

Course Selection 2026 – 2027



Course Requirements in Saskatchewan

Grade 10	Grade 11	Grade 12
minimum 8 cumulative credits	minimum 16 cumulative credits	minimum 24 cumulative credits (5 of which must be at level 30)
Compulsory Courses:	Compulsory Courses:	Compulsory Courses:
One English language arts at level 10	One English language arts at level 20	One English language arts at level 30
One of: Social Studies 10, History 10, or Native Studies 10		One Canadian Studies at level 30
One mathematics at level 10	One mathematics at level 20	
One science at level 10		
Four electives at level 10, 20 or 30		
	One science at level 20 or 30 *	
	Seven additional elective credits at level 20 or 30	
Financial Literacy at level 10		
Two credits in arts education or practical and applied arts at level 10, 20 or 30		
One of: Wellness 10, Physical Education 20 or Physical Education 30		

Grade 10 students – must register in 10 courses

Grade 11 students – must register in a minimum of 9 courses

Grade 12 students – must achieve a total of 24 credits

English Language Arts

ELA 10 (Compulsory)

English Language Arts 10 invites students to engage with a diverse range of texts and compositions, focusing on how identity, social responsibility and social action are expressed and interpreted through language. Students develop literacy skills in constructing meaning, creating original compositions across genres, and recognizing how reflection, collaboration and revision support future learning. This course lays the groundwork for deeper understanding by focusing on how meaning is constructed, how ideas are shaped across modalities and genres, and how language can be used to express, challenge or reflect lived experiences.

ELA 20 (Compulsory)

English Language Arts 20 deepens students' engagement with genre, language and composition creation by encouraging more nuanced exploration of self, society and the world. Students demonstrate more nuanced interpretations of texts and compose original compositions with growing awareness of how voice, purpose and audience shape meaning. This course encourages students to refine their craft across forms and modalities, extending their ability to navigate ambiguity, consider multiple perspectives, and make deliberate stylistic choices. Through iterative processes of drafting, feedback, and revision, students strengthen their ability to use language to explore their place in the world and contribute to it with clarity and intention.

ELA 30 (Compulsory)

English Language Arts 30 challenges students to synthesize their learning by demonstrating advanced skill in critical reading, intentional composition and thoughtful expression. Students engage with complex texts, analyzing how language, form, and technique shape meaning and influence audience response. Students compose with precision across genres and modes, drawing on personal, cultural and social contexts to take creative risks and amplify their voice. This course emphasizes reflection, critical awareness and social responsibility, preparing students to participate thoughtfully in academic, professional and public contexts through compositions that are purposeful and responsive to the world around them.

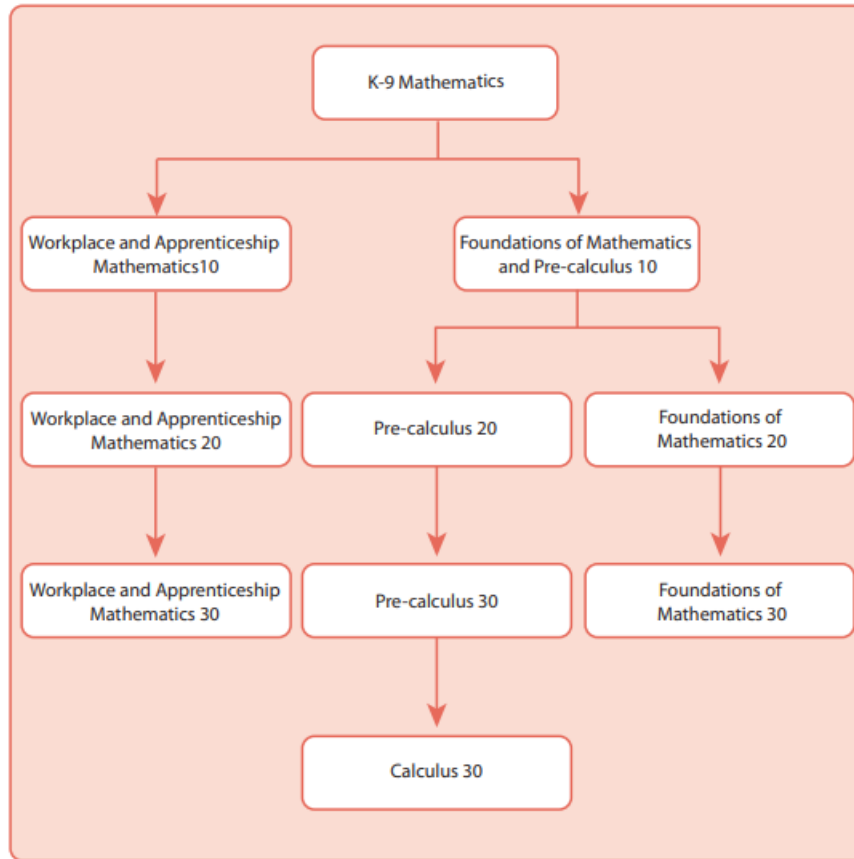
Journalism 20

Students will explore the role of journalism in society including journalistic ethics, rights and responsibilities. Students will develop the knowledge, skills and dispositions to analyze and create print, broadcast and photojournalism texts.

Media Studies 20

Students will explore both the historical and evolving role of mass media in society. Areas of focus include media literacy, social media, marketing and advertising. Students will create media and develop the knowledge, skills and dispositions to critically analyze how, why and by whom media texts are produced.

Mathematics



Workplace & Apprenticeship Mathematics 10

Prerequisite: Math 9

Credit: 1

The course focuses on mathematics that you will use in the workplace, as an apprentice, as a consumer or in running a business. There will be knowledge essential for specific trades and occupations. It tries to make the connection between school mathematics and the workplace by using specific work-related examples as much as possible.

Foundations of Mathematics and Pre-Calculus 10

Prerequisite: Math 9

Credit: 1

Foundations of Mathematics and Pre-Calculus 10 is a pre-requisite for both Foundations Math 20 and Pre-Calculus 20. It introduces and/or focuses on the concepts of factoring, rational and irrational numbers, laws or exponents, operations with polynomials, trigonometry, relations and functions, slope, linear relations, graphing, linear systems, the metric system and imperial measurements.

Workplace & Apprenticeship Mathematics 20

Prerequisite: Workplace and Apprenticeship Math 10

Credit: 1

Workplace & Apprenticeship Math 20 focuses on mathematics that you will use in the workplace, as an apprentice, as a consumer or running a business. There will be knowledge essential for specific trades and occupations. It tries to make the connection between school mathematics and the workplace by using specific work-related examples as much as possible.

Foundations of Mathematics 20

Prerequisite: Foundations of Mathematics & Pre-Calculus 10

Credit: 1

Foundations of Mathematics 20 is a pre-requisite for Foundations Math 30. 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.

Pre-Calculus 20

Prerequisite: Foundations of Mathematics & Pre-Calculus 10

Credit: 1

Pre-Calculus 20 is a pre-requisite for Pre-Calculus 30. 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.

Workplace & Apprenticeship Mathematics 30

Prerequisite: Workplace & Apprenticeship Mathematics 20

Credit: 1

Workplace and Apprenticeship Math 30 focuses on mathematics that you will use in the workplace especially if you are planning to apprentice for a trade, take a college course or enter the workplace directly after graduation. Several of the topics focus on consumer and business mathematics. Others concentrate on mathematics that will be essential knowledge for specific trades and occupations.

Foundations of Mathematics 30

Prerequisite: Foundations of Mathematics 20

Credit: 1

Foundations of Mathematics 30 is designed to provide students with the mathematical understandings and critical thinking skills identified for post secondary students in programs that do not require the study of theoretical calculus. Topics include math of finance, statistics and probability, functions and some trigonometry.

Pre-Calculus 30

Prerequisite: Pre-Calculus 20

Credit: 1

Pre-Calculus 20 is a prerequisite for Calculus 30. 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 focus a great deal on trigonometry and functions with a small introduction to statistics.

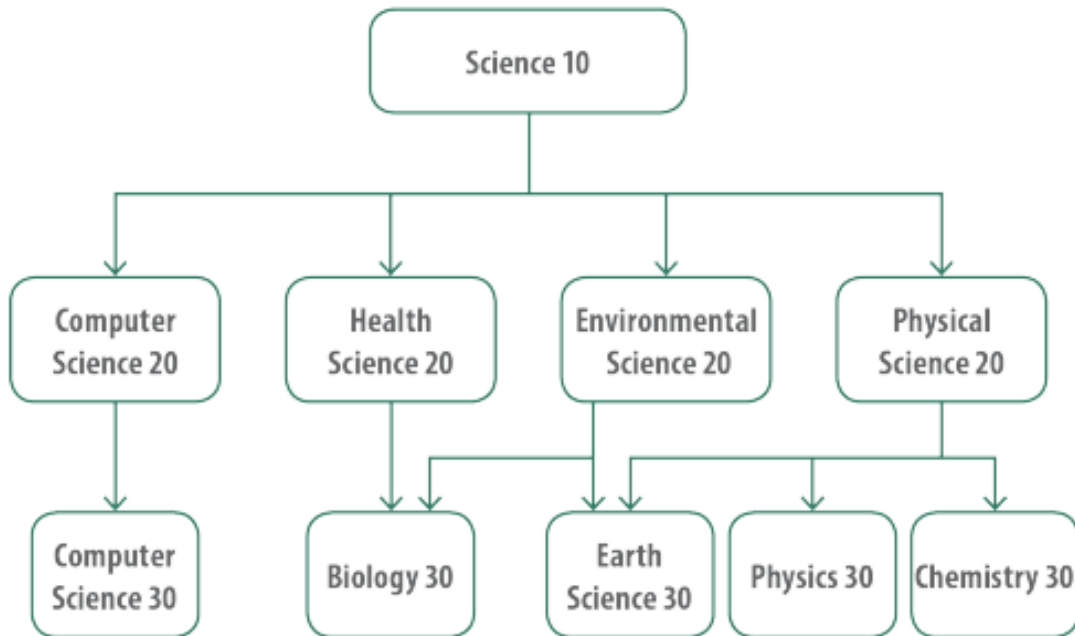
Calculus 30

Prerequisite: Pre-Calculus 30

Credit: 1

The goal of this course is to bring closure to many of the concepts surrounding mathematical functions presented in Pre-Calculus classes. Advanced function topics include limits, derivative, advanced function sketching, maximum/minimum problems and integration. This course may be a pre-requisite for some post-secondary programs.

Sciences



Science 10 (Compulsory Course)

Prerequisite:

Credits: 1

Science 10 exposes students to various topics in the senior sciences of Biology, Chemistry and Physics. Units of study and investigation include sustainability of ecosystems, chemical reactions, motion and weather dynamics. This course includes discussions, experiments, independent work and projects allowing students to learn by doing.

Physical Science 20

Prerequisite: Science 10

Credits: 1

This course combines chemistry and physics in an integrated manner to investigate concepts related to heating and cooling, the foundations of chemistry, including the mole and quantitative analysis of molecules and chemical reaction, and the characteristics and properties of waves.

Health Science 20

Prerequisite: Science 10

Credits: 1

Students will examine the range of philosophies that guide health care and consider ethical decision within those contexts. Understanding the basic anatomy and physiology of the human body and 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.

Environmental Science 20

Prerequisite: Science 10

Credits: 1

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.

Biology 30

Prerequisite: Health or Environmental Science 20

Credits: 1

Biology revolves around evolution, which is the basis of all modern biology. Topics include evolution, classification of life, comparative anatomy including some dissections of animals, Mendelian genetics, population genetics and biotechnology.

Physics 30

Prerequisite: Physical Science 20

Credits: 1

Physics 30 starts with a study of motion, including circular motion and Newton's laws, which describe the forces that cause motion. Students will investigate vectors and apply them to conservation of momentum. Mechanical energy is learned, and the modern physics unit includes relativity, quantum mechanics, and nuclear physics.

Chemistry 30

Prerequisite: Physical Science 20

Credits: 1

Chemistry covers topics including atomic and molecular structure, organic chemistry, and how these contribute to making new materials. Chemical systems at equilibrium are studied and applied to solubility and acid/base. The topic of electrochemistry, the study of batteries is also a concept covered in this course.

Computer Science 20

Prerequisite: Science 10

Credits: 1

The goal of this course is to provide an opportunity to learn about the technology we use every day, and to build skills in problem-solving and logical thinking. Students will be exposed to a variety of experiences to learn new skills, and then opportunities to demonstrate their learning. Topics include core principles, programming, hardware of computing, networking, network safety and a student directed project.

Computer Science 30

Prerequisite: Computer Science 20

Credits: 1

The goal of this course is to advance the skills of computer programming learned in Computer Science 20. Topics in this course include how numbers like binary, hexadecimal and decimal and letters are used in computing; strategies for working as a programming team and project management, and advanced Python programming including graphics and game design. This course also features a Capstone project where students use all of their skills to create a complex computer program of their own. Problem solving is an integral component of this course and is integrated throughout the course.

Social Sciences

History 10 (Compulsory Course)

Prerequisite: None

Credit: 1

The goal of History 10 is to help students understand the basic organizations of industrialized, democratic societies. History 10 outlines the basic societal organizations and provides historical examples to give students a basis for comparison. Political decision-making, economic decision making, ideology, and international political and economic relations are key content areas. The major concepts of interdependence, social institutions, decision making, power and ideology are developed.

History 20

Prerequisite: None

Credit: 1

The goal of History 20 is to help students understand the major issues facing humanity in the early 21st century. History 20 examines the global conditions, ideas and events of the 20th century that gave rise to these issues. Societal change, national security, self-determination, and current global issues are some of the major themes that students explore. They will also develop a variety of skills related to research, writing, and critical & dialectical thinking.

History 30 (Compulsory Course)

Prerequisite: None

Credit: 1

History 30 is a comprehensive study of Canadian history that spans pre-European arrival all the way to the modern era.

Psychology 20

Prerequisite: None

Credit: 1

Psychology is a study of human behavior within the Canadian setting. The purpose of the program is for the student to gain a better understanding of the factors that govern human behavior. It is designed to guide the students to a better understanding of themselves as individuals and as a part of the larger social context of their families, friends and citizens. Some factors are the brain and how it influences behavior, the type(s) and behavior of small groups, the learning process, sleep and dreams, mental illness, personality theories, and dysfunctional behaviors. Equally important as developing the understanding or content, the program provides an opportunity to develop skills in critical thinking, social interaction and personal adjustment. An inquiry approach is used to develop skills in research and reporting.

Psychology 30

Prerequisite: None

Credit: 1

Psychology 30 focuses on human development across the life span. Students will learn about human growth and changes in behavior associated with age, including the various stages of development from infant through childhood, adolescence, adulthood and old age. This course is designed to help students begin to discover how psychological theories, methods and studies lead to greater understanding of how, in general, humans think, feel and behave relative to each stage of development.

Law 30**Prerequisite: None****Credit: 1**

Law 30 is designed for students to become active and informed citizens who know and understand the nature of their rights and responsibilities. Students will become aware of the presence of law in their daily lives through the values, attitudes and behaviors present in the society around them. In Law 30, students will study the foundations of the Canadian legal system and the elements and processes of criminal and civil law in Canada. In addition, they will address contemporary legal challenges and new legal realities in a Canadian multicultural context.

Native Studies 10**Prerequisite: None****Credit: 1**

Students will learn about Indigenous peoples of Canada and explore First Nations, Inuit, and Métis perspectives on identity, worldview, community, kinship, governance, treaties, and economies. Content will include readings, videos, reflections, and projects, as well as study of current events as they apply to reconciliation.

Native Studies 30**Prerequisite: None****Credit: 1**

This course explores key topics including Indigenous and Treaty Rights, Governance, Land Claims and Treaty Land Entitlements, Economic Development, and Social Development. Through these units, students will examine the rights of Indigenous peoples of Canada, systems of governance, the impact of land agreements, and the social and economic factors that shape Indigenous communities today.

Physical Education

Wellness 10 (Compulsory)

Prerequisite: None

Credits: 1

Wellness 10 is designed for young people who are interested in developing their skill, strength, coordination and general body fitness. The primary aim of Wellness 10 is to expose the students to as many sports and fitness options as possible. Students are instructed in the basic rules of each sport. Students should develop an appreciation and understanding of a healthy lifestyle including physical activity, stress management, physical fitness, leisure activities, and healthy eating. A component of the student's grade will be determined by completing volunteer hours in the school and/or community setting.

Physical Education 20

Prerequisite: None

Credits: 1

In Physical Education 20, students will continue to develop their understanding of physical literacy. Students will explore health- and skill-related fitness through a variety indoor and outdoor physical activities. They will investigate how nutrition, mental health and a physically active lifestyle support personal well-being, will engage in service learning and explore topics of personal interest relevant to Physical Education 20.

Physical Education 30

Prerequisite: None

Credits: 1

In Physical Education 30, students will continue to develop their understanding of physical literacy. Through a leadership role, students will explore opportunities to support lifelong physical activity. They will investigate the effects of body management activities on the well-being of self and community, examine how nutritional choices and psychological factors can impact participation in physical activities, and will engage in service learning and explore topics of personal interest relevant to Physical Education 30.

Visual Arts

Visual Arts 10

Prerequisite: None

Credits: 1

The Grade 10 visual arts course combines the study of art appreciation, Saskatchewan art history, and visual culture studies with studio work. Design, drawing, painting, sculpture and other art forms will be examined in this course. Guided projects and some open-ended projects to allow for personal growth while learning to work with new mediums and techniques.

Visual Arts 20

Prerequisite: None

Credits: 1

This course is a studio-based course designed for students in Grades 11 and 12. The course focuses on artistic exploration, skill development, creative thinking, and personal expression. Students will study artists and movements, experiment with materials and techniques, and create original artworks that reflect both historical influence and individual voice. Because this is a combined 20/30 class, projects are shared while expectations for depth, independence, and reflection increase for Art 30 students. All students are encouraged to take creative risks, develop confidence in their work, and engage respectfully in critique and discussion.

Visual Arts 30

Prerequisite: None

Credits: 1

This course is a studio-based course designed for students in Grades 11 and 12. The course focuses on artistic exploration, skill development, creative thinking, and personal expression. Students will study artists and movements, experiment with materials and techniques, and create original artworks that reflect both historical influence and individual voice. Because this is a combined 20/30 class, projects are shared while expectations for depth, independence, and reflection increase for Art 30 students. All students are encouraged to take creative risks, develop confidence in their work, and engage respectfully in critique and discussion.

Drama 10

Prerequisite: None

Credits: 1

Students explore sources of inspiration for drama work and, through active participation, learn about various theatre genres, styles and performance practices. Students respond thoughtfully to their own and others' work and, using collaborative processes, create scenes or build a play that conveys their ideas and perspectives. In addition to researching the role of storytelling and oral history in Indigenous and other cultures, students examine theatre history from a variety of traditions. They investigate career and training opportunities for theatre artists and consider how drama reflects and affects human experience.

Drama 20

Prerequisite: None

Credits: 1

Students use storytelling and various genres, styles, theatre traditions and performance practices to express their ideas and build a play, incorporating artistic and technical components. Students learn, through active participation, how drama is influenced by social, cultural, environmental and personal contexts, and examine how Indigenous perspectives and ways of knowing, including local cultural knowledge, impact the creation of dramatic work. Students experiment with ways that diverse perspectives can be expressed through drama and respond thoughtfully to their own and others'

work. They investigate specific aspects of working in theatre and/or film, including performance and career opportunities in Saskatchewan.

Drama 30

Prerequisite: None

Credits: 1

Students use world theatre traditions to inspire ideas for their own drama work. They experiment with contemporary theatre practices, genres and styles and explore a multiplicity of artistic voices and perspectives. They consider the purpose of theatre in societies and research contemporary and/or current theatre practices of First Nations, Inuit and Métis artists in Canada. Through active participation in drama work, students explore the role of theatre and artists as potential agents of social change. Students make directorial choices for a performance that demonstrates creativity and innovation and reflect on their decisions, the creative process and the impact of their work.

Practical and Applied Arts

Home Economics

Prerequisite: None

Credits: 1

This course is designed for all students. This is a survey course that includes modules from various disciplines including food studies, food safety, and clothing/textiles.

Shop 10

Prerequisite: None

Credits: 1

This course is designed to create an appreciation of industry and to develop entry level skills within the industry. This is a survey course where students work on drafting, woodworking, small engines, welding and floor plans. There are additional fees to cover the cost of materials.

Shop 20/30

Prerequisite: None

Credits: 1

This course is designed to create an appreciation of industry and to develop entry level skills within the industry. This is a survey course where students work on construction, woodworking, electrical, welding and drafting. There are additional fees to cover the cost of materials.

Life Transitions 20

Prerequisite: None

Credits: 1

This course provides students with opportunities to explore factors that influence life balance including relationships, personal skills and interests, health self-care, responsible consumerism, citizenship, living independently and well-being.

Life Transitions 30

Prerequisite: None

Credits: 1

This course provides students with opportunities to further investigate factors that influence life balance including relationships, personal skills and interests, health self-care, responsible consumerism, citizenship, living independently and well-being. Life Transitions 30 also explores aspects of a holistic approach to mental well-being.

Design Studies 10

Prerequisite: None

Credits: 1

Design Studies 10 introduces students to the concept of design as part of everyday life, focusing on the principles and elements of design. Through exploration of various design fields, including engineering design, artistic design, architectural and interior design, students experience design fundamentals of form and function, and begin to develop skills common to all fields of the design world.

Information Processing 10

Prerequisite: None

Credits: 1

Information Processing 10 focuses on eight areas in a personal context: task management, digital citizenship and law, word processing, computer technology, spreadsheets, databases, photography

and video production, and design, drawing and painting. Using a variety of technological tools and platforms, students will develop and apply an understanding of information processing to communicate, solve problems and create products in a digital world

Interior Design & Decorating 30

Prerequisite: None

Credit: 1

Interior Design and Decorating 30 introduces students to the design and decorating related fields. The curriculum provides an opportunity for students to focus on interior design, interior decorating, or a combination of both. Students will explore the creative, client-focused nature of these fields while learning about how to apply elements and principles of design to solve client problems in residential and commercial settings.

Financial Literacy 20

Prerequisite: None

Credits: 1

Financial Literacy 20 focuses on seven areas: earning, saving, spending, borrowing, sharing, investing and protecting. The course is an introduction to financial issues and decisions that students may already be facing and addresses topics such as the purposes of money, the importance of decision making as it applies to finances, information security, budgeting fundamentals, cell phone contracts, maintaining accurate financial records, the concept of interest and career opportunities in the financial industry.

Career & Work Experience 20

Prerequisite: None

Credits: 1

This course emphasizes the importance of career development as a life-long process. Students identify their unique skills and abilities and learn to make decisions based on occupational choices. Students will increase their awareness of, and access to information that will shape and manage their lifelong career development. Students will also spend 50-70 hours outside of the classroom exploring work roles. Students do not receive any remuneration for their work experience. The student is required to provide their own transportation to the work site.

Career & Work Experience A30 & B30

Prerequisite: None

Credits: 1

This course gives you an opportunity to explore different careers that fit your interest and future plans. The aim of CWEX is to provide you with training and knowledge so you can be informed and safe while in the workplace. The class is divided into two portions: In-Class learning (Occupational Health and Safety, WHMIS, hazards, fairness, readiness to work) and work placement of 70-75 hours outside of the classroom exploring work roles. Students do not receive any remuneration for their work experience. The student is required to provide their own transportation to the work site.

Leadership 30

Prerequisite: None

Credits: 1

This course focuses on developing group leadership skills, with an emphasis on strategic planning, communication, and community service. The course is structured around a major service project, allowing students to apply leadership concepts in real-world contexts. At the end of this course, you get to put your leadership skills to the test with a self-designed service project.

Volunteerism 30

Prerequisite: None

Credits: 1

This credit will allow you to do work in your community to get High School credit. The Volunteerism 30 credit recognizes students who commit to actively participating in supporting and strengthening their communities by donating 100 hours of their personal time to work at community activities. These activities can be with one or many organizations in your community. Hours logged during community service activities may take place in a variety of settings, including businesses, not-for-profit organizations, public sector institutions (including hospitals and care facilities) and informal settings.

Special Credit

Prerequisite: None

Credits: 1

Special projects are student-initiated and designed to encourage the pursuit of learning in an area of personal interest or passion. The content of the special project(s) need not be related to a specific school subject. If a special project is related to a specific school subject, the content of the project shall be distinct from and in addition to regular course requirements. Project proposals are approved by the school and/or school division.

Forensic Science 20L

Prerequisite: None

Credits: 1

Forensic Science 20L aims to provide students with knowledge, skills, and abilities to analyze how collecting and interpreting evidence connects science with societal expectations. Students will use these skills to interpret forensic evidence and gain an understanding of the importance of scientific procedures in real-world observations. The course is structured into eight units, each focusing on a different aspect of forensic science. It utilizes a blended learning approach, combining independent study, online resources, and live sessions.

Mental Health & WellBeing 20L

Prerequisite: None

Credits: 1

Mental Health and Well-being 20 is a course that helps students understand how their thoughts, feelings, beliefs, and actions affect their own well-being and the well-being of others. Students will build practical skills to recognize mental health challenges, seek support, make informed choices, and challenge stigma.

Mental Wellness 30L

Prerequisite: None

Credits: 1

Mental Wellness 30 explores the theory, physiology, cultural perspectives, and lived experiences connected to mental wellness. Students learn about positive mental health, brain science, common mental health disorders, and self-care practices.

Livestock 10

Prerequisite: None

Credits: 1

This course will introduce students to the different types of livestock raised in Saskatchewan. Students will learn the basics of farm safety, applied to both working with livestock and machinery, as well as animal breeds and behaviours, basic handling strategies, and livestock healthcare. Students will be asked to communicate with local farmers to see how their learning compares to real life application.

Livestock 20

Prerequisite: None

Credits: 1

Livestock 20 builds on the basics of livestock production and care. Students will learn about farm safety, chemical safety, and mental health in the workplace. The course explores Indigenous contributions to agriculture and the importance of treating animals properly. Students will study livestock handling, nutrition, health, and disease prevention. They will also learn how to plan and manage a livestock operation. This course is a good fit for students interested in agriculture or working with animals.

Crop Production 10

Prerequisite: None

Credits: 1

Agriculture Crop 10 explores how crops are produced in Saskatchewan and how agriculture connects to food systems, technology, and the environment. Students will learn about soil and water stewardship, crop varieties, farm safety, and precision agriculture while applying their learning through design projects and real-world case studies. The course highlights both traditional and innovative practices in modern crop production.

Crop Production 20

Prerequisite: None

Credits: 1

Crop Production 20 explores soil health, including nutrient cycles and how to manage soil for healthy crop growth. Students will also examine planning and managing crop production, along with factors that affect crop success. Additional topics may include facilities, fertilizers, record keeping, and new technologies such as precision agriculture. This course is a good fit for students interested in farming, agronomy, or careers in crop production

Photography

The purpose of Photography 10 is to develop your skills with digital photography. Topics of study include the camera – functions, ISO, shutter speed, aperture, file saving and structures, resolutions, composition, light, photoshop and camera image adjustments, portfolio of work and career exploration.

Wildlife & Habitat 10

The purpose of Wildlife and Habitat 10 is to develop wilderness skills, learn about game and their habitats, and hopefully, go on a camping excursion. Topics of study include land-based learning, indigenous skills and relationships to the land, wilderness safety, navigation, ropes and knots, shelters, game harvesting practices, angling and fishing, safety and regulations while harvesting game, wildlife and their environments, how our climate impacts habitats, wilderness careers and group and leadership skills.

Wildlife and Habitat 20

The purpose of Wildlife and Habitat 20 is to develop more advanced wilderness skills, learn about game and their habitats, and hopefully, go on a camping excursion. Topics of study include land-based learning, wilderness first aid, navigating without a compass, advanced knots, fire building, knife skills, plant identification and skills, lashing, tarp/temporary shelters, emergency and natural shelters, effects on humans on wildlife habitats, wildlife rescue and rehabilitation, angling and fishing skills, hunting and game, bowhunting, safe firearm use, trapping and planning an overnight excursion.

Emergency Services 20

This course is designed to introduce you to the different emergency service pathways that serve your communities: Sask911, Policing, EMT (Paramedics), Firefighting and Search and Rescue (SAR). We often see the public facing sides of these services, but this course will give you a first-person view of the career options, training, tools, challenges, and situations these service members encounter. You will also be participating in demonstrations and practical skill building to see what it takes to become an emergency services member. Topics of study includes basics of emergency services, 911, communication skills, careers (jobs-levels-skills and training), hazards and safety, emergency vehicles, firefighting (exploring fire, fire extinguishers, equipment-tools-PPE), EMS, Police, SAR (Search and Rescue), First Aid certification

PAA Survey Modules

Intermediate Wilderness Skills

Do you want some basic skills to help thrive and survive in the wilderness? Do you want some more advanced skills when enjoying wilderness excursions?

Students will construct land-based knowledge, acquire outdoor skills used in a variety of pursuits related to the Saskatchewan wilderness. Topics of study include land-based learning, wilderness first aid, advanced knots, tarp/temporary shelters and fire building.

Advanced Wilderness Skills

Do you want some advanced skills to allow you survive in the wilderness even in emergency situations? Do you want some more advanced skills when enjoying wilderness excursions?

Students will construct land-based knowledge, acquire outdoor skills used in a variety of pursuits related to the Saskatchewan wilderness. Topics of Study include land-based learning, emergency and natural shelters, lashing, knife skills, navigating without a compass and plan an excursion.

Intro to Forestry Studies

The forestry industry in Saskatchewan is thriving and important to our economy, but it also has to be managed with ecologies protected so the environment and the commercial interests of our forests.

Students will have the opportunity to learn about our forests in Saskatchewan as an investment in our shared existence. Topics of study include land based learning, careers in forestry, Saskatchewan forests and their ecosystems, Treaties, Territories and partnerships, forest harvesting, forest healthy and conservation and forest fires.

Digital Production & Information

Intro to Information Processing

Being able to use a computer for personal, educational, and professional purposes is becoming increasingly important. Basic skills need to be developed somewhere, how about here! Students have the opportunity to learn some basic skills about common software and skills that they can use right now. Topics of Study include: using technology safely, document formatting with resumes and cover letters, Email, spreadsheets with Excel.

Intro to 3D Printing

Let students' juices flow for them to learn how to design objects in a digital space and then turn that into a physical object with a 3D printer. No printer needed!

Students have the opportunity to learn how to use 3D CAD (computer aided design) modelling software in a beginner sense. Just because it's a beginner course, does not mean there isn't any challenge. Students will then learn how to take digital objects and prepare them for 3D printing. Topics of Study: uses of 3D printers, 3D printer parts, printing safety, 3D modelling and design, measurement, replicating objects and a major design project.

Intro to Photoshop

If students love taking, enhancing, and modifying images in creative ways, Introduction to Photoshop will catch their attention. Many students know what Photoshop is, however they have no idea how creative they can be when they are turned loose.

Students have the opportunity to learn how to adjust and enhance images, and learn about tools they can use to compose art of their own. The skills of editing and altering images can be used across many curricula, not just art or photography.

There are also opportunities for extension and learning advanced skills for those who have some experience or who fly through. Topics of Study include the workspace and tools, basic photo corrections, selections, layers, layer masks and masking, typography and major image collection

Intro to Video Production

If students love to create stories on film, they will be able to explore how to use Adobe Premiere Pro. Students will be learning how to create and edit films using industry software, and then push their creation out to a wide audience. Topics of Study include planning for video, shot types and composition, files structures and saving, editing with premier Pro, exporting videos, creating their own films and major film production.

Audio Production

This course is great to expose students to a different way of creating media. Some students may be interested in producing music, some interested in animation or voice work, or maybe some just want a different way to create responses to tasks. Audio can be the way.

Students will have the opportunity to learn how to record voices and other audio elements, edit audio clips, and integrate sound effects and music into audio projects. Through the making of audio products, students will also have the opportunity to learn about different equipment to make audio recording and learn how to use audio editing software. Topics of Study include: choosing music for mood and effect, how sound effects are made – Foley arts, selection and editing of sound effects, different equipment for recording voices and music, different spaces used for recording, voice over work in media such as film, TV, radio, and video games, scripting of audio productions, audio recording and editing, file and project management, major audio recording.

Online Streaming with OBS

Streaming and creating content for the internet is becoming big business, and a possible career path for students. Many students have watched livestreams, and all have watched some YouTube videos, and this gives them an idea what it takes to create content for online audiences. Students have the opportunity to learn how to plan, create, and produce a live stream style production. This module also teaches students how to record their screens and programs on their computers. Topics of Study include building your brand, technology for streaming, studio setups, broadcast standards and rules, livestream production techniques, scripting and planning and major mock live stream.

CNC Manufacturing

Get an opportunity to learn how to produce your own fabricated items using digital design techniques and our brand new CNC wood routers (Robot controlled routers)! Learn how to use CAD software, as well as plan and create designs to be physically created out of wood and plastic. You do not need a machine, you will have an opportunity to use one, or have projects done for you and mailed out. Topics of study include different CNC machines, designing with VCarve, cutting options, tooling, toolpaths, safety, material selection, finishing, 2 major design projects.

Intro to Robotics

Robotics and Automation is a course that is designed to expose students in Grade 10 and 11 to coding, computer science and the future of robotics and automation in our world. By giving students a background into what automation is and give them the basic beginning skills of coding, we hope that this will encourage students to further their knowledge with Robotics or enter the Computer Science 20/30 courses in Grade 11/12. Students will explore careers and examples of Robotics and Automation through the inquiry model. Students will have hands-on learning with programs like Scratch and the use of Microbits while coding. Topics of study include history of robotics and automation, careers, file management, block coding and debugging, microbit projects and a major coding task.

Advanced Digital Production

Advanced Photoshop - Requires Intro to Photoshop

Topics of study include resolutions for print and screen, transparencies, advanced composition, vectors and major media production

Advanced Video Production - Requires Intro to Video Production

Topics of study include fancy editing techniques – adjustments, colour, styles, built in templates, incorporating multiple media, green screen work (keying), motion and graphics, major film production.

Advanced Coding - Requires Robotics and Automation.

Get your hand onto some real code, and program a virtual robot – Reeborg- in Python!

Topics of study include variables, if statements, while statements, functions, debugging and a major programming task.

Advanced 3D Printing and Robotics - Requires Intro to 3D Printing, Robotics and Automation

We integrate 3D printing into robotics.

If you like tinkering, designing, and engineering creative solutions, this module is for you!

Design, build, and program robots of your own. Use 3D printing and Micro:bit techniques to build a robot from the ground up. Topics of study include measuring and precision, advanced supports, the prototyping workflow, replicating real-world components, adding and simulating parts, servos and sensors and a major project – build a robot.

Extended Digital Production

These projects take advanced topics and allow you to create a big project all on your own. These can be taken in the same semester as other modules, or multiple of these taken in one semester. Each Extended study takes between 30-40 hours.

Audio Production – Radio drama or Series

This will be a small featurette or series - totaling 20-30 minutes or so. Knowing that, you need to have a fair amount of content to fill that time. Some suggestions include audio documentary of your family/community/town, radio play - your own or found, radio show series, radio commercial series - make a set of commercials for a local business or group, instructional or how to show

CNC – Community Project

You are going to be working as a design team or individual to plan, design, and carve some items for a client of your choosing. Some topics of study include signs at a school, community centre, a business, library, rink or park.

Data Analysis – Solving problems

You will be working with a client to discover and answer a question they have using their data.

You will be doing all of the work on this project in Jupyter Notebooks and then doing data collection, data cleaning, data manipulation, creating visualization and presenting findings and recommendations

Photoshop – Design for Others

You will be creating an advanced photoshop project using everything you have learned and more. You will be going through the process of making digital art for an audience/client. It all has to be very high quality, have a common theme, and be seen by a wide audience. Some topics of study may be graphic design set for a business (letterhead, advertisements, business cards, business logos, posters, website images, etc) - real or fake, set of movie posters and artistic gallery - your own choice

Live Streaming – For an actual audience

You will be creating a series of 3 live podcasts OR cover a live event for your school/community (like a sporting event). Topics of study include: Podcast/Stream should around 20 minutes long, but could be longer if need be (but be careful, long productions make for longer editing times). A live event coverage will be a 1-time stream of at least one hour. The broadcast will include live elements, Photoshop logos/titles/assets, edited B-Roll and event coverage, and all be streamed using OBS.

Video – Indie Film/YouTube Channel

You are now a film maker and you will get to create and produce a film or series of your own. You can use yourself alone, gets some friends, family, others, whoever really. This will be a small featurette or series totaling 25-30 minutes or so. Knowing that, you need to have a fair amount of content to fill that time. Some suggestions include: documentary of your family/community/town, a series of commercials for a community business/group, music video - either someone else's music, or yours Short film - make something up, Film competition - there are lots out there, let me know and I'll help you find some, stop motion film - takes a long time but looks cool, a YouTube Channel startup

Video and Photoshop – Your Own News Network

You will be making 3 News broadcasts. Each production should be around 15 minutes long, however could be longer if need be (but be careful, long productions make for longer editing times). This news broadcast will include live elements, Photoshop logos/titles/assets, edited B-Roll and event coverage, and all be streamed using OBS. You will create some sort of treatment/script/idea/interview planning your own created stills, logos, high quality recordings, high quality music, high quality sound effects Edited B-roll/features, OBS live streaming scenes and setup

Life Essentials

Care

As the saying goes, it takes a village to raise a child. Throughout your life, you will encounter children at many different stages of development. In order to understand and care for these little beings, it helps to understand milestones, wellness, and care for children. In this module, students will study the development of infants and children, learn skills for caring and babysitting, and observe ways in which nature and wellness can enrich childhood. Topics of study include developmental milestones of human growth, nature and wellness, and caring for infants.

Life Transitions

This module provides students with the introductory skills to take care of their own wellness and wellbeing as they navigate life. Students will study not only how to care for themselves physically and emotionally, but also how to navigate their relationships to maintain a positive and supportive community around them. Topics of study include personal and physical safety, communications, family relationships and mental wellness.

Financial Literacy

An introduction to financial decisions and issues that students may face or are already facing in life. Students will study financial goal setting and budgeting based on prospective careers, as well as be introduced to the process of organizing and filing personal taxes. Topics of study include decision making, goal setting, budgeting, and taxes.

Agriculture

Sustainable Food Systems

Students who are interested in learning the source of their food and making sustainable choices at the grocery store will enjoy this module. Students will explore what agriculture is and what the province of Saskatchewan contributes to the market. Then, they will study the practices farmers use to maintain the land while ensuring our society is food secure. Lastly, students will conduct inquiry based research on a current agricultural topic of their choice. Topics of study include what is agriculture? Food security, food choices, career exploration

Agriculture Business

Agriculture is not just about production, it requires a business mindset as well.

Students will explore the current agricultural market in Saskatchewan and learn how our ag sector contributes to the supply chain. Then, students will research the skills it takes to run an agribusiness and discover examples of this within their own community. Lastly, students will create their own agricultural enterprise and present their idea in a “Shark Tank”-like presentation. Topics of study include: SK agriculture market, supply chains, agribusiness, and planning an enterprise.

Livestock Production

This agriculture module focuses on the raising and production of livestock within Saskatchewan. Students will learn how to gather and organize information about livestock, the design process when setting up a facility, nutrition requirements of livestock, and the production of livestock to market. Topics of study include introduction to agriculture, information gathering, livestock facility design, livestock nutrition and livestock products.

Creative Living

Foods

We all need to eat to survive, therefore we all need the knowledge and skills to prepare meals. This module will explore the basics of food safety, tools, and preparation so you are equipped to make food choices in your future. Students will navigate the science of baking, recommended food groups and nutrients and popular food trends of today! Topics of study include kitchen safety, tools & equipment, baking basics, Canada’s food guide, food trends, and kitchen safety.

Fashion

This module focuses on the design process of clothing and textiles. Students will study different types of fabrics and the production of clothing. Then, students will learn the elements and principles of design that are considered when designing clothing for purchase. Lastly, students will redesign existing clothing and create clothing illustrations using croquis templates. Topics of study include textile care, textile science & technology, design fundamentals, clothing decisions.

Interior Design

This module includes all design decisions of the home. Students will learn the elements and principles of design to consider when staging a room, as well as how to bring in cultural and personal influences. Students will explore career opportunities pertaining to interior design & decorating and complete the course by designing a room for a client. Topics of study include design vs. decorating, elements & principles of design, cultural influences and the design process.