



Martensville High School



Course Selection Booklet

2025-2026

For Current Grade 11 – 12 Students

Martensville High School exists to:

- *Provide a safe and accepting environment where students develop into respectful and empathetic citizens.*
- *Create self-motivated, confident, critical, and reflective learners.*
- *Prepare students to navigate their next steps in life.*

Last Updated March 2025

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Post-Secondary Requirements:	
➤ University of Saskatchewan – www.admissions.usask.ca	
➤ Saskatchewan PolyTechnic – www.saskpolytech.ca	
➤ University of Regina – www.uregina.ca	
➤ Great Plains College – www.greatplainscollege.ca	
➤ myBlueprint – https://www.myblueprint.ca/	

INTRODUCTION

This booklet has been prepared to assist students and parents in making informed choices of courses for next year's program at Martensville High School. You will find brief descriptions of all compulsory and optional programs offered at each grade level. We urge all concerned to study the information carefully. If you experience difficulty or have questions in making your selections, the career counselor, administrators, and teachers are willing to assist you.

PROGRAM

Martensville High School offers a full academic program for Grades 9 to 12.

Students must select courses carefully in terms of post-secondary plans and career choices. If information is required, the school career/guidance counselor (Breanne Cooper) can provide you with the most recent information.

The courses listed are those that we are planning to offer at this time. Our actual 2025-2026 schedule of courses will be determined by enrollment numbers and resources available. It is important to note that when students submit their course selection requests they cannot make teacher, spare or peer requests. Cancellation of courses may occur due to low enrollment for the class, program need, or staff availability.

If students will be going between schools during the school year it is crucial that there is open communication between the student and the school to ensure proper transitions take place.

COURSE LEVELS

Most Grade 9 students are enrolled in non-streamed courses. Upon completion of the Grade 9 year, some of the core courses in Grades 10, 11 and 12 **may** be offered at more than one level of difficulty. These are referred to as regular or modified. In general, courses numbered 11, 21, or 31 are modified programs.

REGULAR PROGRAMS - 10, 20, 30

Regular programs are designed for students whose achievement, skill development and rate of learning are average to above average. Students sometimes experience difficulty in grasping some concepts, whereas others learn more quickly; therefore, the pace of instruction is adjusted with sufficient repetition to ensure content mastery.

MODIFIED PROGRAMS - 11, 21, 31

- Modified programs are designed for students who have experienced significant difficulties with regular academic programs in the past. In order to ensure success for students for whom these courses are most appropriate, course content, depth of concepts, assignments and evaluation techniques are modified.
- Teacher recommendation, in consultation with the Learning Support Teacher, is required.
- Modified programs meet the requirements for Grade 12 Graduation, but they may not qualify students for university entrance or for some post-secondary technology programs. Modified classes in required subjects will not qualify students for apprenticeship in a trade. Students are advised to consult with the Career Guidance Counselor about this.

ALTERNATIVE PROGRAMS – 18, 28, 38

- Alternative programs are designed to meet the needs of students that are not able to achieve success with the provincially developed curricula. In order to ensure success for students for whom these courses are most appropriate, course content, depth of concepts, assignments and evaluation techniques are altered to meet students where they are at.
- Consultation with the Learning Support Teacher is required.
- Alternative programs meet the requirements for Grade 12 Graduation but may not meet requirements for many post-secondary programs and can impact career planning or employment opportunities.

COMPULSORY COURSES AND CREDIT REQUIREMENTS In Saskatchewan for Current Grade 11 & 12 Students

Grade 10

7 COMPULSORY COURSES:

1. English Language Arts A10
2. English Language Arts B10
3. Science 10
4. Wellness 10
5. History 10
6. Workplace and Apprenticeship Math 10**
7. Foundations of Math & Pre-Calculus 10**

* A minimum of 8 credits is required for a complete Grade 10 standing.

Unless other recommendations have been made

Grade 11

4 COMPULSORY COURSES:

1. English Language Arts 20
2. **At least one of:**
 - Workplace & Apprenticeship Math 20
 - Foundations of Math 20
 - Pre-calculus 20
3. At least one of:
 - Physical Science 20
 - Health Science 20
 - Environmental Science 20
 - Computer Science 20
4. At least one of:
 - History 20
 - Native Studies 20
 - Psychology 20
 - Psychology 30
 - Law 30

***A minimum of 16 credits (total) is required for a complete Grade 11 standing.**

Grade 12

3 COMPULSORY COURSES:

1. English Language Arts A30
2. English Language Arts B30
3. History 30 **or** Native Studies 30

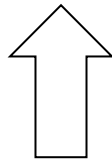
***A minimum number of 24 credits (in total) is required for a complete Grade 12 standing.
Of these, at least 5 must be at the 30 level.**

GRADUATION REQUIREMENTS - ADDITIONAL INFORMATION

At least two Practical & Applied Arts or Arts Education credits are required.

Courses Qualifying for the Practical & Applied Arts or Arts Education requirements include the following:

Accounting 10 Communication Media 10 Drafting & Computer Aided Design 10 Drama 10 Information Processing 10 Music 10 Practical & Applied Arts Survey A10 (<i>Home Ec.</i>) Practical & Applied Arts Survey B10 (<i>Industrial Arts</i>) Photography 10 Visual Art 10	Apprenticeship A20 Apprenticeship B20 Career & Work Exploration 20 Commercial Cooking 20 Communication Media 20 Drama 20 Music 20 Photography 20 Practical & Applied Arts Survey B20 (<i>Industrial Arts</i>) Visual Art 20	Apprenticeship A30 Apprenticeship B30 Career & Work Exploration A30 Career & Work Exploration B30 Drama 30 Entrepreneurship 30 Financial Literacy 30 Life Transitions 30 Music 30 Photography 30 Practical & Applied Arts Survey A30 (<i>Home Ec.</i>) Practical & Applied Arts Survey B30 (<i>Industrial Arts</i>) Visual Art 30
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To complete Grade 12, a student must have any 2 of the above listed credit courses (can be at the 10, 20 or 30 level).

**Recommended Strategy for Meeting Core Curriculum Requirements at MHS
YOUR THREE YEAR PLAN**

✓	GRADE 10	✓	GRADE 11	✓	GRADE 12
	English Language Arts A10		English Language Arts 20		English Language Arts A30
	English Language Arts B10		At least one of:		English Language Arts B30
	Science 10		Workplace & Apprenticeship Math 20		History 30 or Native Studies 30
	Wellness 10		Foundations of Math 20		
	History 10		Pre-Calculus 20		
	Workplace and Apprenticeship Math 10		At least one of:		
	Foundations of Math and Pre-calculus Math 10		History 20		Law 30
			Native Studies 20		Psychology 30
			Psychology 20		
			At least one of:		
			Health Science 20		
			Physical Science 20		
			Environmental Science 20		
			Computer Science 20		

GRADE 10

Unspecified Electives
(Minimum of 3)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

TOTAL: (Minimum of 10)

GRADE 11

Unspecified Electives
(*Minimum* of 4)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

TOTAL: (Minimum of 8)

GRADE 12

Unspecified Electives
(*Minimum* of 3)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

TOTAL: (Minimum of 6)

TOTAL (Grades 10, 11 & 12) - Minimum of 24

Note: *It is the student's responsibility to ensure that grade requirements are met for each year.*

- ❖ Meeting minimum requirements does NOT necessarily satisfy entrance requirements for post-secondary education!
- ❖ Check with your career guidance counselor to be sure!

TOTAL CREDITS ____ in Grade 10, 11 & 12

CAREER EDUCATION

Career Education is an integral part of each student's academic experience. Students will learn how to make good career decisions through investigating career choices, analyzing skills they have, and assessing skills needed. Students can receive assistance in preparing resumes, portfolios, interview strategies and developing increased awareness about the various labour markets.

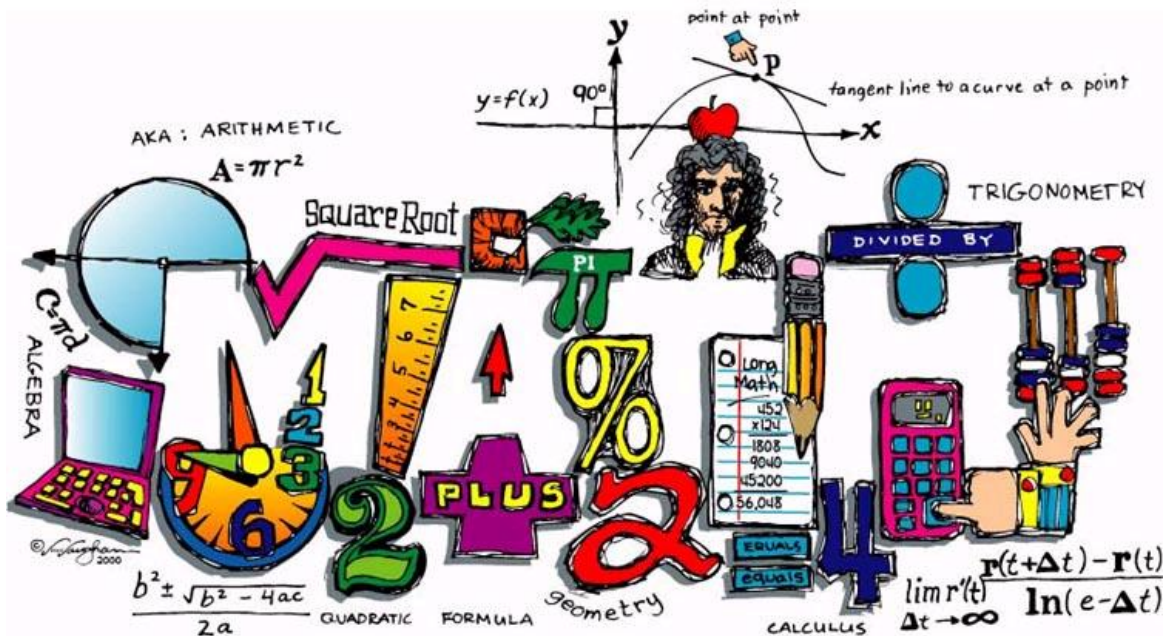
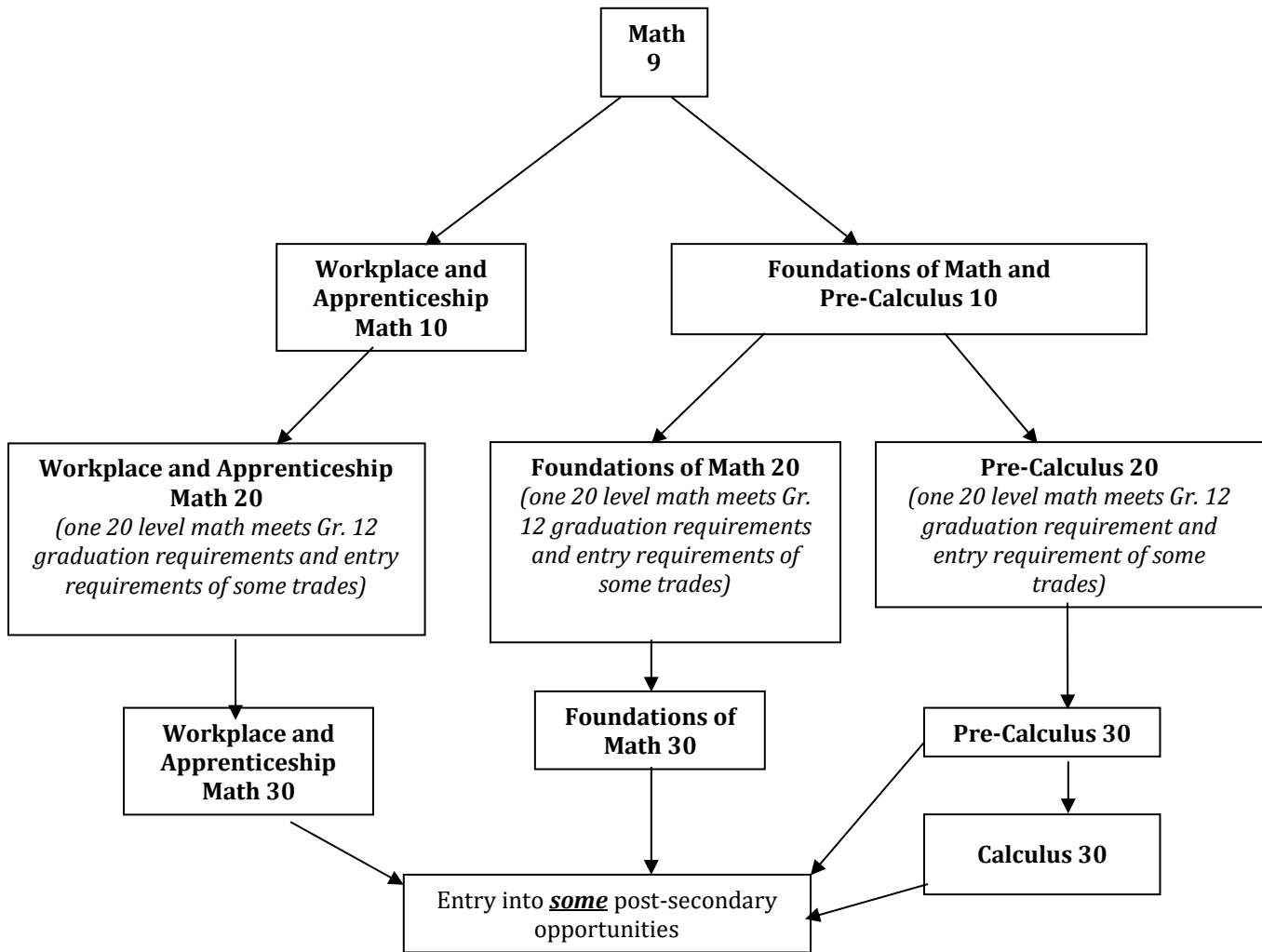
The school division supports career education through Career Days and counseling services. At our school, career fairs & booth displays are provided for students to meet with people working in various trades and professions. Students are also encouraged to go to *Spotlight on Career* events or take part in various Skills Camps.

Students will become familiar with the technology necessary to access information regarding post-secondary choices and have the opportunity to visit various campuses such as the University of Saskatchewan, Saskatchewan PolyTechnic, and others.

Information and counseling regarding career decisions, programs, and scholarships are available from Ms. Cooper, the Career Guidance Counselor.



MATH COURSES



GRADE 11

COMPULSORY COURSES:

- English Language Arts 20
- **At least one of:**
 - Health Science 20
 - Physical Science 20
 - Computer Science 20
 - Environmental Science 20
- **One of:**
 - History 20
 - Law 30
 - Native Studies 20
 - Psychology 20
 - Psychology 30
- **At least one of:**
 - Workplace & Apprenticeship Math 20
 - Foundations of Math 20
 - Pre-calculus 20

OTHER REQUIREMENTS:

Students are required to take a minimum of 8 courses per year.

OPTIONAL COURSES:

- | | |
|--|--|
| ✓ Apprenticeship A20 | ✓ Life Transitions 30 (see p. 27 for course description) |
| ✓ Apprenticeship B20 | ✓ Media Studies 20 |
| ✓ Career & Work Exploration 20 | ✓ Mental Health & Wellbeing 20L |
| ✓ Commercial Cooking 20 | ✓ Mental Wellness 30L (see p. 30 for course description) |
| ✓ Communication Media 20 | ✓ Music 20 |
| ✓ Computer Science 20 | ✓ Native Studies 20 |
| ✓ Creative Writing 20 | ✓ Photography 20 |
| ✓ Drafting & Computer-Aided Design 10 | ✓ Physical Education 20 |
| ✓ Drama 20 | ✓ Physical Science 20 |
| ✓ Entrepreneurship 30 (see p. 26 for course description) | ✓ Practical & Applied Arts Survey B20 |
| ✓ Environmental Science 20 | ✓ Psychology 20 |
| ✓ Financial Literacy 30 (see p. 27 for course description) | ✓ Psychology 30 (see p. 25 for course description) |
| ✓ Health Science 20 | ✓ Visual Art 20 |
| ✓ Law 30 (see p. 25 for course description) | |
| ✓ Leadership 30L (see p. 30 for course description) | |

Some courses may not be scheduled depending on the number of students requesting the course and/or staff availability.

GRADE ELEVEN COMPULSORY COURSES

ENGLISH LANGUAGE ARTS 20:

Prerequisite: English Language Arts A10 and English Language Arts B10

ELA 20 is designed to help students extend their language skills and strategies and to become competent and confident users of all six language arts strands through many opportunities to view, listen, read, represent, speak, and write in meaningful contexts. Units include:

- **Starting Out** – Beginning and Becoming – (The Past and the Present; Triumphs and Trials; Discovery and Disillusionment; Relationships with Family and Others; Celebrations and Rites of Passage)
- **Moving Forward** – Establishing and Realizing – (Turning Points and Transitions; Evolving Roles and Responsibilities; Opportunities and Obstacles; Risks and Rewards; Beliefs and Goals)

The following courses are also required for graduation:

One Science:

- Health Science 20
- Physical Science 20
- Computer Science 20
- Environmental Science 20

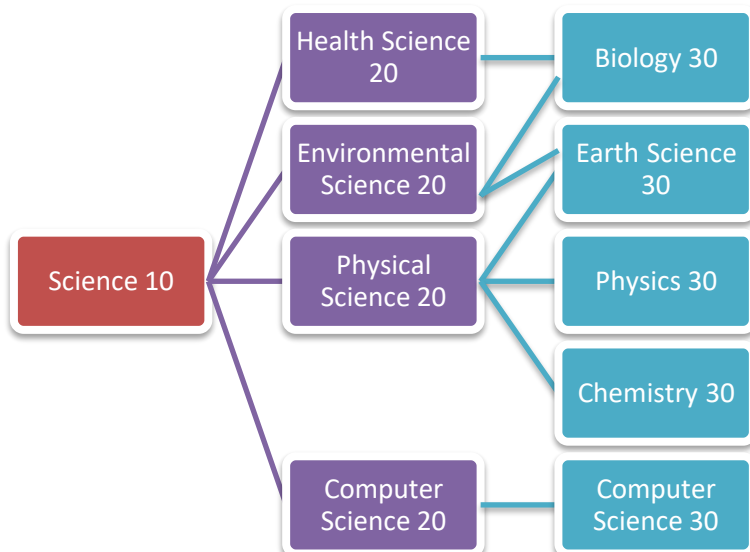
One Math:

- Workplace & Apprenticeship Math 20
- Foundations of Math 20
- Pre-Calculus 20

One Social Science:

- History 20
- Native Studies 20
- Psychology 20
- Law 30
- Psychology 30

NOTE re: SCIENCES & PRE-REQUISITES



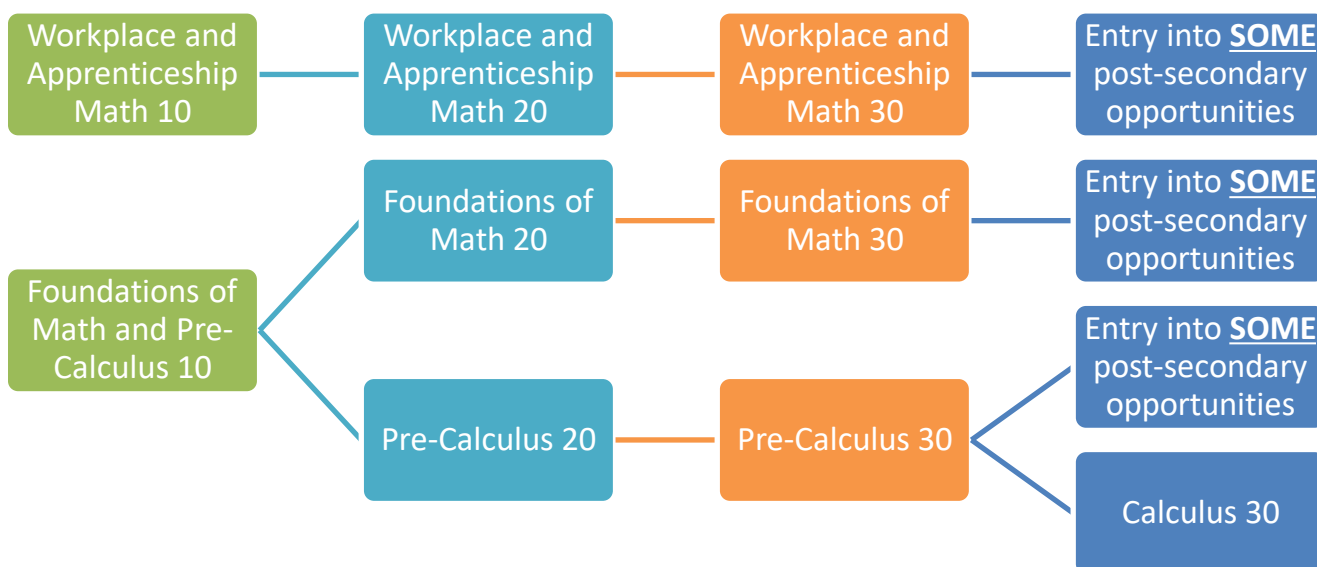
NOTE re: MATHEMATICS:

Although the math pathway decision will be based on factors unique to each student, we recommend that each student and their parents reflect on the following four factors before making this selection:

- 1) Student's performance in Math 10 pathway
- 2) Student's interest in math
- 3) Student's future education plans
- 4) Student's future career plans
- 5) Student's future career plans

GRADE ELEVEN MATHEMATICS COURSES

NOTE: One 20 level Math meets Grade 12 graduation requirements and **may** meet entry requirements for some trades and/or post-secondary programs **but not all**.



WORKPLACE & APPRENTICESHIP MATH 20:

Prerequisite: Workplace & Apprenticeship Math 10

Content in this math pathway is chosen to meet the needs of students intending to pursue careers in the trades and general workplaces. Curriculum outcomes are addressed through activities, projects, and problems set in real-world contexts, enabling students to make connections between school mathematics and the workplace. Real-world problems, especially those related to apprenticeship programs and to employment that students can enter after completing secondary school, include workplace applications of mathematical concepts. Topics include slope and rate of change; graphical representations; surface area, volume, and capacity; trigonometry of right triangles; scale representations; financial services; and personal budgets.

GRADE ELEVEN COURSES (continued)

FOUNDATIONS OF MATH 20:

Prerequisite: Foundations of Math and Pre-calculus 10

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. The outcomes of this course are based upon the students' prior learning and continue to develop their number sense, spatial sense, logical thinking, and understanding of mathematics as a human endeavor. Topics include Inductive and Deductive Reasoning, Properties of Angles and Triangles, Acute and Obtuse Triangle Trigonometry, Statistical Reasoning, Systems of Linear Inequalities, Quadratic Functions, and Proportional Reasoning.

PRE-CALCULUS 20:

Prerequisite: Foundations of Math & Pre-Calculus 10

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Topics include: Quadratic Functions & Equations, Radical Expressions & Equations, Rational Expressions & Equations, Absolute Value & Reciprocal Functions, Sequences & Series, Trigonometry, Systems of Equations, Linear & Quadratic Inequalities.

SCIENCES



HEALTH SCIENCE 20:

Prerequisite: Science 10

This course will challenge students to look at the health science field from holistic and analytic perspectives to provide a basis for making sound personal health choices. Students will examine the range of philosophies that guide health care and consider ethical decisions within those contexts. Understanding the basic anatomy and physiology of the human body will provide a context for studying the normal and abnormal functioning of various body systems, including the role of nutrition and metabolism. Lastly, students will examine diagnostic tools and procedures and how they are used to inform treatment. Students will also investigate the range of health science careers and post-secondary programs available in Saskatchewan.

COMPUTER SCIENCE 20:

Prerequisite: Science 10 (It is also STRONGLY RECOMMENDED that students have successfully completed either Foundations of Math 20 or Pre-Calculus 20.)

The main aim of the computer science program is to prepare literate individuals who value computer science and appreciate its role in society. Computer science education is intended to stimulate a spirit of inquiry by developing a variety of problem-solving and decision-making skills and abilities. The computer science program promotes computational thinking, which involves pattern recognition, abstraction, algorithm design, and decomposition.

GRADE ELEVEN COURSES (continued)

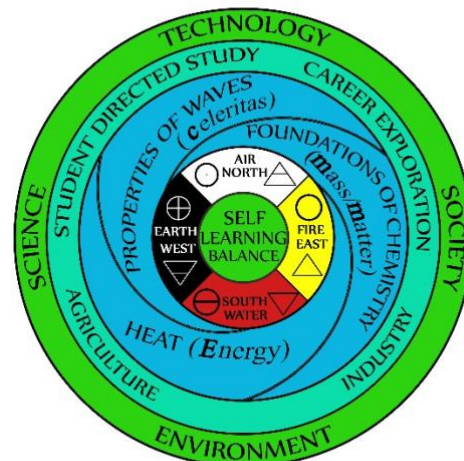
PHYSICAL SCIENCE 20

PHYSICAL SCIENCE 20:

Prerequisite: Science 10

Recommended: Basic math skills in solving equations

Do you wonder about how the foundations of chemistry and physics help industry, agriculture, and pure science research move forward? Physical Science will allow you to investigate scientific concepts descriptively, mathematically, and in a hands-on, lab-based manner. This course explores the foundations of chemistry, including the mole and quantitative analysis of molecules and chemical reactions, and the characteristics and properties of heat and waves. Also included are a student directed study and career exploration outcomes to help students better understand the physical science related career paths.



$$E = mc^2$$

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ENVIRONMENTAL SCIENCE 20:

Prerequisite: Science 10



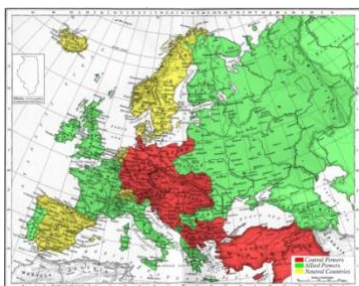
Students will learn how to examine local and global environmental issues from a systems perspective while considering the effects of human actions and a growing global population on the climate and environment, as well as the effects of the environment on human health. They will explore the mechanisms and importance of aquatic and terrestrial ecosystems and the sustainability of past and current practices and technologies humans have developed to live with and within the environment.

SOCIAL SCIENCES

HISTORY 20:

Prerequisite: None

History 20 is a comprehensive history of the 20th century, from WWI to present day. This course will focus on a number of themes such as nationalism, totalitarianism, imperialism, militarism, and terrorism. It will also attempt to outline and explain how the important events of our recent past have shaped the world that we live in today. Students will learn and appreciate the past in order to understand the present and influence the future.

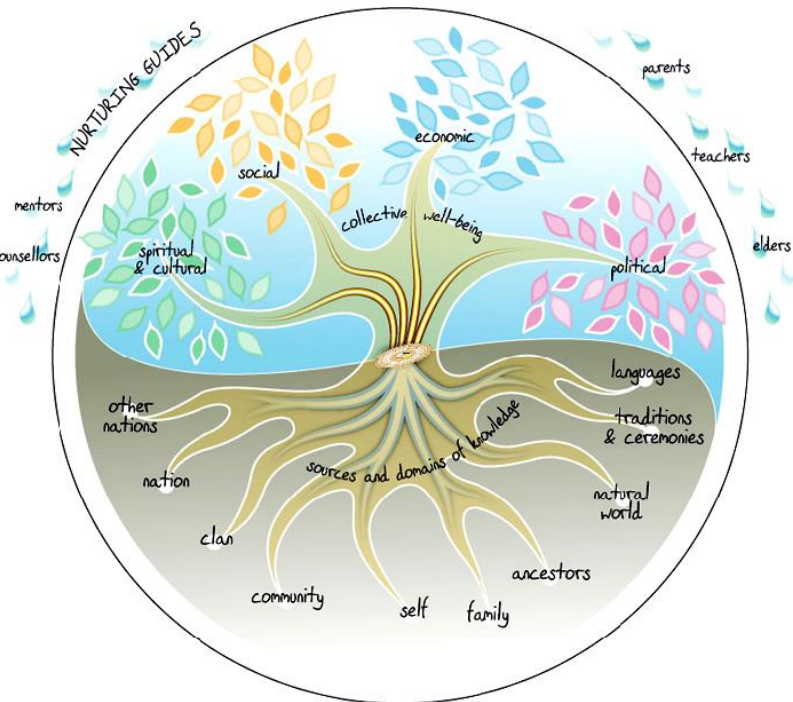


SOCIAL SCIENCES CONTINUED

NATIVE STUDIES 20:

Prerequisite: None

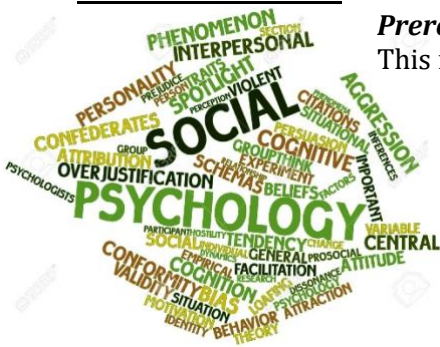
The Native Studies 20 course focuses on the past and present Indigenous experience around the world. Through studying traditional worldview and interconnectedness, we examine the impacts of colonization and non-Indigenous economic development and how it impacts the struggle for self-governance and self-determination. By understanding the journey that has brought us to present day, we begin to understand the deep conflicts that impact modern society. Racism and inequality are explored and unpacked as we dive into international Indigenous groups and their fight for social justice.



PSYCHOLOGY 20:

Prerequisite: None

This is an introductory Social Psychology course dealing with developing an understanding of how humans think, feel and behave. This is done through psychological methods and theory as well as discussion and activities. This course deals with many current topics in scientific psychology such as: perception, memory, language and thinking, human communication, personality, motivation, aggression, addictive behaviour, learning, emotion, interpersonal relations and data collection.



GRADE ELEVEN ELECTIVE COURSES (continued)

PRACTICAL & APPLIED ARTS or ARTS EDUCATION COURSES

APPRENTICESHIP A20 & B20: (1 credit each) [a separate credit application is required for these courses]

Prerequisite: None

Students employed under the supervision of a journey person in a trade or sub-trade may earn up to four (4) Secondary Level Apprenticeship credits on the basis of work proposed and completed by the student. Only students who are employed in a trade (i.e. have a paying job in a designated trade or sub-trade) are eligible for Apprenticeship credits. Apprenticeship A20 & B20 are each based on 100 hours of work which can be completed outside of the school day (e.g. after school, weekends, etc.).

CAREER & WORK EXPLORATION 20:

Prerequisite: None

CWEX 20 is a combination of in-class learning, individualized self-directed learning activities, and on-site job experience. The concepts of work, self-awareness, career exploration, job search techniques and job success skills are studied, and a personal Career Portfolio is developed. Students must select at least one job site for practical work experience and application of learning activities. Students cannot be paid for their work at their work placement(s) and must provide their own transportation to the work site(s). Note that this credit may not be used for university entrance.



COMMERCIAL COOKING 20:

Prerequisite: None, but it is STRONGLY RECOMMENDED that students have completed PAA A10.

This course is designed to create an awareness of and develop entry level food preparation skills for the food service industry. The food service industry is one of the largest employers in Canada. Students will learn: i) basic terminology and fundamental practices related to commercial cooking; ii) to apply safety and sanitation practices when selecting, preparing, serving and storing food; iii) to clean, prepare, cook, and store foods using techniques to achieve suitable colour, flavour, and texture and maintain nutritive values; and iv) to recognize, value and develop the personal skills that apply to the workplace. Students will also be involved in catering a school event.



Please note a small fee will be charged for materials for this course.

GRADE ELEVEN ELECTIVE COURSES *(continued)*

PRACTICAL & APPLIED ARTS or ARTS EDUCATION COURSES **(continued)**

COMMUNICATION MEDIA 20:

Prerequisite: None, but it is STRONGLY RECOMMENDED that students have completed Communication Media 10.

This course increases students' understanding, knowledge and skills related to audio, video, and multimedia production technologies. Students will participate in hands-on production-oriented activities and projects. Students will learn concepts, vocabulary, skills and processes related to multimedia production.

NOTE: It is strongly recommended that students have their own digital camera. Students who register for this class will also have access to Adobe CC licensing at home, but they will need a computer to operate the software (current Chromebooks will not work.)

DRAFTING & COMPUTER-AIDED DESIGN 10:

Prerequisite: None, but it is STRONGLY RECOMMENDED that students have a 20-level Math.

The aim of this course is to provide students with the opportunity to develop skills using Computer Assisted Drafting (CAD) software. A variety of concepts are explored including: dimensioning, circle drawings, fillets, isometric and orthographic drawings, oblique drawings, architectural symbols and floor plans.



DRAMA 20:

Prerequisite: None

In this course, students will immerse themselves within various acting experiences. The course focuses upon improvisation exercises and solo and group performances. There is also an element of critiquing and appreciating drama (both live and film) and exploring the role of drama in various cultures past and present.

Students should consider this course if they are creative people who enjoy the performing arts or would like to learn more about them.

MUSIC 20:

Prerequisite: None, but it is **recommended** that students have Music 10.

Music 20 focuses on personal growth on a variety of instruments as well as performance and collaboration. Students will also develop an understanding of the elements of music and influential artists and genres. The class is suitable for those with a wide range of musical experience—accomplished musicians as well as beginners with no musical knowledge will be able to expand their skills and grow as musicians. Through gaining an understanding of common instruments, students hone their focus and develop skills to participate in group performances.

GRADE ELEVEN ELECTIVE COURSES (continued)

PRACTICAL & APPLIED ARTS or ARTS EDUCATION COURSES (continued)

PHOTOGRAPHY 20:

Prerequisite: None, but it is STRONGLY RECOMMENDED that students have Photography 10. Photography 20 aims to provide students with an understanding of light and colour, legal issues; history of photography and careers; photographic skills; composition; and the photographic triangle. Students have the opportunity to develop their skills in digital image adjustment and manipulation. (Note: Students who register for this class will have access to Adobe CC licensing outside of school, but they will need a computer capable of operating the software. Current Chromebooks will not work.)

PRACTICAL & APPLIED ARTS SURVEY B20:

Prerequisite: None, but **recommended** that students have Practical & Applied Arts Survey B10.

This is a three-part survey course in the following areas. Safety will always be the emphasis in this course.

1. **Woodworking** – Learn about more advanced techniques with power tools and project planning while creating a side table.
2. **Drafting** – Application of reading blueprints in order to create your side table.
3. **Welding** – Learning the basics of Oxy/Acetylene welding and metalworking by creating a small project.



****Please note a small fee will be charged for materials for this course.****

VISUAL ART 20:

Prerequisite: None

This is an intermediate course building off skills introduced in Visual Art 10, but beginner students are always welcome. The focus of this course is experimenting with different art mediums with the goal of discovering which type of art best suits the students' skills and what medium they can begin specializing in. Some of the art mediums that we experiment with are ceramics, canvas making and acrylic painting, watercolour, charcoal, pastels, plaster, and print making.

OTHER ELECTIVES

CREATIVE WRITING 20:



Prerequisite: English Language Arts A10 *or* English Language Arts B10

Write your own ticket. Creative Writing fosters the excitement of writing in a relaxed atmosphere where you have numerous opportunities to write from experience about what interests you. You will acquire the expertise to generate ideas, develop language precision, edit with understanding and confidently deliver a published work to an audience. Creative Writing is a one-of-a-kind ELA program that will develop such important life skills as communication, time management, self-expression, and critical and creative thinking.

MEDIA STUDIES 20:

Prerequisite: English Language Arts A10 *or* English Language Arts B10

In Media Studies 20, students will examine the historical and changing role of mass media in our society. They will focus on important topics such as media literacy, social media, marketing, and advertising. Students will also create their own media and build the knowledge, skills, and attitudes needed to critically analyze how, why, and by whom media texts are made.



MENTAL HEALTH & WELLBEING 20L:

Prerequisite: None.

The purpose of this course is to develop confident and competent students who have a sense of themselves and the importance of mental health literacy. This course will also help students know and appreciate the past, understand the present, and influence the future as it relates to the awareness of, supports for, and stigma of mental illness.

Topics of study include:

- Understanding Mental Health & Mental Wellness
- Stigma & Discrimination
- Positive Mental Health Promotion
- Health, Economic, and Social Supports & Challenges
- Respectful Language & Behaviours
- Mental Health & Substance Use/Abuse
- Mental Health & Suicide
- Brain Function & Mental Health
- Personal Mental Health Plans
- Personal Well-Being

GRADE ELEVEN ELECTIVE COURSES (continued)

PHYSICAL EDUCATION 20:

Prerequisite: Wellness 10



Physical Education programs in Saskatchewan strive to achieve the mission of developing active, autonomous learners; they also complement Physical Education's aim of lifelong participation through the incorporation of the following perspectives: The Foundational Perspective, The Activity Perspective, and The Personal-Cultural Perspective. An obvious goal of Physical Education is to have you desire to pursue a lifestyle that is made rich by participation in physical activity, and that values the pursuit of Physical Education / Wellness as a lifelong behavior pattern. This would include making healthy lifestyle choices

and finding opportunities to grow and learn in body, mind, and spirit. Goal-Setting will allow you to plan, experience, and evaluate activities in such areas as recreation, sport, leisure, community, volunteerism, self-concept, education, fitness, nutrition, skill development, and others. Physical Education 20 is designed to provide you with an opportunity to explore and experience a variety of activities that you have selected in order to encourage you to pursue an active, healthy lifestyle. The expectation is for you to come ready to be actively involved. Remember, our main goal is to have FUN!



GRADE 12

COMPULSORY COURSES:

- English Language Arts A30 & English Language Arts B30
- History 30 **or** Native Studies 30



OPTIONAL COURSES:

- | | |
|---------------------------------|---------------------------------------|
| ✓ Apprenticeship A30 | ✓ Life Transitions 30 |
| ✓ Apprenticeship B30 | ✓ Mental Wellness 30L |
| ✓ Biology 30 | ✓ Music 30 |
| ✓ Calculus 30 | ✓ Outdoor Education 30L |
| ✓ Career & Work Exploration A30 | ✓ Photography 30 |
| ✓ Career & Work Exploration B30 | ✓ Physical Education 30 |
| ✓ Chemistry 30 | ✓ Physics 30 |
| ✓ Computer Science 30 | ✓ Practical & Applied Arts Survey A30 |
| ✓ Drama 30 | ✓ Practical & Applied Arts Survey B30 |
| ✓ Entrepreneurship A30 | ✓ Pre-calculus 30 |
| ✓ Financial Literacy 30 | ✓ Psychology 30 |
| ✓ Foundations of Math 30 | ✓ Visual Art 30 |
| ✓ Law 30 | ✓ Workplace & Apprenticeship Math 30 |
| ✓ Leadership 30L | |

Some courses may not be scheduled depending on the number of students requesting the course and/or staff availability

OTHER REQUIREMENTS:

Students are required to have at least **five 30-level credits**.

PLEASE NOTE:

Some **ELECTIVE** courses (on following pages) may not be scheduled depending on the number of students requesting the course and/or staff availability.

GRADE TWELVE COMPULSORY COURSES

ENGLISH LANGUAGE ARTS A30:

Prerequisite: English Language Arts 20

In this course students will study a variety of themes that focus on Canadian literature and society. There will also be some coordination of ELA A30 and History 30. This approach will allow students to analyze how our Canadian literature has been shaped by our physical landscape, as well as our history. Units of study include:

Canadian Landscapes: Diverse and Dynamic – In this unit students will examine the various landscapes in Canada including: Natural and Constructed; Psychological and Physical; Historical and Contemporary; and Personal and Societal.

Canadian Perspectives: Distinct and Rich – In this unit students will examine the various perspectives in Canada including such topics as: The Canadian Identity; Celebrating the Glorious and Acknowledging the Scandalous; Shifting Centres and Blurring Margins; and Understanding Beliefs and Initiating Action.

ENGLISH LANGUAGE ARTS B30:

Prerequisite: English Language Arts 20

In this course students will explore global issues using a variety of traditional and contemporary world literature. Units of study include:

The Search for Self – sub themes of this unit include: Identity & Sense of Self, Human Qualities and Ideals, Joy & Inspiration, and Doubt & Fear

The Social Experience – sub themes for this unit include: Dealing with Universal Issues; Ambition, Power & the Common Good; Social Criticism, Addressing the Issues.

HISTORY 30:

Prerequisite: None

This history program examines the historical forces between the Aboriginal peoples who have always been here and the many different immigrants who came to make a new life for themselves. Canadians have had to deal with issues stemming from the environment and from working out ways of living with each other. This program examines the current state of these issues and alternative viewpoints for dealing with these issues within Canadian society.

Or

NATIVE STUDIES 30:

Prerequisite: None

Native Studies 30 provides information to help students develop awareness and cultural understanding, and promote the development of positive attitudes towards Indigenous peoples. (*Saskatchewan Curriculum) The following are the five units of study: Aboriginal and Treaty Rights, Governance, Land Claims and Treaty Land Entitlements, Economic Development, and Social Development.



GRADE TWELVE ELECTIVE COURSES

MATHEMATICS



FOUNDATIONS OF MATH 30:

Prerequisite: Foundations of Math 20

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. The outcomes of this course are based upon the students' prior learning and continue to develop their number sense, spatial sense, logical thinking, and understanding of mathematics as a human endeavor. Topics include Financial Mathematics (investing and borrowing money), Set Theory and Logic, Counting Methods, Probability, Polynomial Functions, Exponential and Logarithmic Functions, Sinusoidal Functions.

WORKPLACE AND APPRENTICESHIP MATH 30:

Prerequisite: Workplace and Apprenticeship Math 20

- This pathway was designed for students who may want to pursue post-secondary studies in trades, certified occupations, or direct entry into the workforce. Whether you plan to enroll in college, learn a trade, or enter the workforce after graduating from secondary school, the practical mathematical skills you will learn in this course will support you at work and in your daily life.
- Curriculum outcomes are addressed through activities, projects, and problems set in real-world contexts, enabling students to make connections between school mathematics and the workplace. Real-world problems, especially those related to apprenticeship programs and to employment that students can enter after completing secondary school, include workplace applications of mathematical concepts.
- Topics include: Linear Relations, Limits to Measurement, Statistics, Probability and Odds, Properties of Geometric Figures, Transformations, Trigonometry, and Owning a Small Business.

PRE-CALCULUS 30:

Prerequisite: Pre-Calculus 20

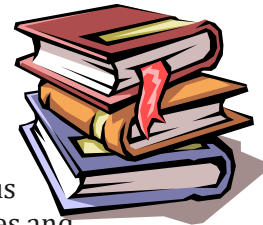
In this course, students will investigate function properties, transformations, and operations; trigonometric ratios, equations, and identities; as well as permutations, combinations, and the binomial theorem. The use of graphing technology is implemented throughout the course.

This course is a pre-requisite for taking Calculus 30 and is also a good preparation for university and some technology based Saskatchewan Polytechnic courses. Content in this pathway was chosen to meet the needs of students interested in pursuing careers in science-related areas and is also recommended for those pursuing a Bachelor of Commerce degree at University.

CALCULUS 30:

Prerequisite: Pre-Calculus 30

This is an advanced mathematics class aimed at students who will be taking calculus at university. This course will bring together knowledge from previous math courses and expand upon it. The course will focus on topics such as: function transformations, domains and ranges, limits and continuity, differentiation, graphical applications of derivatives, rates of change, optimization problems, related rates, differentiation of transcendental functions and applications.



GRADE TWELVE ELECTIVE COURSES (continued)

SCIENCES

BIOLOGY 30:

Prerequisite: Health Science 20 or Environmental Science 20

The course examines the significance of evolution as a key unifying theme in biology and to explore what life is and how it changes over time. Students will examine the organization of life in all kingdoms through the study of biomolecules, cellular processes, and organism function. In genetics and biotechnology, students will explore inheritance, and how information is stored, transmitted, and expressed at chromosomal and molecular levels.



CHEMISTRY 30:

Prerequisite: Physical Science 20

Students will connect the theoretical nature of chemical bonds to the properties of ionic, molecular and organic compounds and what makes these materials suitable for various applications. Students will actively investigate the nature of equilibrium in chemical reactions and apply this to solution chemistry, acid-base reactions, and oxidation-reduction reactions, as well as their impacts on society and the environment. Students will also complete an inquiry activity related to one of these phenomena.

COMPUTER SCIENCE 30:

Prerequisite: Computer Science 20

This computer science program emphasizes problem solving as a fundamental programming skill. The course focusses on developing effective coding practices by exploring various types of data structures, external files, recursion, and object-oriented programming.

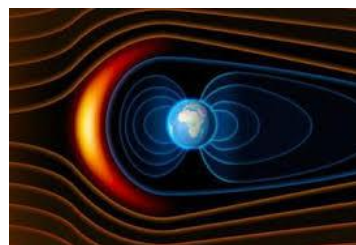
PHYSICS 30:

Prerequisite: Physical Science 20

Physics 30 consists of four main units:

- 1) Forces and Motion – linear, circular, and projectile
- 2) Conservation Laws – momentum and energy
- 3) Fields – gravitational, electric, and magnetic
- 4) Modern Physics – relativistic principles, quantum mechanics, radioactivity, and nuclear technology.

There is also a student directed study outcome. Laboratory investigations are regular components of this program.



GRADE TWELVE ELECTIVE COURSES (continued)

SOCIAL SCIENCES:



LAW 30:

Prerequisite: None

This course is designed to assist students to become active, informed and productive citizens who know and understand their legal rights and responsibilities. Through the course, students develop an understanding of the concept of the rule of law, and learn that the law reflects, and is shaped by, society's values and attitudes regarding social and human relationships. The goal of this course is to expose students to the basic concepts related to the Canadian legal system.

PSYCHOLOGY 30:

Prerequisite: None

The Psychology 30 course studies the human life span from pre-natal development through infancy, childhood, adolescence, early and mid-adulthood and old age. It discusses the unique characteristics of individuals at these different stages. Students learn about the development tasks that one must confront in order to grow successfully at each stage. Psychology 30 also branches out into other areas of psychology and research (e.g., ways of coping with stress).

PRACTICAL & APPLIED ARTS or ARTS EDUCATION COURSES

APPRENTICESHIP A30 & B30: (1 credit each) [a separate credit application is required for these courses]

Prerequisite: None



Students employed under the supervision of a journey person in a trade or sub-trade may earn up to four (4) Secondary Level Apprenticeship credits on the basis of work proposed and completed by the student. Only students who are employed in a trade (i.e. have a paying job in a designated trade or sub-trade) are eligible for Apprenticeship credits. Apprenticeship A30 & B30 are each based on 100 hours of work which can be completed outside of the school day (e.g. after school, weekends, etc.).

CAREER & WORK EXPLORATION A30 and B30: (1 credit each)

Prerequisite: None

CWEX A30 & B30 each consist of classroom learning, individualized learning activities, and at least one work placement. The in-class component includes the study of such topics as personal awareness, career planning and exploration, job search and preparation, employer-employee relations, labor standards, and workplace safety, as well as the development of a personal Career Portfolio. Students may not be paid for their on-site work experience and they must also provide their own transportation to the work site(s). Note that these credits may not be used for university entrance.

GRADE TWELVE ELECTIVE COURSES (continued)

PRACTICAL & APPLIED ARTS or ARTS EDUCATION COURSES (cont'd)

DRAMA 30:

Prerequisite: None

In this course, students will immerse themselves within various acting experiences. The course focuses upon improvisation exercises and solo and group performances. There is also an element of critiquing and appreciating drama (both live and film) and exploring the role of drama in various cultures past and present. Students should consider this course if they are creative people who enjoy the performing arts or would like to learn more about them.



ENTREPRENEURSHIP 30:

Prerequisite: None

The aim of the Entrepreneurship 30 is to provide students with opportunities to acquire knowledge and develop skills necessary to plan and begin a venture, and to appreciate the role that entrepreneurs play in our society and economy.

The goals of the course are:

- Awareness: To develop an appreciation for the impact entrepreneurs have and for the complexity involved in planning, initiating, and operating a successful venture.
- Technological Skills: To develop skills in using technology to enhance work, and to recognize both the impact technology has on our society and the opportunities technology creates for small business.
- Communication: To develop communication skills using appropriate vocabulary in context both in undertaking course work and in relating to customers, employers, and other parties.
- Independent Learning: To promote a desire for lifelong learning and independent work practices. Accountability: To instill a sense of responsibility for, and pride in, one's work.
- Career Development: To develop an awareness of post-secondary training opportunities, to explore various entrepreneurial career opportunities, and to support students in making career decisions.
- Personal Management Skills: To develop a strong and positive personal identity and to enhance self-esteem through success with planning, beginning, and operating a venture.



GRADE TWELVE ELECTIVE COURSES (continued)

PRACTICAL & APPLIED ARTS or ARTS EDUCATION COURSES (cont'd)

FINANCIAL LITERACY 30:

Prerequisite: None

Financial Literacy 30 focuses on seven areas: earning, saving, spending, borrowing, sharing, investing and protecting. This course covers a range of topics from your first job all the way to important financial decisions like buying a house and even talk about what needs to be considered for a comfortable retirement. The course is designed to be very practical and all aspects of the course are designed to help you make the best financial decisions and help avoid common financial problems. After completing this course your will have a greater understanding of finances and how they apply to you and your future plans.



LIFE TRANSITIONS 30:

Prerequisite: None

Life Trans 30 is about being ready for and creating strategies to be successful once you graduate from high school. We focus on "life skills" that are practical a relevant to your life as you transition to living as an independent adult. We will look at:

- finances (loans, credit cards, taxes, etc)
- self care (mental health strategies, stress management, goal setting)
- conflict management (job and personal)
- independent living (budgeting, interview skills, meal planning, etc.)
- sexual education (anatomy, consent, safe sex, etc.)



MUSIC 30:

Prerequisite: None, but it is recommended that students have Music 10 and 20.

Music 30 focuses on personal growth on a variety of instruments as well as performance and collaboration. Students will also develop an understanding of the elements of music and influential artists and genres. The class is suitable for those with a wide range of musical experience- accomplished musicians as well as beginners with no musical knowledge will be able to expand their skills and grow as musicians. Through gaining an understanding of common instruments, students hone their focus and develop skills to participate in group performances.

PHOTOGRAPHY 30:

Prerequisite: None, but it is recommended that students have Photography 10 and 20.



Photography 30 aims to build on the photographic skills and knowledge of students by exploring camera style and photographic projects; photographic skills; composition; and the photographic triangle. Students have the opportunity to further develop their skills in digital image adjustment and manipulation. (Note: Students who register for this class will have access to Adobe CC licensing outside of school, but they will need a computer capable of operating the software. Current Chromebooks will not work.)

GRADE TWELVE ELECTIVE COURSES (continued)

PRACTICAL & APPLIED ARTS or ARTS EDUCATION COURSES (cont'd)

PRACTICAL & APPLIED ARTS SURVEY A30:

Prerequisite: None, but it is STRONGLY RECOMMENDED that students have completed PAA A10/Commercial Cooking 20.

This survey course consists of a combination of Clothing, Textiles & Fashion 30 and Foods 30.

CLOTHING, TEXTILES & FASHION 30:

This portion of the course focuses on developing an understanding of key theoretical concepts and on practicing skills associated with the areas of clothing, textiles, and fashion. Students are able to choose the projects they wish to complete for sewing and textiles.

FOOD STUDIES 30:

This portion of the course focuses on essential knowledge and understanding of food and nutrition. It also aims to develop self-reliance, independence, and positive social skills as well as to teach basic life skills and knowledge that all students need. There will be a heavy emphasis on baking and areas of study will include: quick breads, cookies, cakes and icings, pies and pastries, entertaining with food and foods for special occasions. Students will make gingerbread houses and fondant cakes. Students will also do an ethnic cooking unit.



GRADE TWELVE ELECTIVE COURSES (continued)

PRACTICAL & APPLIED ARTS or ARTS EDUCATION COURSES (cont'd)

PRACTICAL & APPLIED ARTS SURVEY B30:

Prerequisite: PAA B10 *or* PAAB20

This is a three-part survey course in the following areas. Safety will always be the emphasis in this course.

- 1. Construction** – Learning about traditional building methods to build a shed/playhouse in a small group. Coursework takes place mostly outdoors.
- 2. Electrical** – Exploring basic residential electrical wiring, both theory and practical.
- 3. Welding** – Learning the basics of SMAW (Arc/Stick) welding and metalworking to create a small project.
- 4. Project Design and Build** - Use all the skills you have learned in woodworking to create a project of your design, using only a single board.

*Please note: a small fee will be charged to cover the cost of materials for this class.



VISUAL ART 30:

Prerequisite: None

This is an expert course building off skills introduced in Visual Art 10 and 20, but beginner students are always welcome. The focus of this course is experimenting with different art styles with the goal of discovering which style of art suits the students' skills and what style they can begin specializing in. Some subjects we study are Canadian artists, mixed media, topics of resistance, change of a style over time, and different art careers.



UNSPECIFIED OR OTHER ELECTIVES:



LEADERSHIP 30L:

Prerequisite: None

Leadership 30L prepares students to act in leadership and peer support roles. The course gives students a chance to design and implement a plan for contributing to the school and community, as well as to develop skills in communication, interpersonal relations, teamwork, and conflict management. Throughout the course, students will get a chance to work on practical projects designed to make a difference in both their school and their world.

MENTAL WELLNESS 30L:

Prerequisite: None

Mental Wellness 30L will help students understand different aspects of mental health challenges, mental illness, as well as, create a personalized mental wellness plan. This course should be taken by students who wish to understand their own mental health and wellness, and by those who wish to better understand others around them. Topics of study include the difference between mental health and mental illness, stigma and its impact on the individual, the concept of resilience, and how developing resilience impacts the mental wellbeing of those individuals experiencing symptoms of poor mental health. Students will have access to tools to create a balanced life and wellness in all domains of their lives (mental, physical, spiritual, emotion and social).

UNSPECIFIED OR OTHER ELECTIVES CONTINUED:

OUTDOOR EDUCATION 30L:

Prerequisite: None



This course is designed to provide students with the opportunity to learn how to be safe and comfortably active in the outdoors, in various seasons, locations, and situations. Out of school excursions will provide students with authentic opportunities, in which to construct and apply their knowledge, skills, and abilities, with consideration for the cultural perspectives of Indigenous and non-Indigenous people. This course is activity based with a focus on Outdoor Living and Pursuits, Leadership and Teamwork, Environmental Sustainability, Risk Management, Functional Fitness, and Nutrition. The course will guide students in the exploration of identity, culture, and the concept of place, and is meant to be actualized through local community cultures, contexts, and environments.

*Please note: A fee will be charged to cover the cost of any excursions.

PHYSICAL EDUCATION 30:

Prerequisite: None, but it is STRONGLY RECOMMENDED that students have completed Physical Education 20.

Through the study and participation in various activities in and out of school and Volunteering, students will adopt a greater responsibility for their own health and fitness choices as well as their involvement in promoting lifetime fitness in the community through individual and group projects.

Please note: A fee is charged to cover the cost of instructors and facility rentals.

