Elmwood High School

Course Description and Handbook

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Welcome to Elmwood High School!

Dear Students and Families,

Welcome to another exciting school year at Elmwood High School! As we embark on this academic journey together, I am pleased to introduce this year's course handbook, a valuable resource designed to guide you through the opportunities ahead and support thoughtful, informed choices about your learning.

At Elmwood High School, we believe that education is about more than courses and credits. It is about creating the conditions where students and staff truly flourish. Flourishing happens when academic challenge, meaningful relationships, and well-being come together. It happens when students feel seen, supported, and encouraged to explore their strengths and take risks in their learning. Our vision is to cultivate a learning environment where everyone not only achieves, but grows with confidence, purpose, and connection.

We encourage all students to take responsibility for their learning while knowing they have support along the way. Students are expected to engage with curiosity, effort, and respect for themselves and others. Clear expectations help create consistency, build confidence, and strengthen the shared sense of purpose that makes our school community strong.

Above all, we are committed to ensuring Elmwood High School is a safe space for all, physically, emotionally, and intellectually. Safety means more than protection; it means belonging. It means feeling comfortable asking questions, sharing ideas, making mistakes and learning from them. Our school is stronger because of the different experiences, perspectives, and talents everyone brings. We are committed to making Elmwood High School a place where every student feels welcome, respected, and included.

Our commitment extends beyond academics to providing rich and meaningful learning experiences. Through hands-on projects, collaborative inquiry, and independent exploration, students develop critical thinking, resilience and new passions. These experiences are designed not just to prepare students for the next course of grade level, but for life beyond our walls, as thoughtful contributors and engaged contributors to their communities.

We encourage each student to take an active role in their educational journey. Self-reflection, goal setting and openness to feedback are powerful tools for growth. At the same time, we recognize that flourishing is collective work. Students, families, and staff share responsibility for creating a school culture rooted in respect, support and high expectations. Open communication and partnership strengthen that work and allow us to celebrate successes and navigate challenges together.

As you explore the courses available, we invite you to choose experiences that challenge you, stretch your thinking, and spark your curiosity. Your time at Elmwood High School is about building knowledge, building relationships, and building confidence in who you are becoming.

I look forward to seeing the contributions you make, the challenges you overcome, and the impact you have within our school community. Together, let's make this a year defined by growth, connection, and purpose, and a place where everyone has the opportunity to truly flourish.

Ms. Amie Johnston

Elmwood Middle Years

Welcome to Elmwood Middle Years! We are so grateful to have you. At Elmwood, we strive to provide an inclusive learning environment that recognizes the inherent gifts of every learner. You will have a place here. You will develop the knowledge, skills, and values necessary for meaningful participation in a global society. You will be treated with the dignity, respect, and care you deserve.

Middle Years is a unique time of growth and exploration for learners. At Elmwood, we meet this moment by providing rich, relevant, hands-on learning opportunities to all. This includes cross-curricular project-based learning, student-led exhibitions, and experiential education within our broader community. We also provide a broad array of extracurricular options to cultivate your passions in sports, the arts, and culture. So, get involved!

In addition to core subjects of English Language Arts, Social Studies, Science, Mathematics, and Physical Education, Elmwood Middle Years offers a host of innovative learning opportunities:

Applied Technology Courses

Woodworking

Metals

Visual Arts

Graphic Arts

Clothing

Foods & Nutrition

Computers/Electronics

Middle Years Discovery Courses

Band

Technology

Music

Performing Arts

Leadership & Social Justice

Outdoor Education

Cultural Studies

Congratulations on becoming an Elmwood Giant! Whoever you are, wherever you come from, we recognize the unlimited potential within you. Let's work together to make this an amazing year of learning in Middle Years!

Course Description & Selection

The Senior Years (Grade 9-12) credit system provides flexibility to enable students to pursue Senior Years courses best suited to their individual requirements and aspirations. A student may earn one credit by undertaking and successfully completing a course of study designed for approximately 110 hours of instruction. A half-credit represents 55 hours of instruction. Manitoba Education requires that students earn a minimum of 30 credits to graduate from high school. Credits fall into two categories:

Compulsory Courses - a course for which students must receive credit (e.g. English Language Arts, Mathematics, Social Studies, Physical Education, and Science)

Optional Course – also called an elective, a course that students may choose based on their interests, abilities, values and career goals (e.g. Visual and Performing Arts, Languages, Music, Applied Technology, Information and Communication Technology, etc.). Some courses are full credit; others are half credit. Students and parents/guardians are encouraged to discuss credit requirements with their school counsellors and teachers.

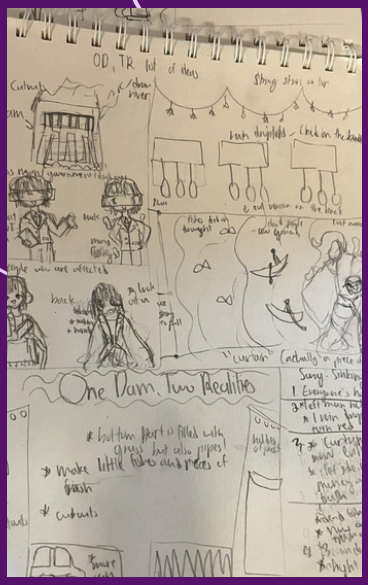
First Character	Second Character
1 - Courses developed for grade 9 2- Courses developed for grade 10 3- Courses developed for grade 11 4- Courses developed grade 12	0- Developed by Manitoba Education for 1 credit 5 - Developed by Manitoba Education for ½ credit 1 - Developed by the school or division

Third Character	
F - Foundational	Courses which are broadly based and appropriate for all students, and which may lead to further studies beyond Grade 12.
G - General	Courses which provide a general educational experience or courses that are developed by the school or division (SICs)
S - Specialized	Courses in specialized areas leading to further studies beyond the Senior Years, typically at a post-secondary institution.
E - EAL	Courses focusing on English as an Additional Language (EAL) learning goals based on assessed levels of EAL proficiency to assist the student in making the transition into regular Senior Years programming in this content area.
M - Modified	Courses whose curriculum outcomes have been modified more than 50% to take into consideration the learning requirements of students. A Curriculum Modification Plan (CMP) is required for students receiving M designated credits.

Graduation Credit Requirements

Grade 9	Grade 10	Grade 11	Grade 12
Compulsory Subject Areas 5 Credits	Compulsory Subject Areas 5 Credits	Compulsory Subject Areas 5 Credits	Compulsory Subject Areas 5 Credits
English Language Arts- 1.0 Mathematics- 1.0 Science - 1.0 Social Studies - 1.0 Physical Education - 1.0	English Language Arts- 1.0 Mathematics- 1.0 Science - 1.0 Geography - 1.0 Physical Education - 1.0	English Language Arts- 1.0 Mathematics- 1.0 Electives at either 3G or 3S - 1.0 History - 1.0 Physical Education - 1.0	English Language Arts- 1.0 Mathematics- 1.0 Electives at either 4G or 4S - 1.0 Social Studies - 1.0 Physical Education - 1.0
Optional Credits/ Volunteer Credit Opportunities- 10 Credits	10 credits from subject areas such as: - Language Arts (additional) - Mathematics (additional) - Sciences (additional) - Social Studies (additional) - Other Languages (Special Language Credit) - The Arts (Visual Arts, Music and Drama) - Life Work Plan - Technology Education (Home Economics and Industrial Arts) - Others as initiated by the school (Law, Psychology, etc.) - Volunteer SIP (1 credit only) *These are graduation requirements only, not post-secondary requirements. Students should ensure that they meet the entrance requirements of the post-secondary education (college or university), training, or career they intend to pursue.		

English Language Arts



English Language Arts

Grade 9 ELA Courses- Required

Reading is Thinking- RITR1S

The *Reading is Thinking* framework is designed to address the literacy needs of students so that they develop the necessary attitudes, knowledge, skills, and strategies to be successful in their learning across the curriculum.
They will also develop critical literacy to develop deeper understandings of a variety of texts in order to express and substantiate personal positions, solve problems, and make decisions. Emphasis will be placed on purposeful reading, thoughtful discussion, and reflective thinking as tools for learning. *Reading is Thinking* is a pass/fail course. *Reading is Thinking* is a mandatory course for grade 9s at Elmwood.

English- ENGR1F

This course will offer students a broad range of language experiences using a variety of language forms for personal, social, and academic needs. Students will engage in thematic units which include short stories, poetry, personal essay writing, a Shakespearean play, Holocaust Human Rights unit, and various projects.
Students will practice and develop the six skills of language arts: writing, listening, speaking, viewing, reading, and representing. There is both a midterm and final exam for the course accounting for 20% of the final grade.

Grade 10-12 ELA Courses

English is a compulsory course each year in high school. The English program is designed to provide the study of language and various types of text. In grade 11 and grade 12, course offerings are more specialized.

- Comprehensive English- The study of English in a broad and inclusive approach, covering essential skills like grammar, writing, reading, and media literacy. This English course has a final exam worth 20% of the final grade. At the grade 12 level, students will write the Provincial Exam. *This course has an even mix of reading and writing.*
- Transactional English- The study of English to express creativity and for practical purposes; to convey information, inspire or direct actions, persuade, or explain. This English course has a final exam worth 20% of the final grade. At the grade 12 level, students will write the Provincial Exam. *This course has more writing than reading*
- Literary English- The study of English as art; reading and commenting on writing that has elevated vocabulary, complex syntax, and intentional styling. This course will look at the history of English and how the written form has developed. This English course has a final exam worth 20% of the final grade. At the grade 12 level, students will write the Provincial Exam. *This course has more reading (and discussion) than writing.*

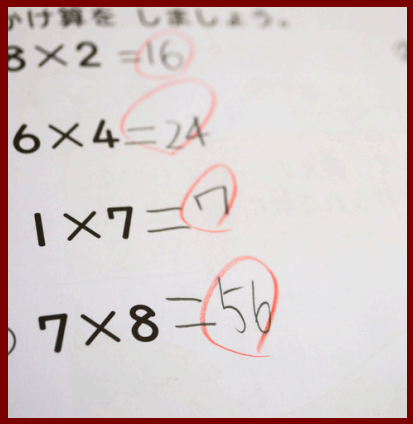
Optional English Courses

Grade 12 Academic Writing- ELAP4S

The study of English that is used in universities and scholarly publications. It aims to be clear, unbiased, concise, consistent, and well structured. Writing is characterized by precise vocabulary, logical argumentation, and evidence-based claims. This English course has a final in-class exam worth 20% of the final grade. Course content is primarily writing formal, academic style forms of text.

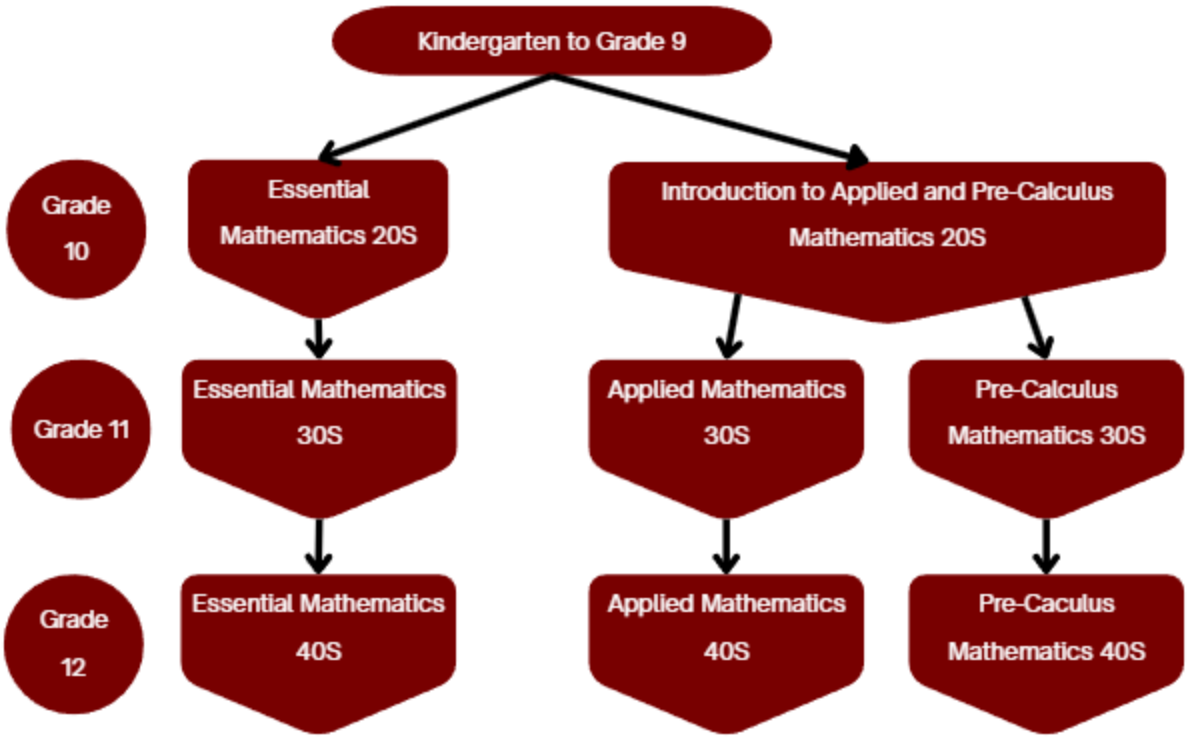
This course must be taken in conjunction with another 40S level English course. Students are encouraged to take this course in their graduating year, as a prep course for university or college.

Mathematics



Mathematics

Something about selecting math courses and universities etc



Grade 9 Math

Mathematics- MATR1F

This course develops the foundational math skills that are needed to continue studying math throughout high school. Students will focus on areas such as statistics, number sense, powers, polynomials, linear relations and geometry. Problem solving, communication, reasoning, and mental math are some of the themes that students will use when learning each unit during the year. This course includes a Final Exam which accounts for 20% of the final grade.

Grade 10-12

- ***Pre-Calculus Mathematics***- 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. Note: some university faculties require a minimum grade in the Pre-Calculus 40S course for admission.
- ***Applied Mathematics*** -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. Technology is heavily used in this class.
- ***Essential Mathematics*** -This course is designed for students who are not intending to pursue math-related studies after graduation. These courses meet the requirements for high school graduation and for general admission to most post secondary institutions. The focus of this class is to provide students with opportunities to learn real life math applications.

Course Descriptions

Course Name: Essential Mathematics 20S

Prerequisite: Mathematics 10F

Course Description:

This course focuses on consumer applications, problem solving, decision making and spatial sense. Students will be engaged in a variety of topics including personal finance, trigonometry, consumer decisions, 2-D geometry, measurement, angle construction, and analysis of games and numbers.

This course is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. This course includes a Final Exam which accounts for 20% of the final grade.

Course Name: Introduction to Applied and Pre-Calculus Mathematics 20S

Prerequisite: Mathematics 10F (A minimum grade of 70% in Mathematics 10F is strongly recommended)

Course Description:

This course is intended for students considering post-secondary studies that require a math pre-requisite. This course provides students with the mathematical understanding and critical-thinking skills that have been identified for specific post-secondary programs of study.

The topics studied form the foundation for topics to be studied in both Grade 11 Applied Mathematics and Grade 11 Pre-Calculus Mathematics. Components of the curriculum are both contexts driven and algebraic in nature. This course includes a Final Exam which accounts for 20% of the final grade.

Grade 11 Math Courses

Students must choose at least one of the following courses in order to meet the grade 11 Math requirement:

Course Name: Essential Mathematics 30S

Prerequisite: Essential Mathematics 20S or Introduction to Applied & Pre-Calculus 20S

Course Description:

In this course, students will build on the knowledge and skills gained in Essential Math 20S. Students will focus on topics in interest and credit, 3-D geometry, statistics, managing money, relations and patterns, trigonometry, and design modelling. This course will further develop an understanding of consumer applications, problem solving, decision making and spatial sense.

This course is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. This course includes a Final Exam which accounts for 20% of the final grade.

Course Name: Applied Mathematics 30S

Prerequisite: Introduction to Applied and Pre-Calculus Mathematics 20S (A minimum grade of 65% in Introduction to Applied and Pre-Calculus Mathematics 20S is strongly recommended)

Course Description:

Grade 11 Applied Mathematics is intended for students considering post-secondary studies that do not require a study of theoretical calculus. It is context driven and promotes the learning of numerical and geometrical problem-solving techniques as they relate to the world around us. It builds upon the foundation knowledge and skills from Grade 10 Introduction to Applied and Pre-Calculus Mathematics and builds a foundation for Grade 12 Applied Mathematics.

Technology is an integral part of both learning and assessment in Applied Mathematics. Graphing calculators, spreadsheets or other computer software will be used by students for mathematical explorations, modelling and problem solving. This course includes a Final Exam which accounts for 20% of the final grade.

Course Name: Pre-Calculus Mathematics 30S

Prerequisite: Applied and Pre-Calculus Mathematics 20S (A minimum grade of 60% in Introduction to Pre-Calculus Mathematics is strongly recommended)

Course Description:

Grade 11 Pre-Calculus Mathematics is designed for students who intend to study calculus and related mathematics as part of post-secondary education. It builds on the topics studied in Grade 10 Introduction to Applied and Pre-Calculus Mathematics and provides background knowledge and skills for Grade 12 Pre-Calculus Mathematics.

The course comprises a high-level study of theoretical mathematics with an emphasis on problem solving and mental mathematics. The topics include study of algebra, quadratic functions, reciprocal functions and trigonometry. This course includes a Final Exam which accounts for 20% of the final grade.

Grade 12 Math Courses

Students must choose at least one of the following courses in order to meet the grade 12 Math requirement:

Course Name: Essential Mathematics 40S

Prerequisite: Essential Mathematics 30s

Course Description:

In this course, students will build on the knowledge and skills gained while studying Essential Mathematics 30S. Students will use many of the skills that they have already learned to solve problems and do basic arithmetic operations. This course is aimed to develop the skills, ideas, and confidence that is needed to make decisions and solve problems related to consumer applications of mathematics. Students will cover units in home finance, geometry and trigonometry, business finance, probability, vehicle finance, statistics and precision measurement.

This course is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields.

This course includes a Final Exam (Provincial) which account for 20% of the final grade.

Course Name: Applied Mathematics 40S

Prerequisite: Applied Mathematics 30S (A minimum grade of 60% in Applied Mathematics 30S is strongly recommended)

Course Description:

Grade 12 Applied Mathematics 40S is intended for students considering post-secondary studies that do not require a study of theoretical Calculus. It is context driven, promotes the learning of numerical and geometrical problem-solving techniques as they relate to the world around us.

Technology is an integral part of both learning and assessment in Applied Mathematics. Graphing calculators, spreadsheets or other computer software will be used by students for mathematical explorations, modelling, and problem solving.

This course includes a Final Exam (Provincial) which account for 20% of the final grade.

Course Name: Pre-Calculus Mathematics 40S

Prerequisite: Pre-Calculus Mathematics 30S (A minimum grade of 70% in Pre-Calculus Mathematics is strongly recommended)

Course Description:

Grade 12 Pre-Calculus Mathematics 40S is designed for students who intend to study calculus and related mathematics as part of post-secondary education. It builds on the topics studied in Grade 11 Pre-Calculus Mathematics and provides background knowledge and skills for the study of calculus in post-secondary institutions.

The course comprises a high-level study of theoretical mathematics with an emphasis on problem solving and mental mathematics. The topics include study of transformations of functions, trigonometric functions, exponential functions, logarithmic functions, polynomial functions, radical functions, rational functions, and the binomial theorem.

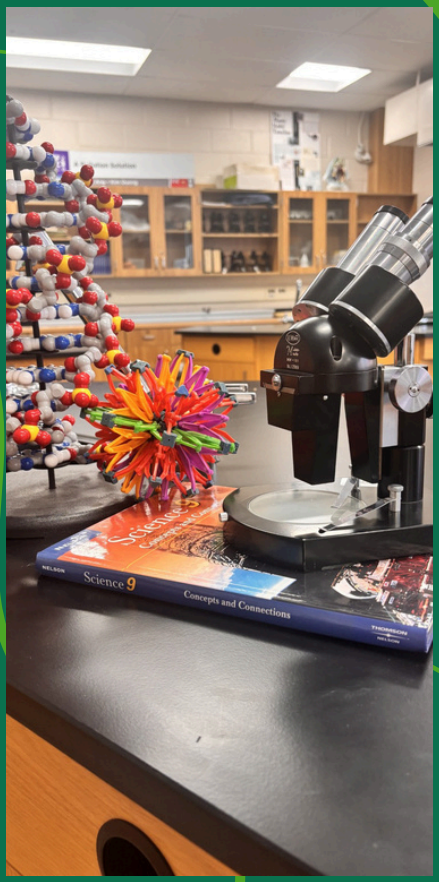
This course includes a Final Exam (Provincial) which account for 20% of the final grade.

Course Name: Intro to Calculus

Prerequisite: Taken alongside Pre-Calculus Mathematics 40S (A minimum grade of 70% in Pre-Calculus Mathematics is strongly recommended)

This full credit enrichment course may be taken concurrently with Mathematics 40S. It is NOT a substitute for a Mathematics 40S course. This course combines topics from Calculus and topics from Advanced Mathematics. Calculus topics will include Limits, Derivatives of Algebraic Functions, Implicit Differentiation, Applications of Differentiation, and Integration of Polynomial Functions. Advanced Mathematics topics will include Matrix Algebra, Polar Coordinates and Conic Sections.

Science



Science

Science courses give students the opportunity to learn how scientists work and how scientific knowledge is obtained. The inquiry approach, in which students learn through experimentation, is used to help students feel the excitement of science. Grade 9 and 10 courses are required for graduation. Science courses at the grade 11 and 12 allow students to select more specific areas of study based on their interests, aptitudes, and post-graduation goals.

Grade 9

Course Name: Science 10F

Prerequisite: None

Course Description:

General Science 10S is designed to provide students with a broad understanding of the scientific method and general concepts in science. Students will develop scientific literacy and critical thinking skills while practicing hands-on scientific techniques. Students will gain knowledge and experience studying four different scientific fields:

- Basics for all life in the unit on reproduction
- Fabric of the universe in the atoms unit
- Fundamentals of electricity that fuels our modern world
- Voyage through outer space in the astronomy unit

This course includes a Final Exam which accounts for 20% of the final grade.

Grade 10

Course Name: Science 20F

Prerequisite: Science 10F

Course Description:

Grade 10 Science covers four major areas of science: Biology, Chemistry, Physics and the Earth Sciences.

- **Biology** - Study the area of ecology, elements cycle within the ecosystem, the effects of toxins on our environment, and population dynamics.
- **Chemistry** - Investigate the periodic table of elements and their properties. Laboratory investigations will examine five different types of reactions and work with acids and bases.
- **Physics** - Study Newton's Laws of Motion and how they relate to the movement of vehicles in traffic.
- **Earth Sciences** - Investigate dynamics of weather and the conditions Worldwide.

After successful completion, students interested in pursuing post-secondary science, may choose from Biology, Chemistry or Physics at the grade 11 and 12 levels. This course includes a Final Exam which accounts for 20% of the final grade.

Grade 11

Course Name: Biology 30S

Prerequisite: Science 20F

Course Description:

This course will give students an insight into the inner workings of the human body. A general study of the human body is presented, highlighting the basic anatomy and physiology of the individual organ systems. The first section looks at the biochemistry behind the processes that make the body run. The systems of the body: digestive, transport, respiratory, excretory, nervous, endocrine, skin, muscular, and skeletal.

Classroom lecture is supported by a laboratory program that will include examinations. Evaluation is accomplished by a number of methods: presentations, dissections, peer-evaluations, self-evaluations projects, models, unit tests, quizzes (word cycle) and poster presentations.

This course includes a Final Exam which accounts for 20% of the final grade.

Course Name: Chemistry 30S

Prerequisite: Minimum 70% in Gr. 10 Science and Gr. 10 Applied/Precal Math as well as registered in Gr. 11 Precal is strongly reccomended

Course Description:

Grade 11 Chemistry is a course designed for those interested in pursuing a career related to science. Students will develop an understanding of the basic principles and concepts of Physical Science. The topics covered are:

- Elements and the Periodic Table
- Chemical Nomenclature
- The Mole, Chemical Reactions and Stoichiometry
- Gases, Kinetic Molecular Theory, Pressure, Gas Laws, Solutions
- Organic Chemistry

This course includes a Final Exam which accounts for 20% of the final grade.

Course Name: Physics 30S

Prerequisite: Science 20F or Science Enrichment 20F & Intro to Applied/Pre-Calculus 20S

Course Description:

Physics is the study of the mechanics of the universe. From the infinite expanses of space to the microscopic systems of the atoms this course takes you through the known to the unknown. If you are someone who likes to look at the world and ponder how, this course is for you. Physics 30S starts with a look at topics like Sound, Light, Gravity, Magnets, Electromagnetism, Forces and Motion. We will spend a portion of our class time using laboratory equipment and simulators. We also have a design competition in each course.

This course includes a Final Exam which accounts for 25% of the final grade.

Grade 12

Course Name: Biology 40S

Prerequisite: Science 20F

Course Description:

Grade 12 Biology is all about evolution. How did life start and how did it change over time to give us the amazing diversity that we see today.

This course starts by looking at how physical traits are passed from one generation to the next, the biochemical basis of heredity and the structure of DNA, Mechanisms of evolution are then examined, and how they have worked over thousands of generations to produce changes in species. The final section looks at the rich diversity of life on this planet, with an emphasis of how it's related to each other.

The laboratory portion of the course gives students hands-on experience using the techniques of a genetic engineering lab, and will include dissections so that they may observe both the differences and the similarities between species.

This course includes a Final Exam which accounts for 20% of the final grade.

Course Name: Chemistry 40S

Prerequisite: Chemistry 30S, Applied Mathematics 30S or Pre- Calculus 30S

Course Description:

Grade 12 Chemistry is a course designed for those interested in pursuing a career related to science. Students will develop an understanding of the basic principles and concepts of Physical Science, develop critical-thinking and problem-solving abilities, develop the skills and understand the processes of science. The topics covered are:

- The Quantum Model, Bonding and Periodicity
- Chemical Kinetics and Equilibrium
- Acids and Bases, Solubility Equilibrium
- Electrochemistry
- Students will be expected to complete a laboratory component to develop good laboratory skills and techniques

This course includes a Final Exam which accounts for 20% of the final grade.

Course Name: Physics 40S

Prerequisite: Physics 30S, Applied Mathematics 30S or Pre- Calculus 30S minimum 70% in Gr. 11 Physics and Gr. 11 Precal is recommended

Course Description:

Physics is the study of the mechanics of the universe. From the infinite expanses of space to the microscopic systems of the atoms this course takes you through the known to the unknown. If you are someone who likes to look at the world and ponder how, this course is for you. We look at Electricity, Medical Instruments, and a deeper look at the Dynamics of Forces and a breakdown of Multi-Dimensional Motion. We will spend a portion of our class time using laboratory equipment and simulators. We also have a design competition in each course.

This course includes a Final Exam which accounts for 30% of the final grade.

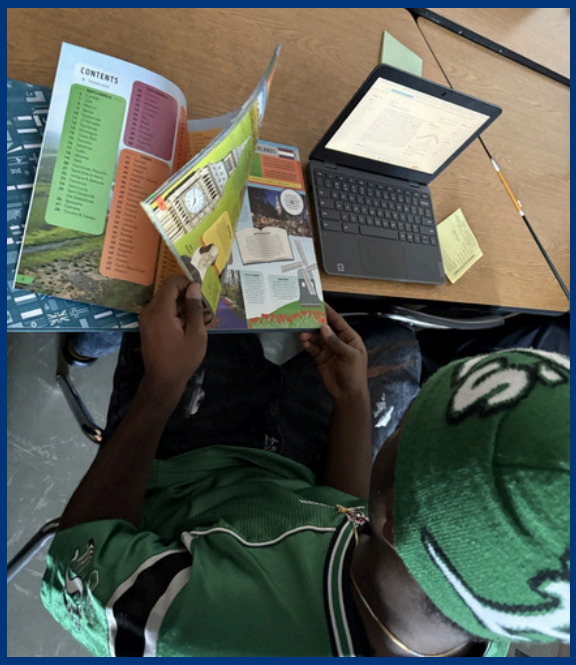
Course Name: Current Topics in Science 30S

Prerequisite: Science 20S

Course Description

Current Topics in Science is designed for students interested in pursuing science-related studies and careers as well as students wanting to develop their scientific literacy skills. Scientific literacy involves the science-related attitudes and knowledge that you need to interpret information, solve problems, make informed decisions, and achieve new understandings about how things work. The course focuses on hands-on experiences including designing and conducting experiments as well as using the design process to build prototypes in order to solve problems.

Social Sciences



Social Sciences

Social Science courses give students the opportunity to learn about human beings in their physical, social, and cultural environments, social studies examines the past and present and looks toward the future. Social studies helps students acquire the skills, knowledge, and values necessary to become active democratic citizens and contributing members of their communities, locally, nationally, and globally. Social Sciences courses at the grade 12 level allows students to select more specific areas of study based on their interests, aptitudes, and post-graduation goals. Grade 9, 10, and 11 courses are required for graduation

Grade 9

Course Name: Social Studies 10F

Prerequisite: None

Course Description:

Grade 9 students' focus on the opportunities and challenges at the core of Canada's contemporary plurality. They begin with an overview of Canada today, including its demographics, geography and political organization. They examine the evolving stories of interaction among the people of Canada and the influence of the land on the development of Canada. They explore the historical and contemporary complexities of citizenship and identity.

Students are given opportunities to explore how they may become involved in Canadian issues. Through this inquiry, they are enabled to become informed decision makers actively involved in their local, national and global communities.

This course includes a Final Project which accounts for 20% of the final grade.

Grade 10

Course Name: Geography 21st Century 20F

Prerequisite: Social Studies 10F

Course Description:

In Geographic Issues of the 21st Century, students explore the nature of geography and develop skills related to geographical thinking. Students use the methods and tools of geography, including Geographic Information Systems (GIS), to examine issues and problems and to propose solutions. They study concepts related to ownership and development of natural resources, production and distribution of food, development of industry, trade and increasing urbanization.

Students consider these issues in the context of Canada, North America and the world.

Through their study, students become aware of the importance of the environment, stewardship and sustainable development, as well as the social, political and economic implications of their personal choices.

This course includes a Final Exam which accounts for 20% of the final grade.

Grade 11

Course Name: History of Canada 30F

Prerequisite: Geography 21st Century 20F

Course Description:

This course supports citizenship as a core concept and engages students in historical inquiry. Students will focus on the history of Canada from pre-contact times to the present.

This curriculum is organized around five themes:

- First Nations
- Métis and Inuit Peoples
- French English Relations
- Identity, Diversity and Citizenship
- Governance and Economics: Canada and the World.

Grade 12

Course Name: Land and Treaties: Relationships and Responsibilities

Prerequisites: None

This course is intended to enhance learners' knowledge and understanding of all peoples' relationships and responsibilities with regards to land and Treaties as well as land agreements.

The outcomes of this course focus on historical and contemporary topics related to land and treaties that are pertinent to Indigenous and non-indigenous communities. The course addresses First Nations, Metis, and Inuit historical, political, social, and economic perspectives.

Course Name: Global Issues 40S

Prerequisite: None (History of Canada 30F is strongly recommended)

Course Description:

Students conduct inquiry into the social, political, environmental and economic impact of a variety of contemporary and emerging issues in the world. This course is based on the principles of active democratic citizenship, ecological literacy, critical media literacy, and ethical decision-making and consolidates learning across the disciplines to empower students as agents of change for a sustainable and equitable future. A component of the course is the planning and implementation of a community-based, action-research project.

Course Name: Law 40S

Prerequisite: None (History of Canada 30F is strongly recommended)

Course Description:

The study of Law promotes the development of critical thinking and problem-solving skills, while engaging students in conversations about important philosophical and ethical issues. This introductory course provides an overview of the sources of Canadian Law, Alternative Justice Models, the Judicial System, Trial Procedure, and the Charter of Rights and Freedoms. Topics include: Criminal Law, Civil Law, and Family Law.

Major emphasis is placed on the application of textbook information to real life situations rather than the memorization of specific statutes.

Course Name: Psychology 40S

Prerequisite: None (History of Canada 30F is strongly recommended)

Course Description:

Psychology is the scientific study of behavior and mental processes. It uses the scientific method to discover ways of understanding the complexities of human thought and behavior, as well as differences among people.

This course exposes students to the major topics found in the field of psychology. It also emphasizes the issues that are of direct interest and relevance to students completing high school.

Physical Education

Physical Education

Students are required to complete a Physical Education credit for each grade level.

Course Name: Physical and Health Education 10F

Prerequisite: None

Course Description:

Students in grade 9 will be given a numeric grade based on how well they meet the Learning Outcomes. The aim of our program is to provide students with planned and balanced programming to develop the knowledge, skills and attitudes for physically active and healthy lifestyles.

Course Name: Physical and Health Education 20F

Prerequisite: Physical and Health Education 10F

Course Description:

This is a full-credit COMPULSORY course necessary for graduation. Students in grade 10 will be given a numeric grade based on how well they meet the Learning Outcomes. The aim of our program is to provide students with planned and balanced programming to develop the knowledge, skills and attitudes for physically active and healthy lifestyles.

Course Name: Physical and Health Education 30F

Prerequisite: Physical and Health Education 20F

Course Description:

This is a COMPULSORY course necessary for graduation.

At Elmwood High School, we are incorporating the 75/25 model. The core component is the “in class” material and constitutes 25% of the course. The physical activity practicum is 50% of the course, which requires the student to participate in a total of 85 hours of physical activity, 55 hours where your heart rate needs to be in the moderate to vigorous heart rate zone. The **flex component** completes the final 25% of the course.

Course Name: Physical and Health Education 40F

Prerequisite: Physical and Health Education 30F

Course Description:

This is a COMPULSORY course necessary for graduation.

At Elmwood High School, we are incorporating the 75/25 model. The core component is the "in class" material and constitutes 25% of the course. The physical activity practicum is 50% of the course, which requires the student to participate in a total of 85 hours of physical activity, 55 hours where your heart rate needs to be in the moderate to vigorous heart rate zone. The **flex component** completes the final 25% of the course.

Optional Physical Education Courses

This program consists of three courses: Intro to Kinesiology 21G, Intro to Kinesiology 31G, and Intro to Kinesiology 41G and is an extension of the regular physical education programing.

The Elmwood Enriched Physical Education course aims to enable student athletes to achieve their full potential and find themselves within the social role(s) of student athlete, coach, athletic trainer, personal trainer, statistician, or official. Students will be given the opportunity to enhance their own personal and technological skills in specific sports and sport training, while also being given a holistic view of sports and athletic development.

This course includes a final exam worth 30% of the final grade.

Entrance into this pathway requires students to complete an application, please contact the physical education department if you have any questions.

Visual and Performing Arts

Visual and Performing Arts

Visual Arts

Course Name: Visual Arts 15S

Prerequisite: None

Course Description:

This course has a student-centered approach. It focuses on ideas related to the students themselves and their environment. Students will have a chance to work with a variety of media and techniques, exploring and building their skills.

Course Name: Visual Arts 20S

Prerequisite: None (Visual Arts 15S is strongly recommended)

Course Description:

This course continues skill development, particularly in drawing and painting. We will study colour theory and the principles of art to support art making and art appreciation. Media will include drawing, painting, and various sculptural materials. Students will keep a sketchbook/idea journal.

Course Name: Visual Arts 30S

Prerequisite: None (Visual Arts 20S is strongly recommended)

Course Description:

This is a continuation of 20S, with introductions to some new media including stop-motion animation and working with found objects and sculpture.

Course requirements include working with a variety of media, keeping a sketchbook and major studio projects. Understanding and use of the principles of art will be expected in student work.

Course Name: Visual Arts 40S

Prerequisite: None (Visual Arts 30S is strongly recommended)

Course Description:

Course requirements include working with a variety of media, keeping a sketchbook/idea journal, researching ideas and techniques, gallery visits and written reflections, guest artist workshops and major studio projects.

Students are expected to experiment with new media and explore art history in more depth. Understanding and use of the principles of art will be expected in student work. Students in grade 12 will develop portfolios suitable for use in applying to University or College Art programs. Students will be working more independently than in 30S.

Course Name: Concert Band 10S

Prerequisite: Grade 8 Band or previous private instruction on a wind, percussion or keyboard instrument

Course Description:

Course involves developing technical skills on a wind or percussion instrument through private practice, small group and large group rehearsals. Students will develop an understanding of different musical styles and a knowledge of theory appropriate to the grade level. **Performance and home practice is an expectation of this course.**

Course Name: Concert Band 20S

Prerequisite: Concert Band 10S or previous private instruction on a wind, percussion or keyboard instrument

Course Description:

Course involves developing technical skills on a wind or percussion instrument through private practice, small group and large group rehearsals. Students will develop an understanding of different musical styles and a knowledge of theory appropriate to the grade level. **Performance and home practice is an expectation of this course**.

Course Name: Concert Band 30S

Prerequisite: Concert Band 20S or previous private instruction on a wind, percussion or keyboard instrument

Course Description:

Course involves developing technical skills on a wind or percussion instrument through private practice, small group and large group rehearsals. Students will develop an understanding of different musical styles and a knowledge of theory appropriate to the grade level. **Performance and home practice is an expectation of this course**.

Course Name: Concert Band 40S

Prerequisite: Concert Band 30S or previous private instruction on a wind, percussion or keyboard instrument

Course Description:

Course involves developing technical skills on a wind or percussion instrument through private practice, small group and large group rehearsals. Students will develop an understanding of different musical styles and a knowledge of theory appropriate to the grade level. **Performance and home practice is an expectation of this course**.

Course Name: Guitar 20S, 30S, 40S

Prerequisite: None

Course Description:

This is a student directed class where students explore the fundamentals of music through their school supplied guitar. A perfect place to come and learn even if you have never touched a guitar or if you are the next Jimi Hendrix.

Course Name: Jazz Band 10S, 20S,30S, 40S

Prerequisite: Enrolled in the concert band in congruence with this course

Course Description: *Offered in non-school time*

Performance and understanding of different jazz styles with emphasis on improvisation. Technical and theoretical skills advancing with each grade level.

Performance and home practice is an expectation of this course.

Course Name: Piano Intro 20S, 30S, 40S

Prerequisite: None

Course Description:

This is a student directed class where students explore the basics of music through the piano.

No home practice is required. A great place to be introduced to the basics of piano.

Course Name: Concert Choir 20S,30S,40S

Prerequisite: None

Course Description:

This is a course where the students will explore all genres of music through study and performance. Basic theory, history and music appreciation are some of the topics covered, as well as concert material preparation.

Performance is an expectation of the class.

Course Name: Dance 20S, 30S, 40S

Prerequisite: None

Course Description:

This course focuses on exploring the physicality and artistry behind dance through technique classes. Various styles of dance will be explored, including jazz, hip hop and lyrical. Opportunities for viewing and creating choreography will be integrated throughout the year. Students will focus on extending their individual technique, integrating movement fluidly and developing dynamic performances.

Course Name: Drama 20S/30S/40S

Prerequisite: None

Course Description:

This Drama course is based on the Manitoba Arts Curriculum. At this level, students are expected to return to skills taught for each of the four “wings” of the curriculum. The result will be an ever-increasing maturity of dramatic skills, knowledge of drama culture, and audience and participant etiquette. This course continues to refine these skills and builds upon them by emphasizing how they culminate in a finished product.

This course emphasizes mutual respect, promptness and group responsibility through the use of improvisational techniques, scene/play analysis, and group/individual rehearsal process.

As part of the class, students are expected to perform for peers, for the school and in the community.

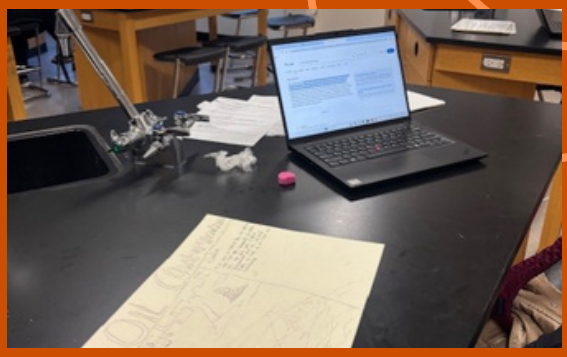
Course Name: Performing Arts 15S/20S/30S/40S

Prerequisites: None

Course Description:

This course introduces students to the foundational skills of performance in theatre, dance, and music. Through drama activities, choral work, basic choreography, mime, and improvisation, students will develop technique, creativity, collaboration skills, and performance confidence. Emphasis is placed on having fun while learning to work cooperatively with peers to achieve shared artistic goals. Students will engage in practical work, rehearsals, and continuous in-class performances to strengthen stage presence and public speaking skills. The skills developed in this course are designed to support students in their future artistic and academic endeavors.

Business and Information Technology



Business and Information Technology

Course Name: Digital Films

Prerequisite: None

Course Description:

This course is offered in conjunction with Digital Pictures and must be taken together.

In the course students will learn the basics of digital filmmaking and editing. Through a series of projects students will learn various techniques for proper lighting, using a green screen, adding digital effects, how to edit and finalize films, and software such as Windows Movie Maker and Adobe Premiere.

Course Name: Digital Pictures 25S

Prerequisite: None

Course Description:

This course is offered in conjunction with Digital Film and must be taken together. In this course students will use digital photography to create a portfolio of original images. Students will learn how to use more advanced settings on a camera (such as aperture, ISO, and shutter speed) to create original images. Students will also learn techniques for editing images in programs like Paint.net and Adobe Photoshop.

It is expected that students be available periodically to photograph and document school events (sporting events, spirit week, etc.)

Course Name: Web Design 35S

Prerequisite: None

Course Description:

The purpose of this course is to provide students with the skills and knowledge to design, develop, and publish a simple website. Students will learn about copyright law and the need for established practices when creating websites. They will develop a visual prototype for a website and design a navigation plan for the website.

Using this information they will create a website with multiple pages, formatting, content objects and navigation. Prior knowledge of basic coding and word processing is suggested but not mandatory.

Course Name: Broadcast Media 35S

Prerequisite: None

Course Description:

This is a project based, non-slotted course, so students must be self-motivated to come in and work on their spares and free time. Students in this course will learn the basics of broadcast production including recording sound files, using sound effects, using video effects and creating their own production or media files. Students will be expected to create their own media projects based on their interests and expertise. Students should have prior knowledge of basic audio and film editing before taking this course.

Course Name: Interactive Media 35S

Prerequisite: None

Course Description:

This is a project based, non-slotted course so students must be self-motivated to come in and work on their spares and free time. The purpose of the course is to provide students with the skills and knowledge to create interactive media products that combine video, audio, and interactive components. Prior to taking the course, students should have skills in creating audio and video and an understanding of the media production process. Students will plan, develop, and publish interactive media following established standards and using a variety of tools and software.

Course Name: Desktop Publishing 35S

Prerequisite: None

Course Description:

The purpose of the course is to provide students with the skills and knowledge to plan and create a variety of published print documents. Topics include planning and producing printed documents based on industry standards including: brochures, flyers, media inserts, posters, etc.), using appropriate language and tone for different audiences and accepting critiques of documents and making changes based on those critiques. Previous knowledge of word processing programs is encouraged but not mandatory.

Course Name: Information & Communication Technology A – 1F

Prerequisite: None

Course Description:

Information Communication Technology A is designed to give students the necessary knowledge, skills, and attitude to effectively and safely use computers in our modern, interconnected age. Topics include using graphic organizers and spreadsheets to organize information, analyzing media sources, solving problems related to digital information, basic computer coding, internet safety, copyright law, and website creation.

Course Name: Computer Science 20S

Prerequisite: None (Grade 9 Math credit, with at least 70% is strongly recommended)

Course Description:

Welcome to the realm of Computer Science. It is the study of how to make computers perform tasks for us. From text messaging to 3D modeling, computers use simple concepts to perform complex tasks. We look at computers from a creators perspective, delving into the mechanics and ethics involved. In Computer Science 20S we study the basics of making computers do what we want them to do. Students will learn how computers perform their functions. They will be setting up simple programs and developing their own framework for programming. We will also look at the history of the computer and how current technology owes its creation to the old.

Course Name: Computer Science 30S

Prerequisite: Grade 10 Computer Science, or teacher approval

Course Description:

Computer Science 30S continues from 20S with a look at some more complex structures for programs. We start to dabble in other programming languages and look at the basics of object-oriented coding.

We will also start our exploration on programming models for different games and using graphics in our programs.

Course Name: Computer Science 40S

Prerequisite: Grade 11 Computer Science, or teacher approval

Course Description:

Computer Science 40S continues with more advanced structures in programming. We will look at binary trees, linked lists, queues and other data sets. We will be cultivating a large framework for future programs. Time permitting, we will also look at the basics of "App" programming for mobile devices.

Course Name: Lifeworks

Prerequisite: None

Course Description:

This introductory course provides students with an overview of career development skills with an emphasis on building postive self esteem, exploring self-assessment, locating work information, and reflecting upon course and program choices. In this program, students will explore a wide range of occupations, focusing on the effect of educational and career goals on lifestyle. We will learn through guest speakers, in-class discussions and online resources.

Other Credit Options

Cultural Exploration:

Students can gain valuable educational experience by enhancing their knowledge of their own cultural origins or a cultural group that interests them through interaction with community members such as Elders and members of cultural organizations, or Elmwood's Indigenous Grad Coach. The skills, knowledge and attitudes obtained from such activities can increase a student's self-esteem and maturity, strengthen cultural identity and/or provide greater intercultural understanding and an appreciation of cultural diversity. One credit may be available to a student who participates in such activity in their high school years for graduation purposes and does not require departmental registration. You must complete a minimum of 110 hours for a full credit or 55 hours for a half credit, and you cannot be paid for these hours. Cultural activities at or through the school can be counted toward the required total.

Special Language Credits:

This credit option provides for the recognition of Manitoba's linguistic diversity. Students proficient in languages other than English or French are eligible to obtain up to 4 credits. (Only 1 special language credit may be earned at each of the high school grades.) Student marks can be reported as a percentage mark, however "S" for "Standing" may be used for granting additional/prior credit(s). Students have two opportunities per year to write a Special Language

Exam, once in the fall and once in the spring.

Volunteer Credit:

Students may earn one credit for unpaid volunteer work to be applied towards the 30 credits for graduation. There is paperwork to fill out before, during and after. You must complete a minimum of 110 hour for a full credit or 55 hours for a half credit and you cannot be paid for your volunteer hours. The pace is self-directed, and you can begin in Grade 9 or 10 and continue right until Grade 12. You can finish the credit as quickly as you want.

Elmwood Supply Company

The Elmwood Supply company is more than just a program, it's a launchpad for your future. If you're a student with a spark of creativity and a desire to make a real impact, this is your chance. Imagine designing your own clothing line, creating digital content, collaborating with local businesses, and seeing your ideas come to life! The ESC gives you the tools and experience to turn your passions into a thriving business, all while making a difference in your community. Students have the opportunity to earn up to 12 credits while participating.

Applied technology page here!!

Applied Technology

Course Name: Electronics 15G

Prerequisite: None

Course Description:

Students who chose to take this course will cover a variety of topics in electronics such as safety in an electronics lab, component identification, creating printed circuit boards and basic electrical laws. Students in this course will also be introduced to basic Computer Aided Manufacturing (CAM) and Computer Aided Design (CAD) programs in the creation of 3D models. This is a half credit course that is broken down into 8% of the course being practical based work in the lab with the other 20% of students grades being composed of safety and theory based work.

Course Name: Electronics 20G

Prerequisite: None

Course Description:

In this course students will explore a variety of topics in relation to electronics including, safety, component identification, creating printed circuit boards, reading schematics. Students In this course will also gain experience with more advanced forms of Computer Aided Manufacturing (CAM) and Computer Aided Design (CAD) programs in the creation of 3D models for 3D printing. This is a full credit course that is broken down into 80% of the course being practical based work in the lab with the other 20% of the grades being composed of safety and theory-based work.

Course Name: Electronics 30G

Prerequisite: None

Course Description:

In this course students will explore a variety of topics in relation to electronics including, safety, component identification, creating printed circuit boards, reading schematics. Students In this course will also gain experience with more advanced forms of Computer Aided Manufacturing (CAM) and Computer Aided Design (CAD) programs in the creation of 3D models for 3D printing. This is a full credit course that is broken down into 80% of the course being practical based work in the lab with the other 20% of the grades being composed of safety and theory-based work.

Course Name: Electronics 40G

Prerequisite: None

Course Description:

In this course students will explore a variety of topics in relation to electronics including, safety, component identification, creating printed circuit boards, reading schematics. Students In this course will also gain experience with more advanced forms of Computer Aided Manufacturing (CAM) and Computer Aided Design (CAD) programs in the creation of 3D models for 3D printing. This is a full credit course that is broken down into 80% of the course being practical based work in the lab with the other 20% of the grades being composed of safety and theory-based work.

Course Name: Family Studies 20S

Prerequisite: None

Course Description:

Students will explore the life of toddlers to school aged children through hands-on practicum experiences in early childcare centers, elementary schools and middle year's schools.

Students will understand the stresses and responses of stress and how to manage it: understand the importance of role models: understand our basic human need and financial well-being: understand values, goals and decision making theory: understand the effects of positive and negative self-concept/self-esteem: examine a variety of careers in Family Studies: identify and describe the physical needs and growth of an infant and toddler: identify and describe the intellectual, social and emotional needs and growth of an infant and toddler: discuss the different threats to healthy development and their impacts on an infant and toddler

Course Name: Family Studies 30S

Prerequisite: None

Course Description:

Students will explore the life of toddlers to school aged children through hands-on practicum experiences in early childcare centers, elementary schools and middle year's schools.

Students will understand the stresses and responses of stress and how to manage it: understand the importance of role models: understand our basic human need and financial well-being: understand values, goals and decision making theory: understand the effects of positive and negative self-concept/self-esteem: examine a variety of careers in Family Studies: identify and describe the physical needs and growth of a child and teenager: identify and describe the intellectual, social and emotional needs and growth of a child and teenager: discuss the different threats to healthy development and their impacts on a child and teenager

Course Name: Family Studies 40S

Prerequisite: None

Course Description:

Students will explore the life of toddlers to school aged children through hands-on practicum experiences in early childcare centers, elementary schools and middle year's schools.

Students will understand the stresses and responses of stress and how to manage it: understand the importance of role models: understand our basic human need and financial well-being: understand values, goals and decision making theory: understand the effects of positive and negative self-concept/self-esteem: examine a variety of careers in Family Studies: identify and describe the physical needs and growth of a relationships in adulthood: identify and describe the intellectual, social and emotional needs and growth of an adult and the need for relationships as one ages: discuss the different threats to healthy development and their impacts on an adult in a variety of life stages.

Course Name: Food & Nutrition 15S

Prerequisite: None

Course Description:

Grade 9 Food and Nutrition focuses on the individual and the relationship and influences that affect food choices. Students will examine the fundamentals of nutrition and learn how to apply the information to their lives. This course provides opportunities for students to develop safe food handling and food preparation skills in a practical setting. Students are assed based on both practical and theoretical portions of the class.

Course Name: Food & Nutrition 20S

Prerequisite: None

Course Description:

Grade 10 Food and Nutrition focuses on the individual and the relationship and influences that marketing and media have on family food choices. Students will gain a strong understanding of the categories of nutrients, why our bodies need them, and what foods are consumed for health and wellbeing. Students also explore various cultural foods and their preparation. This course provides opportunities for students to further develop food preparation skills in a practical setting. Students are assessed based on practical and theoretical portions of the class.

Course Name: Food & Nutrition 30S

Prerequisite: None

Course Description:

Grade 11 and 12 Food and Nutrition focuses on the exploration of sustainable and ethical practices within food production and access. Students will examine food security and barriers that exist to achieve food security for all people. Students will investigate solutions to local and global food accessibility. Students will also have opportunity to explore potential careers fields in the area of human ecology. This course will provide the opportunity for students to apply food preparation skills in a practical setting. Students are assessed based on practical and theoretical portions of the class.

Course Name: Food & Nutrition 40S

Prerequisite: None

Course Description:

Grade 11 and 12 Food and Nutrition focuses on the exploration of sustainable and ethical practices within food production and access. Students will examine food security and barriers that exist to achieve food security for all people. Students will investigate solutions to local and global food accessibility. Students will also have opportunity to explore potential careers fields in the area of human ecology. This course will provide the opportunity for students to apply food preparation skills in a practical setting. Students are assessed based on practical and theoretical portions of the class.

Course Name: Graphic Communications 15G

Prerequisite: None

Course Description:

In Graphic Communications 15G, students will explore various learning outcomes in both hands on and Technology based project work. Students will be introduced to single action airbrushes, and various design programs including Inkscape, Corel Draw, and more. Students will also be introduced to various printing methods including laser cutting, vinyl printing, and decal printing.

The course marking criteria is broken down to 80% completed project work/take home assignments and 20% various professional qualities demonstrated by students such as proper use of class time, safe working, tardiness, etc. there are no exams for this course. A 1/2 credit is granted at the end of the semester for this course.

Graphics Communications 20G

Prerequisites: None (Graphics Communications 15G recommended)

Course Description:

In Graphic Communications 20G, students will continue to explore various learning outcomes in both hands on and Technology based project work. Students will be working more in depth with single action airbrushes, and various design programs including Inkscape, Corel Draw, and more. Students will be working with various printing capabilities such as vinyl printing and laser cutting. Students will also be introduced to career-based discussions that are designed to have them thinking about their potential futures in the world of trades. Students will be looking at the 9 essential skills in the course with assignment work and class discussions to reflect on what the professional world looks like outside of school.

The course marking criteria is broken down to 80% completed project work/take home assignments and 20% various professional qualities demonstrated by students such as proper use of class time, safe working, tardiness, etc. there are no exams for this course.

Graphic Communications 30G

Pre-requisite: none (Graphic Communications 20G recommended)

Course Description:

In Graphic Communications 30G, students will continue to work through more advanced various learning outcomes in both hands on and Technology based project work. Students are given more freedom to choose custom projects as well given the ability to try new and innovative social media-based assignment work. Complex single action airbrush work, laser cutting, photography and various design programs including Inkscape, Corel Draw are main pillars in this course. Students will also be working and discussing the trades, the 9 essential skills, and opportunities for post secondary education.

The course marking criteria is broken down to 80% completed project work/take home assignments and 20% various professional qualities demonstrated by students such as proper use of class time, safe working, attendance, etc. The course will have a final project in lieu of the exam.

Graphic Communications 40S

Pre-Requisite: None (Graphic Communications 30s strongly recommended)

Course Description:

In Graphic Communications 40G, students will continue to work through more advanced various learning outcomes in both hands on and Technology based project work. Students are given full freedom to choose custom projects as well given the ability to try new and innovative social media-based assignment work. Complex single action airbrush work, laser cutting, embroidery, photography and various design programs including Inkscape, Corel Draw are main pillars in this course. Students will also be working and discussing the trades, the 9 essential skills, and opportunities for post secondary education.

The course marking criteria is broken down to 80% completed project work/take home assignments and 20% various professional qualities demonstrated by students such as proper use of class time, safe working, tardiness, etc. there are no exams for this course.

Course Name: Metalwork 20G, 30G, 40G

Prerequisite: None

Course Description:

In this course students will explore various topics such as Safe work practices, lost wax casting, jewelry making, MIG welding, and other metal working procedures. Students who take this course will also have the opportunity with guidance to plan, design and develop a metals project of their choice that utilizes the various skills they have developed. This is a full credit course that is broken down into 80% of the course being practical based work in the lab with the other 20% of the grades being composed of safety and theory based work.

Course Name: Power Mechanics 15G

Prerequisite: None

Course Description:

In this course students will be introduced to the parts and basic operation of an internal combustion engine. Students in this course will also review how to conduct basic maintenance on lawn mowers and a variety of other power products containing small engines. This is a half credit course that is broken down into 80% of the course being practical based work in the lab with the other 20% of students grades being composed of safety and theory based work.

Course Name: Power Mechanics 20G, 30G, 40G

Prerequisite: None

Course Description:

In these courses students will become more familiarized with the various systems that work together in order for various forms of transportation to work effectively. Students in this course will continue to develop a deeper understanding of how modern internal combustion engines work, along with how the power they create is utilized. This course is designed to introduce students to basic automotive care and maintenance along with the various tools needed to complete a wide variety of procedures. This is a full credit course that is broken down into 80% of the course being practical based work in the lab with the other 20% of the grades being composed of safety and theory based work.

Course Name: Textile Arts & Design 15S

Prerequisite: None

Course Description:

Students will learn and understand the knowledge and skills to create and construct a textile sewing project while demonstrating proper and safe use of machines and equipment.

Students will be introduced to the environmental impact of textiles on the environment: Develop literacy and numeracy as they relate to clothing and textiles: Demonstrate an understanding of relationships and influences in clothing: To explore career options in Clothing and Textiles.

Course Name: Textile Arts & Design 20S

Prerequisite: None

Course Description:

Students will learn and understand the knowledge and skills to create and construct a textile sewing project while demonstrating proper and safe use of machines and equipment. Students will be responsible for the construction of a variety of sewing projects.

Develop literacy and numeracy as they relate to clothing and textiles: Develop an understanding of the elements and principles of design: Develop an understanding of global citizenship and sustainability: related to clothing and textiles: Demonstrate an understanding of relationships and influences of clothing: Explore career options in Clothing and Textiles

Course Name: Textile Arts & Design 30S

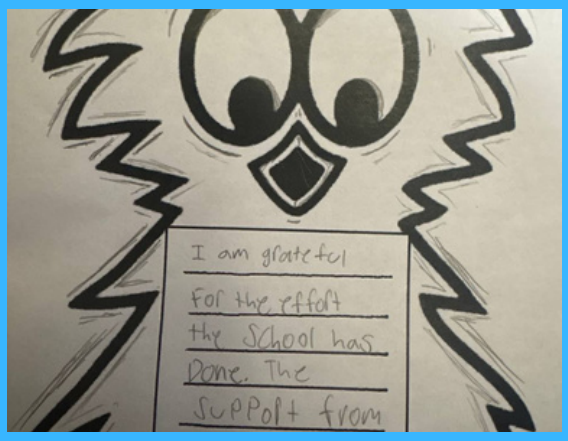
Prerequisite: None

Course Description:

Students will learn and understand the knowledge and skills to create and construct a textile sewing project while demonstrating proper and safe use of machines and equipment. Students will be responsible for the construction of a variety of sewing projects.

Develop literacy and numeracy as they relate to clothing and textiles: Develop an understanding of the elements and principles of design: Develop an understanding of global citizenship and sustainability: related to clothing and textiles: Develop an understanding of the evolution of fashion and the creators of Canadian fashion: Explore career options in Clothing and Textiles

English as a Additional Language



English as an Additional Language Programming

Literacy Centre (LAL Program)

Elmwood High School is enrolling an increasing number of students who come from war affected countries or from refugee camps. As a result, these students may have disrupted schooling.

To enhance their literacy skills, academic learning, and English language skills, we have created a Literacy, Academics, and Language (LAL) Centre or The Literacy Centre. The Literacy Centre at Elmwood offers specialized programming that helps students transition into the regular classroom. In our Literacy Centre, we offer intensive supports in English language learning, familiarization with living in Canadian society, and pathways for educational and career planning.

EAL Literacy (LS1R1F, LS2R2F, LS3R3F)

The purpose of this course is for students to gain the knowledge, skills, strategies, and attitudes needed to become proficient in the use of the English language for social and academic purposes and to become interculturally competent citizens. The course is intended for high beginners and low intermediate level students learning English and emphasizes academic rigour that bridges to content-area classroom demands. Students will continue to acquire practical and language skills in the areas of reading, writing, speaking, listening, viewing and representing.