



sky+ PLUS Learning

STUDENT HANDBOOK

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Welcome

Welcome to SkyPlus Learning. These bundles and modules are intended to give **you**, the student, control over what you learn and how you do it!

What is SkyPlus Learning going to look like?

When you enroll in a SkyPlus Learning course or module, it will be a blended experience.

What sets SkyPlus Learning apart is that we will be bringing opportunities to learn to you! Students will be actively learning in their home schools, with the assistance of staff, as well as their blended teacher. You have the opportunity to meet with your SkyPlus teacher every day on Zoom, as well, you will be meeting with your SkyPlus teacher and other students multiple times throughout the semester. These meeting times allow for us to work on the physical skills of your learning, as well as time for reflection, connection, and planning with other students working on similar skills.

Pathways

In SkyPlus Learning, you have a great amount of choice. It is not unlimited, but it is very flexible. When considering your choices, you will need to think of a few things:

1. What am I interested in? This is a great place to try things out! You may not have tried a skill or task before and would like to give it a go. Maybe you have already done some work in one area and want to pursue it further.
2. What have I already taken? You can't get credit for taking the same modules you did before. So, if you have done an introductory module in a previous grade, you can't take it again, take more advanced modules.
3. Prerequisites? Some of the courses need a class before.
4. Am I willing to do the work?

Electives

Forensic Science 20L



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 & Well Being 20L



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



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.

Science

Computer Science 20



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, python programming, hardware of computing, networking, and network safety.

Computer Science 30



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.

Environmental Science 20



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 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

Law 30



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 with a focus on criminal law. In addition, they will address contemporary legal challenges and new legal realities in a Canadian multicultural context.

Native Studies 10



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



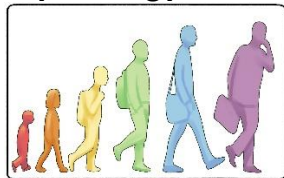
This course explores key topics including Indigenous and Treaty Rights, Governance, Land Claims and Treaty Land Entitlements, Economic Development, and Social Development. Through these units, students will examine the rights of Indigenous peoples of Canada, systems of governance, the impact of land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

Psychology 20



Psychology is a study of human behavior. 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 works, how our behaviour is developed, the learning process, mental illness, personality theories, and dysfunctional behaviors.

Psychology 30



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.

Experience Pathways

Apprenticeship A20, B20, A30, B30



To obtain an Apprenticeship Credit, a student is required to seek an active licensed journeyman to be employed under the supervision of a certified journeyman or a non-journeyman with approval from the Saskatchewan Apprenticeship and Trade Certification Commission in a non-compulsory trade. Up to 100 hours worked for each level are eligible for submission to the Saskatchewan Trade Certification Commission towards trade certification.

Brilliance Project



If you are driven by curiosity and love the independence to set your own learning course, then the Brilliance Project is perfect for you. In this 100-hour course, you will have the opportunity to earn a high school credit while exploring an area of personal interest. Tap into resources and people and design a way to communicate your new knowledge, skills, or experiences. For this to work, you must be exceptionally driven, hardworking, and have independent research skills. Time management is a must.

Career & Work Experience 10, 20, A30, B30



These courses give 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, , job search skills, and readiness to work) and work placement of 50-80 hours outside of the classroom exploring work roles.

Leadership 30



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



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.

PAA

Two choices

You have to big decisions to make:

1. **Pure PAA Courses** – Take a semester-long dive into one whole skill.
 2. **Thematic Bundles** - Not sure what choices to make? Have a particular interest? You can choose modules that have the same theme – like Digital Production, Agriculture, or Creative Living.
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Pure PAA Courses

Instead of learning a variety of skills, you get to learn one set of related skills really well. Instead of receiving a PAA Survey mark, you would have a mark for the specific class.

Some of the higher level classes requires prerequisites from the 10 level classes, so ensure you take them in an appropriate order.

Crop Production 10



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



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

Emergency Services 20



This course is designed to introduce you to the different emergency service pathways that serve your communities such as Sask911, policing, EMT (Paramedics), firefighting, and search and rescue (SAR). 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.

Interior Design & Decorating 30



This course 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.

Livestock 10



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



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.

Photography 10



The purpose of Photography 10 is to develop your skills with digital photography. You will learn the functions and artistry of using a digital SLR camera, as well as composition, light, and how to edit photos in Adobe Photoshop.

You will require the use of Digital SLR camera and a windows laptop – A Chromebook will not be good enough for this course

Wildlife and Habitat 10



The purpose of Wildlife and Habitat 10 is to develop wilderness skills, learn about game and their habitats, and learn skills for use in the wilderness. You will learn about wilderness safety and trip planning, ropes and knots, compass navigation, Game harvesting practices. You will also study regulation and safety considerations for hunting and fishing, as well as how our climate affects these industries.

Wildlife and Habitat 20



The purpose of Wildlife and Habitat 20 is to develop more advanced wilderness skills, advanced trip planning, safety, and different game and their harvesting practices. You will extend your learning about ropes and knots, navigation, shelter building, tools like knives and axes, fire skills, and wilderness first aid.

PAA Survey Courses

If you have a certain theme in mind, try a bundle! Under each bundle name you will find a menu of modules you can take. Pick three modules in a bundle to make a course for yourself.

Bundle	Modules
Digital Production and Information	Intro to Information processing, Intro to 3D printing, Intro to Photoshop, Intro to Video Production, Audio Production, Online Streaming, CNC Manufacturing, Intro to Robotics, Advanced Photoshop, Advanced Video Production, Advanced Coding, Advanced 3D Printing and Robotics, Extended Digital production projects
Language, Identity, and Culture	Cree, Land-Based learning, Intro to Wilderness Skills, Intermediate Wilderness Skills, Advanced Wilderness Skills, Intro to Forestry
Life Essentials	Child Care, Financial Literacy, Life Transitions
Agriculture	Sustainable Food Systems, Agriculture Business, Livestock Production
Creative Living	Food Studies, Fashion Design, Interior Design

Introductory Digital Production and Information

CNC Manufacturing – [Check it Out – CNC Carving](#)



Learn how to produce your own fabricated items using digital design techniques and 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.

Intro to Information Processing



Being able to use a computer for personal, educational, and professional purposes is becoming increasingly important. \ Students have the opportunity to learn some basic skills about common software and skills that they can use right now like safety online, resumes and cover letters, email, and spreadsheets

Intro to 3D Printing – [Check out – What is 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. Students will then learn how to take digital objects and prepare them for 3D printing.

Intro to Photoshop



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.

Intro to Video Production



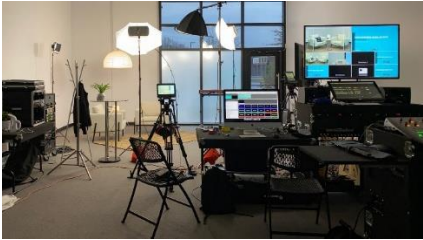
If students love to create stories on film, they will be able to explore how to use Adobe Premiere Pro. Students will be learning how to plan, create, and edit films using industry software, and then push their creation out to a wide audience.

Intro Audio Production



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. Students will have the opportunity to learn about different equipment, techniques, how to record voices and other audio elements, edit audio clips, and integrate sound effects and music into audio projects.

Online Streaming with OBS



Streaming and creating content for the internet is becoming big business, and a possible career path for students. 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.

Intro to Robotics



This course is designed to expose students in Grade 10 and 11 to coding, computer science and the future of robotics and automation in our world. Students will explore careers and examples of Robotics and Automation through the inquiry model. Students will also have hands-on learning with coding through Micro:bits.

Advanced Digital Production and Information

These courses require taking the introductory courses first

Advanced Photoshop

Requires Intro to Photoshop

Topics of Study:

- Resolutions for print and screen
- Transparencies
- Advanced Composition
- Vectors
- Major media production

Advanced Video Production

Requires Intro to Video Production

Topics of Study:

- Fancy editing techniques – Adjustments, colour, styles
- Built in templates
- Incorporating multiple media
- Green Screen work (keying)
- Motion and Graphics
- Major Film production

Advanced Coding

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

Topics of Study:

- Variables
- If statements
- While Statements
- Functions
- Debugging
- Major programming task

Advanced 3D Printing and Robotics

We integrate 3D printing into robotics.

Requires Intro to 3D Printing and Robotics and Automation

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:

- Measuring and Precision
- Advanced Supports
- The Prototyping Workflow
- Replicating real-world components
- Adding and simulating parts
- Servos and sensors
- Major project – Build a robot

Extended Digital Production and Information

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.

Place Based Components

- Student Project Showcase
- Community Projects

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:

- 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.

- signs at a school
- community centre
- a business
- library
- rink
- park

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.

- Graphic design set for a business (letterhead, advertisements, business cards, business logos, posters, website images, etc) - real or fake
- Set of movie posters
- 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).

- 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:

- 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.
- 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

Language, Identity, and Culture

Intro to Wilderness Skills



We live in the natural world, and in Saskatchewan, there is lots of it! Many of us enjoy camping, fishing, hunting, or just being out in nature, but how can we enjoy our huge backyard in a way that respects the land? Students will construct land-based knowledge, acquire outdoor skills used in a variety of pursuits related to the Saskatchewan wilderness like wilderness safety, navigation, and ropes and knots

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 like 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 like emergency and natural shelters, lashing, knife skills, navigating without a compass, and planning 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.

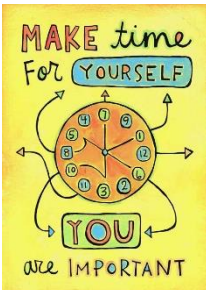
Life Essentials

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. 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.

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.

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.

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.

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.

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.

Creative Living

Food Studies



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!

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.

Fashion Design



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.