

ELMWOOD HIGH SCHOOL  
COURSE HANDBOOK

2025-2026



PRIDE, PLACE, PURPOSE

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# Graduation Credit Requirements

## Senior Years

Minimum 30 Credits

### Grade 9

*Compulsory Subject Areas (5 credits)*

Language Arts (English)	1
Mathematics	1
Science	1
Social Studies	1
Physical Education	1

### Grade 10

*Compulsory Subject Areas* *5 credits*

Language Arts (English)	1
Mathematics	1
Science	1
Geography	1
Physical Education	1

### Grade 11

*Compulsory Subject Areas* *5 credits*

Language Arts (English Comp.)	1
Mathematics	1
History	1
Physical Education	1
Electives at 3G or 3S	1

### Grade 12

*Compulsory Subject Areas* *5 Credits*

Language Arts (English Comp.)	1
Mathematics	1
Physical Education	1
Electives at 4G or 4S	2

**Total 20 + 10 = 30**

### Optional Credits/Volunteer Opportunities

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.***

## PRINCIPAL'S MESSAGE

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 and experiences ahead. Within these pages, you will find detailed information to help you navigate our curriculum and make informed choices about your education.

At Elmwood High School, we believe that education is not only about acquiring knowledge but also about finding your place in the world and developing the skills needed to thrive in an ever-changing society. Our vision is to create a learning environment where every student feels valued, supported, and empowered to pursue their passions. Above all, we are committed to ensuring that our school is a safe space for all—physically, emotionally, and intellectually. We believe that safety is the foundation upon which a strong and thriving school community is built, and we take great pride in providing an environment where everyone feels secure and respected.

We are a community that values diversity, promotes inclusion, and encourages respect and collaboration. Our goal is to create a space where all students can grow, learn, and express themselves, knowing they are supported by their peers, educators, and families.

Our commitment extends beyond academics to providing authentic learning experiences that challenge students to think critically, reflect deeply, and grow both intellectually and personally. Whether through hands-on projects, collaborative group work, or independent inquiry, we aim to inspire a love of learning that extends beyond the classroom. In doing so, we hope to nurture curiosity, creativity, and a lifelong passion for discovery.

We encourage each of you to take an active role in your educational journey. Self-reflection is key to understanding your strengths and areas for growth, and we are here to help guide you every step of the way. As a school community, we value the feedback from both students and families, knowing that open communication is vital to creating an environment where everyone can thrive. Together, we will continue to celebrate our shared successes and learn from our challenges.

As you explore the courses available, I encourage you to take advantage of the wide variety of opportunities to challenge yourself, discover new interests, and develop the skills needed to contribute meaningfully to the world around you. Your time at Elmwood High School is not just about academic achievement—it's about personal growth, building relationships, and developing the confidence to pursue your dreams.

Thank you for being an integral part of our school community. We take great pride in the diverse talents, perspectives, and passions that each of you brings to our shared experience. Let's make this year a memorable one filled with learning, growth, and a renewed sense of purpose—all within a safe, supportive, and inclusive environment.

Ms. Amie Johnston

# ENGLISH LANGUAGE ARTS

The general learning outcomes of grade 9-12 English Language Arts:

- Explore thoughts, ideas, feelings and experiences
- Comprehend and respond personally and critically to oral, literary and media sources
- Manage ideas and information
- Enhance the clarity and artistry of communication
- Celebrate and build community

## Elmwood Compulsory English Courses

Course Name	Course Code
English 10F	ENGR1F
English 20F	ENGR2F
English Comp. 30S	ENGC3S
English Comp. 40S	ENGC4S
Optional- English Transactional 40S	ENGT4S

# English Language Arts COURSES AND DESCRIPTION

## **Course Name: English 10F**

*Prerequisite: None*

### **Course Description:**

This course will offer students a broad range of language experiences using a variety of language forms for personal, social, and academic needs. A major emphasis on inquiry and critical thinking will be used to foster reflective learners.

Students will engage in thematic units which include short stories, poetry, personal and formal essay writing, a Shakespearean play, Holocaust Human Rights unit, novels, and various projects.

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

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## **Course Name: English 20F**

*Prerequisite: English 10F*

### **Course Description:**

This course is intended to foster a greater awareness of the relationships between language, audience, and purpose in various contexts.

Students will engage in thematic units which may include short stories, poetry, newspaper and magazine articles, novels, a Shakespearean play, Indigenous Human Rights unit, personal and formal essay writing, and various projects.

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

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## **Course Name: English Comprehensive 30S**

*Prerequisite: English 20F*

### **Course Description:**

This course is intended to provide a balance of literary and transactional materials.

Students will engage in thematic units which may include memoirs, short stories, poetry, speeches, newspaper and magazine articles, visual literacy, scripts, novels and a Shakespearean Play.

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

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## **Course Name: English Comprehensive 40S**

*Prerequisite: English Comprehensive 30S*

### **Course Description:**

Students will engage in thematic units which include short stories, poetry, magazine and newspaper articles, speeches, novels, business correspondence, etc.

Students will develop a quality Career Portfolio and successfully complete an exit interview as part of this course.

This course includes a Provincial Standards Assessment which accounts for 20% of the final grade.

### **NOTE:**

At Elmwood, this is the **MANDATORY** grade 12 English credit.

Students may graduate with **English Comprehensive 40S** as their grade 12 ELA credit. However, students should check entrance requirements for Red River College or Universities to determine if a second grade 12 ELA credit is required.

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**Course Name: English Transactional 40S**

*Prerequisite: English Comprehensive 30S*

**Course Description:**

This course prepares students for the challenges of their post-secondary studies.

Students will apply their knowledge of writing and researching skills for practical, professional, and/or intellectual purposes. Assignments are geared to simulate the real-world writing of the workplace. Assignments may include interpreting information into memos, reports, proposals, a research paper and other major projects.

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

**NOTE:**

A high level of academia is expected from students choosing this elective.

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## ENGLISH AS AN ADDITIONAL LANGUAGE AND LITERACY, ACADEMICS, AND 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.*

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**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 functional language skills in the areas of reading, writing, speaking, listening, viewing and representing.

# MATHEMATICS

## Pathways:

### Pre-Calculus Mathematics

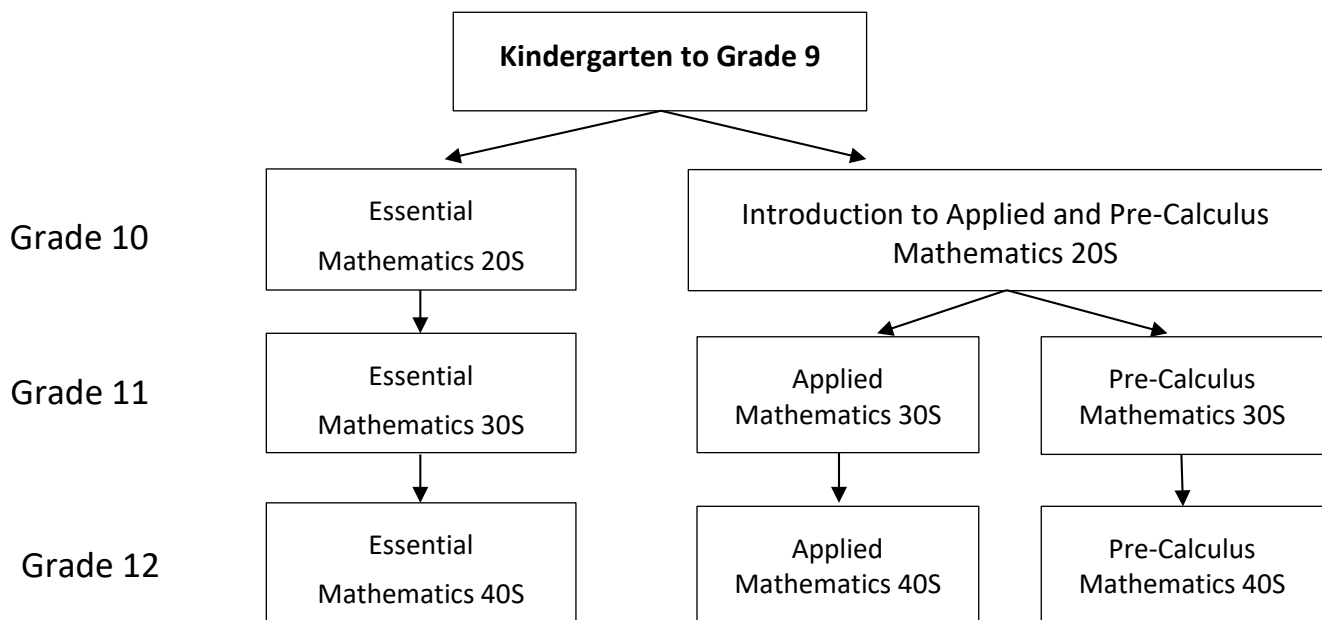
This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Note some faculties require a minimum grade in the Pre-Calculus 40S course for admission.

### 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.





## Elmwood Math Courses

Course Name	Course Code	Couse Name	Course Code
Mathematics 10F	MATR1F	Pre-Calculus Mathematics 30s	PCMR3S
Essential Mathematics 20S	ESMR2S	Essential Mathematics 40S	ESMR4S
Intro to Applied Math & Pre-Cal 20S	IAPR2S	Applied Mathematics 40S	APMR4S
Essential Mathematics 30S	ESMR3S	Pre-Calculus Mathematics 40S	PCMR4S
Applied Mathematics 30S	APMR3S	Calculus 45S/Advanced Math 45S	CALR4S/ADMR4S

**Note: Student must choose at least one of the Grade level Math Courses**

## MATHEMATICS COURSES AND DESCRIPTION

### **Course Name: Mathematics 10F**

*Prerequisite: None*

Choice: Essential Math or Pre-Cal/Applied Math Pathways

Course Description:

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.

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### **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.*

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### **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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**Course Name: Introduction to Calculus 45S/ Advanced Math 45S**

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

**Course Description:**

This course combines two half courses: Introduction to Calculus 45S (CALR4S) and Advanced Mathematics 45S (ADMR4S). The curriculum for the two courses is covered concurrently so students must register for both 1/2 credits. It covers introductory topics for university Calculus (limits, derivatives, and integrals), as well as other first year university math courses (number theory, linear algebra, and statistics). This course is highly recommended (although not a university entry requirement) for students who plan to take Mathematics at the University level. This course includes a Final Exam which accounts for 20% of the final grade.

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# SCIENCE

## Elmwood Science Courses

Course Name	Course Code	Course Name	Course Code
Science 10F	SCIR1F	Physics 30S	PHYR3S
Science 20F	SCIR2F	Biology 40S	BIOR4S
Science Enriched 20F	SCIE2F	Chemistry 40S	CHER4S
Biology 30S	BIOR3S	Physics 40S	PHYR4S
Chemistry 30S	CHER3S		

## SCIENCE COURSES AND DESCRIPTION

### 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.

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### 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.

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### 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.

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**Course Name: Chemistry 30S**

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

**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.

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**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.

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**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.

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**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.

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**Course Name: Physics 40S**

*Prerequisite: Physics 30S, Applied Mathematics 30S or Pre- Calculus 30S*

**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.

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# SOCIAL STUDIES

Course Name	Course Code
Social Studies 10F	SOSR1F
Geography 21 <sup>st</sup> Century 20F	GEOR2F

History of Canada 30F	HISR3F
Current Topics in First Nations, Metis, Inuit Studies 40S	CTIR4S
Global Issues 40S	GLIR4S
Law 40S	LAWR4S
Psychology 40S	PSYR4S

# SOCIAL STUDIES COURSES AND DESCRIPTION

## **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.

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## **Course Name: Geography 21<sup>st</sup> 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.

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## **Course Name: History of Canada 30F**

*Prerequisite: Geography 21<sup>st</sup> 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.
- 

## **Course Name: Current Topics in First Nations, Metis, and Inuit Studies 40S**

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

### **Course Description:**

This course offers students an opportunity to: enhance their understanding of First Nations, Métis and Inuit cultures in Manitoba and across Canada; develop knowledge of the history of First Peoples in order to better understand the present; develop an understanding that First Peoples are an integral part of Canadian society; and, recognize the ongoing role of First Nations, Métis and Inuit peoples in shaping Canadian identity. Students will explore topics such as the impact of colonization, Aboriginal worldviews, racism and the role of media, treaties, the Indian Act, social justice, education, health, law and environmental issues.

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**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.

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**Course Name: Law 40S**

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

**Course Description:**

This course is designed to develop an understanding of the legal system, its terms and documents and how the law relates to personal, business and community life

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

Tours of the court will be arranged.

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**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.

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# PHYSICAL EDUCATION

## Elmwood Physical Education Courses

Course Name	Course Code
Physical and Health Education 10F	PHER1F
Physical and Health Education 20F	PHER2F
Physical and Health Education 30F	PHER3F
Physical and Health Education 40F	PHER4F

## PHYSICAL EDUCATION COURSES AND DESCRIPTION

### Course Name: Physical and Health Education 10F

*Prerequisite: None*

#### Course Description:

This is a full-credit COMPULSORY course necessary for graduation.

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.

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### 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.

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### 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.

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**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.

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**Enriched Physical Education**

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

The philosophy of the Elmwood Enriched Physical Education Pathway is to help direct students down paths to achieve academic, personal, and community success. Our pathway is designed to allow students the opportunity to further pursue opportunities as student athletes, while not altering or sacrificing the provincial academic curriculum goals or expectations. The Elmwood Enriched Physical Education Pathway will promote student athlete excellence, emphasize holistic development for participating student athletes, and further the foundational knowledge needed to help students succeed in physical education/kinesiology after high school. The Elmwood Enriched Physical Education Pathway 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.

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

# OPTIONAL COURSES – THE ARTS

## Visual Arts

Course Name	Course Code
Visual Arts 15S	VAHB1S
Visual Arts 20S	VIAR2S
Visual Arts 30S	VIAR3S
Visual Arts 40S	VIAR4S

## Concert Band

Course Name	Course Code
Concert Band 10S	MCBR1S
Concert Band 20S	MCBR2S
Concert Band 30S	MCBR3S
Concert Band 40S	MCBR4S

## Concert Choir

Course Name	Course Code
Concert Choir 10S	MCCR1S
Concert Choir 20S	MCCR2S
Concert Choir 30S	MCCR3S
Concert Choir 40S	MCCR4S

## Drama

Course Name	Course Code
Dramatic Arts 15S (Half-Credit)	DAHB1S
Drama 20S (1 <sup>st</sup> Semester)	DAMR2S
Drama 30S (2 <sup>nd</sup> Semester)	DAMR3S
Drama 40S (2 <sup>nd</sup> Semester)	DAMR4S

## Dance

Course Name	Course Code
Dance 20S	DANR2S
Dance 30S	DANR3S
Dance 40S	DANR4S

### **Guitar**

<b>Course Name</b>	<b>Course Code</b>
Guitar 10S	MGUH1S
Guitar 20S	MGUH2S
Guitar 30S	MGUH3S
Guitar 40S	MGUH4S

### **Jazz Band**

<b>Course Name</b>	<b>Course Code</b>
Jazz Band 10S	MJBR1S
Jazz Band 20S	MJBR2S
Jazz Band 30S	MJBR3S
Jazz Band 40S	MJBR4S

### **Piano**

<b>Course Name</b>	<b>Course Code</b>
Piano Intro 25S	MPIH2S
Piano Intro 35S	MPIH3S
Piano Intro 45S	MPIH4S

### **Theatre**

<b>Course Name</b>	<b>Course Code</b>
Musical Theatre 10S	DMTR1S
Musical Theatre 20S	DMTR2S
Musical Theatre 30S	DMTR3S
Musical Theatre 40S	DMTR4S

# THE ARTS OPTIONAL COURSES AND DESCRIPTION

## **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: Concert Choir 10S,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*

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 new Manitoba Arts Curriculum. At this level, students are expected to return to skills taught for each of the four “wings” of the new 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: Guitar 10S, 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: Musical Theatre 10S/20S/30S/40S**

*Prerequisite: None*

**Course Description:**

This is a hands-on class where we will learn about and DO the work required to put on a musical. Come learn about the theatre in a positive and creative environment with practical application skills and knowledge gained.

*There are no pre-requirements for this class and no prior experience needed.*

---

**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.*

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## OPTIONAL COURSES – BUSINESS & INFORMATION TECHNOLOGY

### Business Education Optional Courses

Course Name	Course Code	Course Name	Course Code
Lifeworks Exploration 10S	LWER1S	Topics and Trends in Business 40S	TTBR4S
Lifeworks Planning 20S	LWPR2S	Entrepreneurship	ENTR2S
Lifeworks Building 30S	LWBR3S	Business Communications	BCOR3S
Creative Promotions 20S	CRPR2S	Retailing Perspectives 30S	RTPR3S

### Business Education optional courses and description

#### Course Name: Lifeworks Exploration 10S

*Prerequisite: None*

#### Course Description:

Life Works is a part of the Career Development Curricula. The curriculum is designed to connect school learning with workplace and labour market realities; with hopes that this connection will then contribute to increasing the number of students graduating from high school in Manitoba. At the grade 9 level teachers will focus on the following 5 units:

#### Unit 1: Personal Management

#### Unit 2: Career Exploration

#### Unit 3: Learning and Planning

#### Unit 4: Job Seeking and Job Maintenance

#### Unit 5: Career and Community Experiences

Students will also learn about Restorative Practices which is a model program used in the education field, the justice system and the work force.

#### Course Name: Lifeworks Exploration 20S, 30S

*Prerequisite: None (Lifeworks 10S is strongly recommended)*

#### Course Description:

Lifeworks 20S,30S continues to strengthen and connect school learning with current workplace and labour market realities. These realities of the contemporary workplace and career continue to evolve. Career development is complex and multidimensional

Students who register for this course will continue to develop their knowledge covered in the grade 9 curriculum.

#### Unit 1: Personal Management, Building and maintaining a positive self-image

#### Unit 2: Career Exploration, Finding the relationship between work and society

#### Unit 3: Learning and Planning, making life and work enhancing decisions

#### Unit 4: Job Seeking and Job Maintenance, Securing and maintaining a job/career

#### Unit 5: Career and Community Experiences, continue to develop their career portfolio

#### Course Name: Creative Promotions 20S

*Prerequisite: None*

**Course Description:**

This course helps students develop an understanding of promotional communication from both a theoretical and a practical approach. The course focuses on advertising strategies, direct marketing, personal selling, sales promotions, and public relations. Students will apply these concepts and their creativity to design a variety of promotional and advertising material.

Creative Promotions is designed for students who are looking to expand their business knowledge regarding communicating effectively and creatively.

---

**Course Name: Retailing Perspectives 30S**

*Prerequisite: None*

**Course Description:**

This course helps students gain an understanding of retailing from both a theoretical and a practical approach.

This course provides insight on the various types of retail establishments and forms of ownership. It emphasizes the retailing operations of both a physical and an online environment. Retailing Perspectives focuses on the financially sustainable strategies retailers use to appeal to consumers. This course is designed for students interested in managing or owning their own retailing establishment. It is, however, relevant to all students, since, as consumers, they experience retailing as part of their daily lives.

---

**Course Name: Topics and Trends in Business 40s**

*Prerequisite: None*

**Course Description:**

This course uses an inquiry-based learning model to allow students to explore current and/or emerging topics, trends, and opportunities related to business at a local, national, or global level. Students will design, recommend, and/or implement an action plan based on their inquiry findings. This course is designed to allow students to focus on issues about which they are passionate.

---

**Course Name: Entrepreneurship 20S**

*Prerequisite: None*

**Course Description:**

Join our team!

The Elmwood Supply Company is a student-led creative brand that specializes in community-based streetwear and custom accessories. Students will be part of building an ACTUAL business from the ground up covering day to day operations, social media marketing, clothing design and strategic planning.

Students begin by evaluating innovation, inventions, and innovative ideas. They learn the process of planning, marketing, and implementing a venture. This course is designed for students interested in business principles related to the ownership and management of a business.

The goal of launching this class is to not only provide students with an opportunity to develop a variety of employability skills while completing an assortment of challenging and engaging cross-curricular projects that raise awareness and address community needs. More importantly it would help students demonstrate their learning in a manner that crosses curriculums and allows them to create something tangible that can easily be shared in a real-world setting.

---

**Course Name: Business Communications 30S**

*Prerequisite: None*

**Course Description:**

Welcome to the immersive experience of "Podcasting for Business Success"! Step into a realm where communication transforms into an art form, and technology becomes your canvas. This course is meticulously crafted for students with a burning passion to not only master the art of podcasting but to wield it as a formidable weapon for impactful business communication.

In this exciting journey, you'll not only learn the technical intricacies of podcasting but also unravel the artistry behind crafting compelling narratives that resonate in our community and the business landscape. It's not just about pressing record; it's about sculpting a message that captivates your audience and leaves a lasting impression.

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# INFORMATION TECHNOLOGY OPTIONAL COURSES AND DESCRIPTION

## Information Communication Technology Optional Courses

Course Name	Course Code	Course Name	Course Code
Digital Film 25S	DFHR2S	Information & Communication Tech A	ICTA1F
Digital Pictures 25S	DPHR2S	Computer Science 20S	COSR2S
Web Design 35S	WDHR3S	Computer Science 30S	COSR3S
Interactive Media 35S	IMHR3S	Computer Science 40S	COSR4S
Desktop Publishing 35S	DPHR3S		

### 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.)

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### 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 (Introduction to Applied & Pre-Calculus 20S 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: None (Computer Science 20S is strongly recommended)*

**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: None (Computer Science 30S is strongly recommended)*

**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.

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## OPTIONAL COURSES – PRACTICAL ARTS

### Electronics

Course Name	Course Code
Electronics 15G	ELHR1G
Electronics 20G	ELER2G
Electronics 30G	ELER3G
Electronics 40S	ELER4S

### Family Studies

Course Name	Course Code
Family Studies 20S	FSTR2S
Family Studies 30S	FSTR3S
Family Studies 40S	FSTR4S

### Food & Nutrition

Course Name	Course Code
Food & Nutrition 15S	FOHR1S
Food & Nutrition 20S	FNUR2S
Food & Nutrition 30S	FNUR3S
Food & Nutrition 40S	FNUR4S

### Graphic Communications

Course Name	Course Code
Graphic Communication 15G	GRHR1G
Graphic Communication 20G	GRAR2G
Graphic Communication 30G	GRAR3G
Graphic Communication 40S	GRAR4S

### Metal Work

Course Name	Course Code
Metalwork 15S	MEHR1G
Metalwork 20G	METR2G
Metalwork 30G	METR3G
Metalwork 40G	METR4G

### **Power Mechanics**

<b>Course Name</b>	<b>Course Code</b>
Power Mechanic 15G	PMHR1G
Power Mechanic 20G	POMR2G
Power Mechanic 30G	POMR3G
Power Mechanic 40G	POMR4S

### **Textile Arts & Design**

<b>Course Name</b>	<b>Course Code</b>
Textile Arts & Design 15S	TDHR1S
Textile Arts & Design 20S	TADR2S
Textile Arts & Design 30S	TADR3S
Textile Arts & Design 40S	TADR4S

### **Woodworking**

<b>Course Name</b>	<b>Course Code</b>
Woodworking 15G	WOHR1G
Woodworking 20G	WOOR2G
Woodworking 30G	WOOR3G
Woodworking 40G	WOOR4S

# PRATICAL ARTS OPTIONAL COURSES & DESCRIPTION

## **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.

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## **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.

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## **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.

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## **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.

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## **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



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**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

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**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 assessed 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.

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**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.

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**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.

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**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, tardiness, etc. there are no exams for this course.

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## **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.

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## **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.

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**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

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**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

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**Course Name: Textile Arts & Design 40S**

*Prerequisite: None (Textile Arts & Design 30S is strongly recommended)*

**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: Develop an understanding of cultural fashion: Explore career development as related to clothing and textiles.

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**Course Name: Woodworking 15G**

*Prerequisite: None*

**Course Description:**

- This course is a combination of written and hands-on work.
  - Students will acquire an introduction to production machinery and will in turn be required to perform more advanced techniques and produce high quality work.
  - Safety procedures will be covered throughout the course.
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**Course Name: Woodworking 20G, 30G, 40G**

*Prerequisite: None*

**Course Description:**

- This course is a combination of written and hands-on work. Students will have a mandatory project that will include a review of the use of woodworking production machinery.
  - Key topics for this class will include the reading of plans and blueprints, estimating and calculating the cost of projects and advanced wood joinery techniques.
  - Safety procedures will be covered throughout the course.
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