module Credits

This advanced course will give students the opportunity to create a portfolio of work that challenges their creativity as well as their media and technology literacy. Students will create art through photography and digital imaging. Some of the modules we will explore include: Photo Journalism, Color, Lighting and Digital Processing 2. Students may have homework in this course.

ENGLISH LANGUAGE LEARNERS (ELL/ESL)

English Language Learner courses at Composite are courses designed to support students at Composite who speak English as an additional language. Students who speak English at an additional language in any grade can access any of these support services to assist in meeting their graduation requirements. Taking ELL courses WILL NOT impact on graduation or University/College acceptance.

ELL 1-2 and ELL 3-5 - 5 CREDITS PER LEVEL

The goal of these courses is to provide ELL students with planned, instruction and support that will help them to improve all aspects of their English language fluency and communication. Students will improve their:

- writing skills by completing short compositions and or summaries in class and at home,
- vocabulary skills by reading articles, short stories, and novels
- listening skills by listening to and viewing various media
- oral skills by doing presentations and participating in daily discussions.

ELL 1-2 focuses more on students' produced language in speaking and listening. It is the beginning class for English language instruction. ELL 3-5 is a higher-level class with more writing activities and emphasis on reading comprehension and fluency.

OFF CAMPUS PROGRAMS

Power Engineering – Fourth Class

Prerequisites: Grade 9 Math, Science and Language Arts marks of 75% or higher, be a full time high school student in grade 10 or 11, have at least 95% attendance record. Must have successfully completed or currently enrolled in Math 10C, Science 10, English Language Arts 10-1 or 10-2, and MOST importantly the ability to work independently.

The 4th Class Power Engineering course is a three year program where students complete the theory component of the Keyano online course. Students are able to earn CTS credits as they successfully complete each year. Through mentorship programs, some opportunities exist which enable qualified students to spend up to 320 internship hours each summer as a full-time paid worker in a local heating or power plant.

Registered Apprenticeship Program (RAP)

RAP opens the door for high school students to gain work experience, and develop skills and abilities in a career they are interested in pursuing after high school. RAP students partake in a 3 week summer internship (unpaid) to decide whether they would like to pursue their first year of apprenticeship. If they continue, they will go to school for one semester (completing all core courses) and work full time hours (paid) for the next semester. If they complete a two year placement, they will have enough hours to qualify for the first year of apprenticeship.

Acceptance Process:

Part 1

- Students interested in RAP will be asked to attend meetings in the Career Centre under the guidance of the Off Campus Supervisor beginning in October during tutorial time.
- Tutorial time includes job readiness and career exploration.
- Encompasses skills and activities to help students learn about career opportunities, their personal preferences, occupational environment and workplace safety.
- Part 1 is completed in the high school in Grade 10 or 11.

Part 2

- In Part 2, students will go for a three week unpaid internship the summer of their application year. Students are eligible to earn up to five credits for this portion of the program.
- During the school year, the student will be required to work full-time for one semester and then go to school for one semester. Students who apply for RAP in grade 10 are eligible to have their first year apprenticeship hours completed by the end of grade 12.
- Students receive 20 credits per RAP semester and are eligible to graduate and obtain their grade 12 diploma with the rest of their peers.

How it works

- Students undergo an interview and application process, solid attendance (98% attendance rate- excluding excused absences) and good academic standing (65% average and passing all courses) are a part of the selection criteria
 - Careers the Next Generation identifies employers who are willing to offer a RAP placement.
-

Work Experience 15/25/35 - 3 CREDITS MINIMUM

Prerequisite: Complete module HCS3000

Work experience students must register for a minimum of 3 credits (75 hours of work experience). Students may earn up to 15 credits towards graduation and as much as 30 credits in total by completing 375 hours of work experience. This program is designed to give students the opportunity to gain skills necessary to be successful in the world of work. Local employers and agencies provide opportunities for students to develop and practice skills in a real work environment. Some expectations of the course are to:

- Have an opportunity to participate in meaningful work.
 - Gain an understanding of the importance of acceptable work habits and the need for self-discipline.
 - Gain experience in working cooperatively with others.
 - Learn about the organization of business and the relationship of employee to employer, unions and government through direct contact with these agencies.
-