Dual Credit Handbook

Black Gold School Division

2022-2023

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Dual Credit General Information

As part of our commitment to *Inspire Success* in our students, Black Gold School Division (BGSD) offers a program which provides a dual credit opportunity to BGSD high school students. Through this program, students will earn college/university credits from a post-secondary institution *and* high school credits from their school by completing college-level coursework. This program is in partnership with Black Gold School Division, Lakeland College, Olds College, Portage College, Northern Lakes College, Southern Alberta Institute of Technology (SAIT) and Alberta Education.

Click here for a short video explaining more about Dual Credit! https://bit.ly/3Cw5oBp

Dual Credit Benefits

Dual credit helps students to:

- earn credits in high school ***and post-secondary institutions at the same time***, as well as earn credits that may lead to preferred placement and workplace certification.
- get a jump start on their post-secondary education while still in high school.
- potentially complete post-secondary with less financial debt. Through the Dual Credit Framework, high school students do not pay post-secondary tuition fees (only the cost of textbooks/supplies).
- gain confidence to succeed academically in a post-secondary environment.
- use the latest educational technologies which prepare them for the technological workforce.
- learn what college and university instructors expect, while still in familiar high school surroundings.

Costs

Black Gold School Division will pay all post-secondary school tuition fees for students enrolled in dual credit courses. Students will be responsible for purchasing all textbooks and required materials. These costs are indicated in the course descriptions. Information about purchasing the required materials will be provided to students once they have been accepted into the course.

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Dual Credit Application Steps

Determine if Dual Credit is for You: Conversations between student, parent and High School Dual Credit contacts are an important first step in the success of a student in the dual credit program. Have a conversation with your school dual credit supervisor (may be the principal, counselor etc) about the course you are interested in.

Prior to registering, please make sure you:

- ❏ Have the **prerequisites** for the course.
- ❏ Have a **block of time** in your schedule dedicated to the course.
- ❏ Are **committed to completing the course.** Limited numbers of students can participate and the course requires a major commitment on behalf of the student, the parent, the high school and the Post-Secondary Institute.
- ❏ Understand it is **your responsibility** to **purchase any textbook & materials** required for the course - these can be purchased through the online college Bookstores, Amazon.ca or other online stores. Costs are listed in the course descriptions and purchase information will be provided to successful applicants. Black Gold School Division pays all tuition costs.

For students who meet these requirements principals will provide a recommendation to the BGSD dual credit lead teacher.

Application to the Dual Credit Program: For students who have been recommended, the BGSD dual credit lead teacher will email the **BGSD Dual Credit Application Form** to them; this must be completed online. Applications must be submitted prior to the deadlines below. **Available spots will be filled on a first-come first-served basis**. Late applications *may* only be accepted if space is available. *Incomplete forms will not be accepted*.

Application are open NOW - Deadlines:
Semester 1: June 24, 2022
Semester 2: November 18, 2022

Confirmation: Once your application is approved, you and your parent/guardian will **receive an email** with instructions to confirm your registration. This includes completing the **specific application required by the Post-Secondary School** delivering the course.

***Important note:** The post-secondary institution creates student accounts and communicates using **student emails.** Students are encouraged to use their BGSD gshare accounts on the application forms and to check these accounts frequently for messages from the post-secondary institution and the BGSD dual credit lead teacher.*

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Dual Credit Course Schedule 2022-2023

Post Secondary Course	#HS credits HS & PS course codes	Schedule Sep - Dec	Schedule Jan - Apr.	Schedule Feb - May	Post Secondary	Course Prerequisite	Post-Secondary Program/Pathway	Student Cost	More Info
AGRICULTURE, HORTICULTURE & NATURAL RESOURCES									
Applied Ecology	5cr. PSI3227 EVS1210			✔	OLDS COLLEGE	None	Land & Water Resources Diploma	No costs	p.12
Solving Technology Problems	5cr. PSI3226 ATG1008	✔			OLDS COLLEGE	None	Precision Agriculture Techgronomy Diploma	~$150	p.33
Electronics & Control Systems in Precision Agriculture	5cr PSI3226 ATG1007			✔	OLDS COLLEGE	None	Precision Agriculture Techgronomy Diploma	~$70	p.20
Managing Landscapes	5cr. PSI3212 HRT1500	✔			OLDS COLLEGE	None	Horticulture Technologist Diploma	~$40 (pots, soil, scale)	p.29
Producing Horticulture Crops	5cr. PSI3213 HRT1700			✔	OLDS COLLEGE	None	Horticulture Technologist Diploma	~$40 (soil,plant trays etc.)	p.32
Basic Energy Principles	5cr. PSI3220 RC200	✔		✔	Lakeland COLLEGE	None	Renewable Energy & Conservation (Cert./Diploma)	No costs	p.13
Environmental Sustainability	5 cr. PSI3076 SC140	✔		✔	Lakeland COLLEGE	None	Environmental Sciences Majors	No costs	p.21
Intro to Soil Science	5 cr. PSI3073 SO102	✔		✔	Lakeland COLLEGE	None	AgriBusiness Diploma Crop Technology Diploma Agriculture Certificate	No costs	p.26
ANIMAL SCIENCE									
Intro to the Veterinary Profession	5cr. PSI3047 AHT1050	✔			OLDS COLLEGE	None	Animal Health Technology Diploma	No costs	p.28
Veterinary Practice: The Team Connection	5cr. PSI 3224 AHT1140			✔	OLDS COLLEGE	None	Animal Health Technology Diploma	No costs	p.36

Dual Credit Course Schedule 2022-2023 continued...

Post Secondary Course	#HS credits HS & PS course codes	Schedule Sep - Dec	Jan - Apr.	Feb - May	Post Secondary	Course Prerequisite	Post-Secondary Program/Pathway	Student Cost	More Info
BUSINESS, SPORTS MANAGEMENT & TOURISM									
Accounting Principles	TBD ACT1011			✔	OLDS COLLEGE	None	Business Management Diploma	~$100	p.8
Accommodation Management	5cr. PSI3174 HAT2038			✔	OLDS COLLEGE	None	Hospitality & Tourism Management Diploma	No costs	p.9
Intro to Sports Management	5cr. PSI3249 SPM1260	✔			OLDS COLLEGE	None	Business Management Diploma (Sports Management Major)	No costs	p.27
Training for Performance	5 cr. PSI3250 SPM1020			✔	OLDS COLLEGE	None	Business Management Diploma (Sports Management Major)	No costs	p.35
Business Management	5cr. PSI3014 MNGT200	✔		✔	SAIT	Grade 11 students with Social 10-1/10-2 and CALM	Bachelor of Business Administration	~$110	p.14
COMPUTER SCIENCE & ROBOTICS									
Computer Science Coding and Robotics	5cr. PSI3268 CSCR101	✔			PORTAGE COLLEGE	ELA 20 & Math 20 (-1 or -2) corequisite/prerequisite	None	~$70 kit	p.15
Electronics & Control Systems in Precision Agriculture	5cr PSI3226 ATG1007			✔	OLDS COLLEGE	None	Precision Agriculture Techgronomy Diploma	~$70	p.20
ESTHETICS AND HAIRSTYLING									
Hairstyling	*3 cr. HSA3900, 3406, 3411 HS160	✔		✔	Lakeland COLLEGE	none	Esthetician Clinical Esthetician	No costs	p.22
Intro to Esthetics	*3 cr. PSI3072 HS160	✔		✔	Lakeland COLLEGE	none	Esthetician Clinical Esthetician	No costs	p.24

Dual Credit Course Schedule 2022-2023 continued...

Post Secondary Course	#HS credits HS & PS course codes	Schedule Sep - Dec	Jan - Apr.	Feb - May	Post Secondary	Course Prerequisite	Post-Secondary Program/Pathway	Student Cost	More Info
HEALTHCARE									
Personal Health and Wellness	5cr. PSI3095 HEED105	✔	✔		PORTAGE COLLEGE	60% in ELA30-1 or enrolled in ELA30-1 with 70% in ELA 20-1	Advance Care Paramedic Practical Nurse Diploma Emergency Medical Responder Primary Care Paramedic	Textbook $100-150 new	p.32
Anatomy & Physiology	5cr. PSI3005 ANPH209	✔		✔	SAIT	Registered in Grade 11 or 12 (>70% bio20 or >60% bio30)	Diagnostic Medical Sonography Primary Care Paramedic Medical Lab Tech Rehabilitation Therapy Assistant	~$85	p.11
Infection Prevention and Control	5cr. PSI3188 INFC215			✔	SAIT	Registered in Grade 11 or 12 (>60% Sci10 and enrolled in bio20 or chem20)	Dental Assisting Diagnostic Med. Sonography Med. lab. Assistant Medical Radiologic Tech Nuclear Medicine tech	No cost	p.23
Medical Terminology	5cr. PSI3096 MEDT211	✔		✔	SAIT	Registered in Grade 11 or 12 (>60% Sci10 and enrolled in bio20 or chem20)	Medical Office Assistant & Unit Clerk Diagnostic Medical Sonography Medical Radiologic Technology	~$90	p.31
HUMANITIES									
Intro to Psychology	5 cr. PSI3001 PSYC104	✔	✔		PORTAGE COLLEGE	60% in ELA30-1 or enrolled in ELA30-1 with 70% in ELA 20-1	Practical Nurse Diploma Community Social Work Diploma University Transfer Program	Textbook ~$150 new	p.25
Intro to Sociology	5cr PSI3038 SOCI101	✔	✔		PORTAGE COLLEGE	60% in ELA30-1 or enrolled in ELA30-1 with 70% in ELA 20-1	Community Social Work Diploma University Transfer Program	Textbook ~140 new	p.26
Technology Tools for Teaching & Learning	5cr PSI3222 COMA200	✔	✔		PORTAGE COLLEGE	60% in ELA30-1	University Transfer Program Education Program	No costs	p.35
American Sign Language Part A	5cr PSI3214	✔		✔	Lakeland COLLEGE	none	American Sign Language and Deaf Culture Studies Certif.	No costs	p.10

Dual Credit Course Schedule 2022-2023 continued...

Post Secondary Course	HS credits & course	Schedule			Post Secondary	Course Prerequisite	Cost	More Info
		Sep.-Dec.	Jan.-Apr.	Feb.-May				
EARLY LEARNING & CHILD CARE PROGRAM								
CHILD AND ADOLESCENT DEVELOPMENT (CDEV0101)	5 cr. PSI3052	✔			NORTHERN LAKES COLLEGE	ELA 10-1 (60%) or 10-2(70%)	Textbook ~$140 new	p.16
INTRO TO EARLY LEARNING AND CHILD CARE (ELCC0100)	5 cr. PSI3125	✔			NORTHERN LAKES COLLEGE	ELA 10-1 (60%) or 10-2(70%)	Textbook ~120 new	
LEARNING THROUGH PLAY (ELCC0103)	5 cr. PSI3128		✔		NORTHERN LAKES COLLEGE	ELA 10-1 (60%) or 10-2(70%)	TBA in fall	
INFANT AND TODDLER CARE (ELCC0104)	5 cr. PSI3122		✔		NORTHERN LAKES COLLEGE	ELA 10-1 (60%) or 10-2(70%)	Textbook ~$100 new	
* These courses form part of the *Early Learning and Childcare Program* at Northern Lakes College. Students can complete individual courses. To complete the full program they will need to take additional courses from the college which can be done over multiple years. For more information, read about the program - LINK								
EDUCATIONAL ASSISTANT PROGRAM								
CHILD AND ADOLESCENT DEVELOPMENT (CDEV0101)	5 cr. PSI3052	✔			NORTHERN LAKES COLLEGE	ELA 10-1(60%) or 10-2(70%) Math 10C or 10-3	Textbook ~$140 new	p.18
INTRODUCTION TO EXCEPTIONALITIES (EDAS0108)	5 cr. PSI3057	✔			NORTHERN LAKES COLLEGE	ELA 10-1(60%) or 10-2(70%) Math 10C or 10-3	Textbook ~$90 new	
EFFECTIVELY MANAGING STUDENT BEHAVIOUR IN EDUCATIONAL SETTINGS (EDAS0102)	5 cr. PSI3053		✔		NORTHERN LAKES COLLEGE	ELA 10-1 or 10-2 Math 10C or 10-3	Textbook ~75 new	
PRACTICUM 1 & SEMINAR (EDAS0109)	3 cr. PSI3062		✔		NORTHERN LAKES COLLEGE	HCS3000 & enrolled in another EA course.	No cost	
*These courses form part of the *Educational Assistant Program* at Northern Lakes College. Students can complete individual courses. To complete the full program they will need to take additional courses from the college which can be done over multiple years. For more information, read about the program LINK								

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Accounting Principles

Course Description	**Accounting Principles (ACT1011)** - Students will gain an introduction to financial accounting focusing on the accounting cycle and the preparation of financial statements. Topics include accounting for merchandising activities, internal control, accounting for cash, temporary investments, accounts receivable, inventories, cost of goods sold, and current liabilities.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: None
Schedule	**Scheduled:** Feb. 2022 - May 2022
Post-Secondary Information	Olds College
Program Information	The Accounting Principles course is part of the following Olds College Pathways: • Business Management Diploma - General Management Major • Business Management Diploma - Sports Management Major
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) shows that in the 2022/2023 school year the course transferred to Athabasca University, Bow Valley College, Concordia University of Edmonton, Lethbridge College, Southern Alberta Institute of Technology (SAIT) and University of Lethbridge *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Unknown at this time as this is a new course to BGSD in 2022/23
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: • Business Management Diploma - General Management Major • Business Management Diploma - Sports Management Major
Costs	~$100 for a non-refundable digital resource

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Accommodation Management

Course Description	**Accommodation Management (HAT 2038)** - Students will assess customer needs and develop procedures and management strategies for accommodation service excellence. Students will gain an understanding of room management and facilities, with a focus on the analysis of services and operations from a guest perspective.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: None
Schedule	**Scheduled:** Feb. 2022 - May 2022
Post-Secondary Information	Olds College
Program Information	The Accounting Principles course is part of the following Olds College Pathways: ● Hospitality and Tourism Management Diploma
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) shows that in the 2022/2023 school year the course transferred to Athabasca University, Bow Valley College, Concordia University of Edmonton, Lethbridge College, Southern Alberta Institute of Technology (SAIT) and University of Lethbridge *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Unknown at this time as this is a new course to BGSD in 2022/23
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: ● Hospitality and Tourism Management Diploma
Costs	~$100 for a non-refundable digital resource

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American Sign Language 1 Part A

Course Description	**American Sign Language 1 Part A (ASL 101)** - Introduction to American Sign Language (ASL), its culture, and the community of Deaf persons who use this language. Learn how to have basic conversations, as well as use appropriate behaviours with the Deaf culture.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: None
Schedule	**Scheduled:** Sept.2022 - Dec. 2022 and Feb. 2023 - May 2023
Post-Secondary Information	Lakeland College
Program Information	The American Sign Language 1 Part A course is part of the following Lakeland College Pathways: ● American Sign Language and Deaf Culture Studies (Certificate)
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) does not indicate any specific transfer agreements for this course. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Students must attend one evening class each week.
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: ● American Sign Language and Deaf Culture Studies (Certificate)
Costs	Textbook loaned out by ECACS at no cost. A replacement fee will be issued if it is not returned

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Anatomy & Physiology

Course Description	**Anatomy & Physiology (ANPH209)** - Anatomy and Physiology provides learners with an overview of the anatomy and basic physiology of the human body. Areas that will be covered include the organization of the body; covering, support, and movement of the body; regulation and integration of body functions; maintenance of the body; and continuity of the human race. Diseases and aging processes will also be briefly discussed
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: Registered in Grade 11 or 12 and >70% in Bio 20 or >60% in Bio30
Schedule	**Scheduled:** Sept. 2022 - Dec. 2022 & Feb. 2023 - May 2023
Post-Secondary Information	SAIT
Program Information	This course is part of the following **SAIT Pathways**: • Diagnostic Medical Sonography • Primary Care Paramedic • Medical Laboratory Technology • Rehabilitation Therapy Assistant
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) shows that in the 2022/2023 school year the course transferred to University of Alberta, University of Calgary and University of Regina. This course will **NOT** likely transfer to NAIT. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Assignments, Quizzes, Final Exam
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: • Diagnostic Medical Sonography • Primary Care Paramedic • Medical Laboratory Technology • Rehabilitation Therapy Assistant
Textbook Costs	~$85

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Applied Ecology

Course Description	**Applied Ecology (EVS1210)** - This course provides an introduction to ecological principles at the species, population, community and ecosystem levels. Specific application of ecology to sustainability and the management of forest and grassland ecosystems are studied.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: None
Schedule	**Scheduled:** Feb. 2023 - May. 2023
Post-Secondary Information	Olds College
Program Information	The Applied Ecology course is part of the following Olds College Pathways: ● Land & Water Resources Diploma
Transferability	This course is considered low transferability. A Transfer Alberta search (http://transferalberta.alberta.ca) does not show any current transfer agreements for this course. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Unknown at this time as this is a new course to BGSD in 2022/23
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: ● Land & Water Resources Diploma
Textbook Cost	No additional costs

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Basic Energy Principles

Course Description	**Basic Energy Principles (RC 200)** - Provides understanding of principles of energy systems including electricity, heat, energy movement and water flow. Examines principles related to energy storage and transfer. Provides basic math review and practice with basic types of calculations used in the energy industry.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: None
Schedule	**Scheduled:** Sept.2022 - Dec. 2022 and Feb. 2023 - May 2023
Post-Secondary Information	Lakeland College
Program Information	The Basic Energy Principles course is part of the following Lakeland College Pathways: ● Sustainable Energy Technology (Certificate/Diploma)
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) shows that in the 2022/2023 school year the course transferred to Athabasca University as PHYS 2xx unspecified course. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Assignments, Discussions, Midterm and Final Exam
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: ● Sustainable Energy Technology (Certificate/Diploma) - Lakeland College
Costs	No additional costs

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Business Management

Course Description	**Business Management (MNGT200)** - The Introduction to Business course provides you with tools to understand business functions including management, human resources, marketing, supply chain and personal finance. You will explore the Canadian business system and environment, and the importance of business ethics. The course examines strategies for effective teamwork and provides opportunities to practice these strategies.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: Grade 11 students with Social 10-1/10-2 and CALM
Schedule	**Scheduled:** Sept. 2022 - Jan. 2023 & Feb.2023 - June 2023
Post-Secondary Information	SAIT
Program Information	The Intro to Business course is part of the following SAIT Pathways: • Bachelor of Business Administration • Business Administration
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) shows that in the 2022/2023 school year the course transferred to Athabasca University, Concordia University of Edmonton, University of Lethbridge & University of Regina *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Quizzes, Discussions, Simulations, Group Project, Final Exam
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: • Bachelor of Business Admin • Business Administration Diploma
Textbook Costs	Textbook and Simulation Software ~$110

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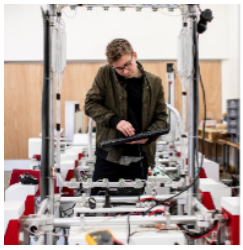
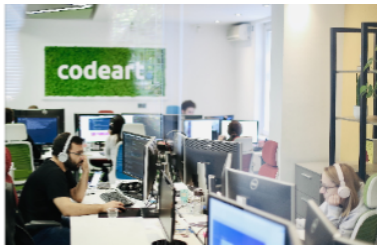
Computer Science Coding & Robotics





Course Description	**Computer Science Coding & Robotics (CSCR101)** - This class will challenge your problem-solving abilities, and equip you with an understanding of how some of the computer programs you use on a regular basis were made. In addition to building fundamental programming skills, you'll be developing projects that have both digital and physical aspects, driven by a Micro:bit single-board computer, an Astro Pi Sense HAT (Hardware Attached on Top), and a set of basic robotics electronics components.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: completed or enrolled in ELA20 & Math 20 (-1 or -2) - no coding experience required.
Schedule	**Scheduled:** Sept. 2022 - Jan. 2023
Post-Secondary Information	PORTAGE COLLEGE Portage College
Program Information	The Computer Science Coding & Robotics course is not part of a specific program at Portage College.
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) shows that in the 2022/2023 school year the course transferred to Athabasca University, MacEwan University and University of Calgary. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	12 Project Based assignments. Students begin with some basic coding assignments and move to robotics in week 6. No coding experience is required.
Cost	The cost during the 2021 year may involve students purchasing a $70 kit from amazon. However, there may still be funding to cover student's equipment in the fall course.

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Early Learning and Childcare Certificate Program

Program Description	Would you like to be a positive influence in the lives of young people? Consider a career in early learning and child care. The Early Learning and Child Care Certificate Program will give you the training you need to work in this rewarding career. You will be trained to work with children from birth to 12 years of age in settings such as daycares, preschools, after-school programs, and private day homes. Graduates will also develop the skills to work effectively with children with exceptionalities. The cost to take courses in this program through your high school is free (other than the cost of books). To take this full program after high school, tuition and material costs would be approximately $2600.
Credits	**High School Credits:** 5/course **Post Secondary Credits**: 3/course
Prerequisites	**Prerequisites**: minimum of ELA 10-1(60%) or 10-2(70%) to start taking a course in the program. To complete the full program students will require English 30-1 (60%) or 30-2 (70%) to take COMM1000 and ENGL1000.
Schedule & Course Descriptions	Students may take one or more courses from the program - as their schedule permits. They do not need to commit to completing the entire program. These are the first courses we are offering from this program. For a list of all the courses in the program click here **Child and Adolescent Development (CDEV0101) - FALL (Sept. - Dec.)** This course introduces students to the concept of life cycle and examines the principles, theories, and research findings that contribute to the understanding of normative development and learning in children from birth to early adolescence. Students will study the development of the whole child including social, physical, cognitive, creative and emotional development. Students in this course will also have an opportunity to study child development from a multicultural perspective **COST**: Textbooks must be purchased by the student ~$140 new but used may be available **Intro to Early Learning and Child Care (ELCC0100) - FALL (Sept. - Dec.)** In this course students will learn what is required to work professionally and effectively in Early Learning and Child Care environments. Students become knowledgeable in the history of Early Childhood Education programs, professional ethics, codes of conduct, job descriptions and role clarifications. Students will learn their role in public policy advocacy, provincial certification requirements and quality standards in Early Childhood Programs. Socio-cultural diversity with a unique Aboriginal perspective is explored in these areas. In addition, policies on early childhood from the National Association for the Education of Young Children (NAEYC) and Alberta Child and Youth Services are covered. **COST**: Textbooks must be purchased by the student ~$120 new but used may be available **Infant and Toddler Care (ELCC0104) - Winter (Jan. - Apr.)** Children thrive in environments that consider the well being of the whole child. This course focuses on developmentally and culturally appropriate programming that is appropriate for infants and toddlers in private and group childcare environments. **COST**: Textbooks must be purchased by the student - cost to be announced in fall **Learning Through Play (ELCC0103) - Winter (Jan. - Apr.)** Play is essential to development because it contributes to the cognitive, physical, social, and emotional well-being of children. This course discusses the importance of play for young children, and prepares students with the skills to develop developmentally appropriate play programs for children ages birth to twelve years. It also focuses on the importance of reinforcing creativity in young children. **COST**: Textbooks must be purchased by the student - cost to be announced in fall

Post-Secondary Information	Northern Lakes College For more information about this specific program at Northern Lakes College click here
Transferability	Transferability of these courses is unknown. Northern Lakes Colleges offers the entire Early Learning and Childcare Program online.
Other Information	Additional courses from this program may be requested if students have already completed the ones offered. Taking the CDEV0101 Child & Adolescent Development course leads to certification as a Child Development Assistant which is required to work at a licensed day care program.

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Education Assistant Program

Program Description	The Educational Assistant Program at Northern Lakes College will give you the training you need for a meaningful career working with children in school settings. Responsibilities include helping students with exceptionalities by adapting their educational materials and programs. Educational Assistants also observe and report student progress to teachers and other related professionals. As well, they help students learn in one-on-one or small group situations, promote inclusion, and prepare instructional materials for teachers. The cost to take courses in this program through your high school is free (other than the textbooks). To take this full program after high school, tuition and material costs would be approximately $5900.
Credits	**High School Credits:** 5 per course **Post Secondary Credits**: 3 per course
Prerequisites	**Prerequisites**: minimum of ELA 10-1(60%) or 10-2(70%) AND Math 10-C or Math 10-3 to start taking a course in the program. To complete the full program students will require English 30-1 (60%) or 30-2 (70%) to take COMM1000 and ENGL1000.
Schedule & Course Descriptions	Students may take one or more courses from the program - as their schedule permits. They do not need to commit to completing the entire program. These are the first courses we are offering from this program. For a list of all the courses in the program click here **Introduction to Exceptionalities (EDAS0108) - FALL (Sept. - Dec.)** Inclusion has led to the full integration of children with exceptionalities into many schools. This, in turn, has created a greater need for individuals with special training. This course examines the philosophy and educational concepts associated with inclusion. Students will have the opportunity to develop in-depth knowledge of strategies and interventions in the field of special education, and examine the use and application of Assistive Technology. The course will also focus on the effects of medications on behavior and learning, as well as the recognition and appropriate responses to many common health issues within inclusive classrooms and early learning environments. **COST**: Textbooks must be purchased by the student ~ $140 new but used may be available online **Child and Adolescent Development (CDEV0101) - FALL (Sept. - Dec.)** This course introduces students to the concept of life cycle and examines the principles, theories, and research findings that contribute to the understanding of normative development and learning in children from birth to early adolescence. Students will study the development of the whole child including social, physical, cognitive, creative and emotional development. Students in this course will also have an opportunity to study child development from a multicultural perspective. **COST**: Textbooks must be purchased by the student ~ $90 new but used may be available online **Effectively Managing Student Behaviour in Educational Settings (EDAS0102) - WINTER (Jan. - April)** Children learn best when their self-esteem is healthy and the educational expectations are clear. This course will focus on developing an understanding of the classroom as a dynamic learning environment in which the teacher assistant is an essential part; a philosophy of discipline that forms a basis for dealing effectively with children experiencing behavioral difficulties; and strategies and practical approaches for classroom management. Methods of pupil supervision; proactive approaches to discipline with an emphasis on problems solving and

	effective interventions; strategies for dealing with inappropriate confrontational behaviour in a productive life enhancing way; and observation and documentation of student actions in behavioural terms will also be included. **Registration Deadline: Mid November** **COST**: Textbooks must be purchased by the student - textbook costs to be announced in the fall. **Practicum 1 & Seminar (EDAS0109) - WINTER (Jan. - April)** The practicum experience provides the opportunity for students to meld theory with practice and refine their skills as educational assistants. Through facilitated group discussion and participation in 15 hours of seminar, students will also have the opportunity to link the classroom learning with field-related experiences and issues. Students with experience in the classroom may apply for advanced placement for this practicum. **Registration Deadline: Mid November** COST: no cost
Post-Secondary Information	Northern Lakes College For more information about this specific program at Northern Lakes College click here
Transferability	Transferability of these courses is unknown. Northern Lakes Colleges offers the entire Education Assistant Program online.
Other Information	Additional courses from this program may be requested if students have already completed the ones offered. Taking the CDEV0101 Child & Adolescent Development course leads to certification as a Child Development Assistant which is required to work at a licensed day care program.

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Electronics & Control Systems in Precision Agriculture

Course Description	**Electronics & Control systems in Precision Agriculture (ATG1007)** - Students will investigate foundations of control systems, electronics and practical applications in precision farming. Through experiential learning, students will identify and troubleshoot components within hardware and devices, demonstrate uses/applications of geospatial technology, test control systems and their role in product application, evaluate hardware and software, program farm equipment, and demonstrate a proven process for identifying/troubleshooting components in Agricultural Technology equipment and interpret digital diagnostic data.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: None
Schedule	**Scheduled:** Feb.2023 - May. 2023
Post-Secondary Information	Olds College
Program Information	The Solving Technology Problems course is part of the following Olds College Pathways: ● Precision Agriculture Techgronomy Diploma
Transferability	This course is considered low transferability. A Transfer Alberta search (http://transferalberta.alberta.ca) does not show any current transfer agreements for this course. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Unknown at this time as this is a new course to BGSD in 2022/23
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: ● Precision Agriculture Techgronomy Diploma
Textbook Cost	~$70 in materials - no textbook. Students require a computer running Windows 10 (not a Mac or Chromebook)

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Environmental Sustainability

Course Description	**Environmental Sustainability (SC 140)** - Students who are interested in a career in environmental sciences will benefit from Environmental Sustainability. This course focuses on human interactions with the environment.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: None
Schedule	**Scheduled:** Sept.2022 - Dec. 2022 and Feb. 2023 - May 2023
Post-Secondary Information	Lakeland College [Lakeland College]
Program Information	The Intro to Soil Science course is part of the following Lakeland College Pathways: ● Environmental Sciences majors
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) shows that in the 2022/2023 school year the course transferred to Concordia University as ENSC 1xx unspecified course and to MacEwan University as BIOL 103: Humans and their Environment. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Mix of unit tests and assignments.
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: Environmental Sciences - Lakeland College
Costs	Textbook loaned out by ECACS at no cost. A replacement fee will be issued if it is not returned

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Hairstyling

Course Description	**Hairstyling (ST 130)** - This course provides the student with an overview of the requirements of safe working environment in which to practice hairstyling. Topics in the program focus on general and personal safety, hygiene and infection control, understanding of provincial regulations and understanding of the professional ethics that should be practiced and adhered to in the hairstyling profession.
Credits	**High School Credits:** 3 *NOTE only 3 HS credits **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: None
Schedule	**Scheduled:** Sept.2022 - Dec. 2022 and Feb. 2023 - May 2023
Post-Secondary Information	Lakeland College
Program Information	The Hairstyling course is part of the following programs at Lakeland College: • Esthetician • Clinical Esthetician
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) does not indicate a specific transfer agreement in 2019/2020. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Unknown at this time.
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: • Esthetician • Clinical Esthetician
Costs	Textbook loaned out by ECACS at no cost. A replacement fee will be issued if it is not returned

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Infection Prevention & Control

Course Description	**Infection Prevention & Control (INFC215)** - The chain of infection and methods of prevention and control of microorganisms, including blood borne viruses such as hepatitis and human immunodeficiency virus (HIV) will be reviewed. Immunization, routine practice, additional isolation precautions, sterilization and disinfection, safety and Workplace Hazardous Materials Information System (WHMIS) are also covered.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 1.5
Prerequisites	**Prerequisites**: Registered in Grade 11 (>60% Sci10 and enrolled in Bio20 or Chem20)
Schedule	**Scheduled:** Feb. 2023 - May 2023
Post-Secondary Information	SAIT
Program Information	This course is part of the following **SAIT Pathways**: • Dental Assisting • Diagnostic Medical Sonography • Medical Laboratory Assistant • Medical Laboratory Technology • Medical Radiologic Technology • Nuclear Medicine Technology
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) shows no transfer agreements in the 2022/23 year. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Quizzes, Midterm Exam and Final Exam
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: • Dental Assisting • Diagnostic Medical Sonography • Medical Laboratory Assistant • Medical Laboratory Technology • Medical Radiologic Technology • Nuclear Medicine Technology
Textbook Costs	No additional costs

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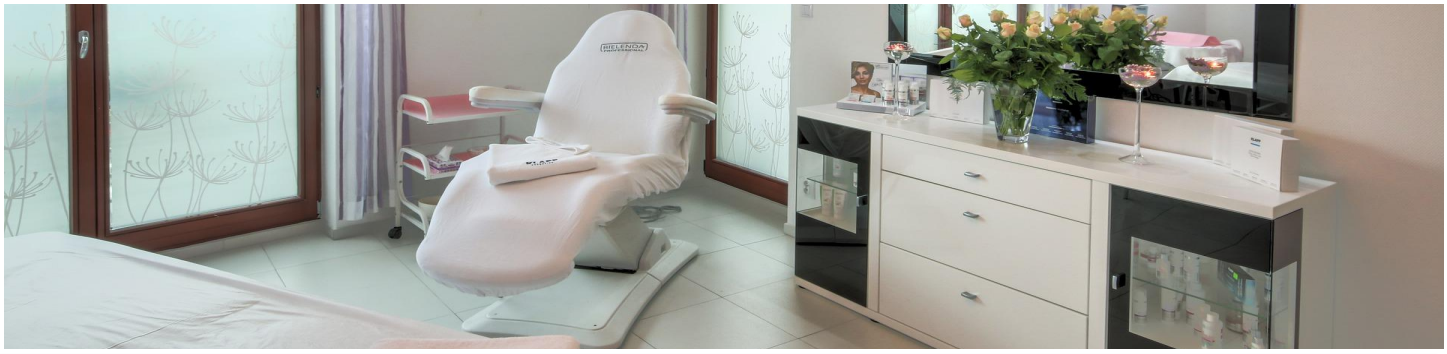
Intro to Esthetics



Course Description	**Intro to Esthetics (HS160)** - Introduction to Esthetics provides the students an overview of safe practices in the workplace regarding bacteriology and sanitation. Course content includes formulating the professional image, practices and skills to work with the public. The course concludes with a historical perspective and approaches to the world of cosmetics. **NOTE** There is NO hands-on component to this course.**
Credits	**High School Credits:** 3 *NOTE only 3 HS credits **Post Secondary Credits**: 2
Prerequisites	**Prerequisites**: none
Schedule	**Scheduled:** Sept.2022 - Dec. 2022 and Feb. 2023 - May 2023
Post-Secondary Information	Lakeland College Lakeland College
Program Information	The Intro to Esthetics course is part of the following programs at Lakeland College: • Esthetician • Clinical Esthetician
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) does not indicate a specific transfer agreement in 2019/2020. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Unknown at this time.
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: • Esthetician • Clinical Esthetician
Cost	Textbook loaned out by ECACS at no cost. A replacement fee will be issued if it is not returned

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Intro to Psychology

Course Description	**Intro to Psychology (PSYC104)** - Topics in this course include the history of psychological science, psychological research methods, the structure and function of the brain and nervous system, learning, sensation, perception, memory, consciousness, thought and language.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: 60% in ELA30-1 or enrolled in ELA30-1 with 70% in ELA 20
Schedule	**Scheduled:** Sept. 2022 - Dec. 2022 and Jan.2023 - April 2023
Post-Secondary Information	PORTAGE COLLEGE Portage College
Program Information	The Intro to Psychology course is part of the following programs at Portage College: • Practical Nurse Diploma • Community Social Work Diploma • University Studies Diploma Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites.
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) shows that in the 2022/2023 school year the course transferred to Athabasca University, Concordia University, MacEwan University, University of Alberta, University of Calgary, University of Lethbridge and University of Regina. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Research assignment, Quizzes, Midterm & Final exams. Classes are recorded if students can't make the scheduled time, but are highly recommended!
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: • Practical Nurse Diploma • Community Social Work Diploma • University Studies Diploma
Cost	Textbook New ~$150, You may find used books online.

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Intro to Sociology

Course Description	**Intro to Sociology (SOCI101)** - This course is designed to introduce you to the discipline of Sociology and current sociological trends and issues. The course provides an overview of sociological concepts, perspectives, processes and institutions in a Canadian context.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: 60% in ELA30-1 or enrolled in ELA30-1 with 70% in ELA 20
Schedule	**Scheduled:** Sept. 2022 - Dec. 2022 and Jan.2023 - April 2023
Post-Secondary Information	PORTAGE COLLEGE Portage College
Program Information	The Intro to Sociology course is part of the following programs at Portage College: • Community Social Work Diploma • University Transfer Program Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites.
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) shows that in the 2022/2023 school year the course transferred to Athabasca University, Bow Valley College, Keyano College, Kings University, MacEwan University, University of Alberta, University of Calgary, University of Lethbridge and University of Regina. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Pre-class and assigned readings, lecture & class discussions, assignments and exams. Classes are recorded if students can't make the scheduled time, but are highly recommended!
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: • Community Social Work Diploma • University Studies Diploma
Cost	Textbook New ~$130, You may find used books online.
BGSD Student Comments	"The course is going well! I'm a little busy between this and my regular classes and my jobs, but I enjoy it all so it isn't a challenge!" - Quinn (Grade 12)

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Intro to Soil Science

Course Description	**Intro to Soil Science (SO 102)** - This course involves a study of the basic properties of soils. The course studies physical, chemical, and biological properties of soils to provide an understanding of how soils function as a growth medium in agriculture. The Soil Orders of the Canadian System of Soil Classification relevant to field crop production in Western Canada are reviewed.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: None
Schedule	**Scheduled:** Sept. 2022 - Dec. 2022 and Feb 2023 - May 2023
Post-Secondary Information	Lakeland College
Program Information	The Intro to Soil Science course is part of the following Lakeland College Pathways: ● Agri Business Diploma ● Crop Technology Diploma ● General Agriculture Certificate
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) shows that in the 2022/2023 school year the course transferred as ENSC 220: Soil Science at Concordia University. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Mixture of labs, quizzes and assignments
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: Agribusiness Diploma - Lakeland College Crop Technology Diploma - Lakeland College General Agriculture Certificate - Lakeland College
Textbook Costs	There is no textbook for this course.

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Intro to Sports Management

Course Description	**Intro to Sports Management (SPM 1260)** - Students will analyze various management models and organizational structures within the sport and recreation industry. Content areas include professional, amateur, Olympic and intercollegiate sports.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: None
Schedule	**Scheduled:** Sep. 2022 - Dec. 2022
Post-Secondary Information	Olds College
Program Information	This course is part of the following Olds College Pathways: ● Business Management Diploma (Sports Management Major)
Transferability	This course is considered low transferability. A Transfer Alberta search (http://transferalberta.alberta.ca) shows that in the 2022/2023 school year the course transferred to Athabasca University, Concordia University and University of Lethbridge. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Quizzes, Assignments, Discussion Boards and Final Exam
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: ● Business Management Diploma (Sports Management Major)
Cost	No additional costs

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Intro to the Veterinary Profession

Course Description	**Intro to Veterinary Profession (AHT1050)** - Students will become familiar with selected animal health organizations and will adhere to the regulations of veterinary medicine in Alberta. Students are introduced to strategies and techniques for managing self and interacting with others. Students will examine animal welfare and ethical issues. This course provides students with foundational veterinary medical terminology they will use throughout their career.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: None
Schedule	**Scheduled:** Sept. 2022 - Dec. 2022
Post-Secondary Information	Olds College
Program Information	The Intro to Veterinary Profession course is part of the following Olds College Pathways: ● Animal Health Technology Diploma ● Veterinary Technical Assistant Certificate ● Veterinary Medical Receptionist Certificate
Transferability	This course is considered low transferability. A Transfer Alberta search (http://transferalberta.alberta.ca) does not show any current transfer agreements for this course. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Combination of assignments, discussions & quizzes
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: ● Animal Health Technology Diploma ● Veterinary Technical Assistant Certificate ● Veterinary Medical Receptionist Certificate
Cost	No textbook costs.

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Managing Landscapes

Course Description	**Managing Landscapes (HRT1500)** - HRT 1500 is a foundational course in understanding the day-to-day career work of professional landscapers in Alberta. This course will introduce students to the theories, techniques, and processes that go into the planning and management of various landscape sites. You'll learn about the details of maintaining ornamental trees, shrubs, perennials, annuals and turf, what tools and techniques you need to know to get the job done, and how to plan your work tasks out efficiently.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: None
Schedule	**Scheduled:** Sept.. 2022 - Dec. 2023
Post-Secondary Information	OLDS COLLEGE Olds College
Program Information	The Managing Landscapes course is part of the following Olds College Pathways: ● Horticulture Technologist Diploma
Transferability	This course is considered low transferability. A Transfer Alberta search (http://transferalberta.alberta.ca) does not show any current transfer agreements for this course. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Combination of assignments, discussion boards, tests and projects
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: ● Horticulture Technologist Diploma
Cost	~$40. Four 8" pots, potting soil with fertilizer, scale capable of measuring grams with at least 1 decimal point. Seeds are provided to students at no additional cost.

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Medical Terminology

Course Description	**Medical Terminology (MEDT211)** - This introductory course enables the learner to use and understand the medical terminology common to most allied health personnel. By learning prefixes, suffixes, and word roots, the learner will be able to build, use, and spell medical words that relate to body systems and body organization. Common abbreviations and symbols are also included.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 1.5
Prerequisites	**Prerequisites**: Registered in Grade 11ot 12 (>60% Sci10 and enrolled in bio20 or chem20)
Schedule	**Scheduled:** Sept. 2022 - Dec. 2022 & Feb. 2023 - June 2023
Post-Secondary Information	SAIT
Program Information	The Medical Terminology course is part of the following SAIT Pathways: • Medical Office Assistant & Unit Clerk • Diagnostic Medical Sonography • Medical Radiologic Technology
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) shows that in the 2022/2023 school year the course transferred to Bow Valley College. This course will **NOT** likely transfer to NAIT *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Quizzes, Midterm Exam, Final Exam
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: • Medical Office Assistant & Unit Clerk • Diagnostic Medical Sonography • Medical Radiologic Technology
Textbook Costs	~$55
BGSD Student Comments	"It is going very well. I find it pretty easy to keep up if I use good time management skills" - Mackenzie (Grade 11) “I am finding it really fun!” - Makayla (Grade 11)

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Personal Health and Wellness

Course Description	**Personal Health and Wellness (HEED105)** - This course will introduce you to the physical, social, mental, occupational, emotional, environmental and spiritual dimensions of personal health and wellness. These dimensions are described within the context of the Canadian Health Care System and your own individual community. Topics include primary health care, nutrition, exercise, stress management, weight management, eating disorders, common health issues and their prevention. You will be expected to integrate knowledge of the seven dimensions of health and apply this knowledge to a self-analysis of your own health and physical fitness. Finally, you will incorporate change management theory to develop, implement and evaluate a personal wellness plan. The intent of this course is to promote a healthy lifestyle.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: 60% in ELA30-1 or enrolled in ELA30-1 with 70% in ELA 20
Schedule	**Scheduled:** Sept. 2022 - Dec. 2022 and Jan.2023 - April 2023
Post-Secondary Information	PORTAGE COLLEGE Portage College
Program Information	The Personal Health and Wellness course is part of the following programs at Portage College: • Advanced Care Paramedic, Practical Nurse Diploma, Emergency Medical Responder, Primary Care Paramedic
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) shows that in the 2022/2023 school year the course transferred to Athabasca University, Burman University, Concordia University, Kings University, MacEwan University, NorQuest College, Northern Lakes College, University of Alberta and University of Lethbridge. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Assignments(projects), weekly quiz and final exam.
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites. • Advance Care Paramedic • Practical Nurse Diploma • Emergency Medical Responder • Primary Care Paramedic
Cost	Textbook New ~$100-150, You may find used books online.
BGSD Student Comments	“It was fun, I enjoyed it a lot as we covered many different topics so I never got bored of one thing"

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Producing Horticulture Crops

Course Description	**Producing Horticulture Crops (HRT1700)** - In HRT 1700, students will learn about the production side of horticulture work in Alberta. We grow a wide variety of plants in the prairies for a variety of purposes, including vegetables, fruit, plants for sale and much more! This course will introduce you to the range of plants available for a production business and introduce learners to the fundamentals of managing land for production purposes. You'll also get a first glimpse of producing a food crop in your own windowsill with some tasty salad greens.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: None
Schedule	**Scheduled:** Feb. 2023 - May. 2023
Post-Secondary Information	Olds College
Program Information	The Producing Horticulture Crops course is part of the following Olds College Pathways: • Horticulture Technologist Diploma • Bachelor of Applied Science - Horticulture Major
Transferability	This course is considered low transferability. A Transfer Alberta search (http://transferalberta.alberta.ca) does not show any current transfer agreements for this course. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Quizzes, Discussion Boards and Projects
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: • Horticulture Technologist Diploma • Bachelor of Applied Science - Horticulture Major
Textbook Cost	Supplies may cost around $40 depending on what you have at home already (plant trays, potting soil, compost, access to weigh scale, etc.). No textbook.

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Solving Technology Problems

Course Description	**Solving Technology Problems (ATG1008)** - Students will engage in the problem-solving process using current hardware and software tools for applied data-driven problem solving. Through data analysis, algorithmic problem solving, and technical memo writing students will work to solve a technical agricultural issue. Programming/Coding and Microsoft Excel spreadsheets (graphing/figures/charts) will be key skills learned and put into action making a Zumo robot perform a set task. Prior coding skill not required but students should be comfortable with math (algebra and polynomials at minimum grade ten level) and working hard in the trial and error process involved with learning to code. *One synchronous class per week will run during after school hours to provide direct instruction and guidance for learners.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: None
Schedule	**Scheduled:** Sep 2022 - Dec. 2022
Post-Secondary Information	Olds College
Program Information	The Solving Technology Problems course is part of the following Olds College Pathways: ● Precision Agriculture Techgronomy Diploma
Transferability	This course is considered low transferability. A Transfer Alberta search (http://transferalberta.alberta.ca) does not show any current transfer agreements for this course. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Unknown at this time
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: ● Precision Agriculture Techgronomy Diploma
Cost	~$170 for Robotics supplies. A computer running Windows 10 is required.

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Technology Tools for Teaching and Learning

Course Description	**Technology Tools for Teaching and Learning (COMA200)**- Technology Tools for Teaching and Learning will help prepare students to develop and integrate project based learning skills into the classroom. Students will examine the Information and Technology Outcomes Program of Studies as published by Alberta Learning and will be expected to develop modules that integrate ICT outcomes using the Internet, Word Processing and other application software.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: 60% in ELA30-1 or enrolled in ELA30-1 with 70% in ELA 20
Schedule	**Scheduled:** Sep 2022 - Dec 2022 and Jan 2023 - April 2023
Post-Secondary Information	PORTAGE COLLEGE Portage College
Program Information	The Technology Tools for Teaching course is part of the following programs at Portage College: ● University Studies Diploma
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) shows that in the 2022/2023 school year the course transferred to Athabasca University, Concordia University, University of Alberta, University of Calgary and University of Lethbridge. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	Assignments, Lesson Plan development & E-portfolio
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: ● University Studies Diploma
Cost	No additional costs

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Training for Performance

Course Description	**Training for Performance (SPM 1020)** - Students will learn about various aspects of training for performance. They will analyze the basic science behind activity, energy systems, and macrocycles in sport training. Consideration will also be given to diverse populations, training facilities, equipment, schedules, budgets, as well as individual and team training preferences.
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: None
Schedule	**Scheduled:** Feb. 2023 - May. 2023
Post-Secondary Information	Olds College
Program Information	This course is part of the following Olds College Pathways: • Business Management Diploma (Sports Management Major)
Transferability	A Transfer Alberta search (http://transferalberta.alberta.ca) shows that in the 2022/2023 school year the course transferred to Athabasca University, Concordia University and University of Lethbridge. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	A combination of assignments, projects and tests
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: • Business Management Diploma (Sports Management Major)
Cost	No additional costs

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Veterinary Practice: The Team Connection

Course Description	**Veterinary Practice: The Team Connection (AHT1140)** - Students will become familiar with the aspects of the service cycle within a veterinary clinic. Students will explore veterinary software and their specific application to operating a veterinary practice. They will apply communication skills to create positive experiences for veterinary clients
Credits	**High School Credits:** 5 **Post Secondary Credits**: 3
Prerequisites	**Prerequisites**: None
Schedule	**Scheduled:** Feb. 2023 - May. 2023
Post-Secondary Information	Olds College
Program Information	The Intro to Veterinary Practice: The Team Connection course is part of the following Olds College Pathways: ● Animal Health Technology Diploma
Transferability	This course is considered low transferability. A Transfer Alberta search (http://transferalberta.alberta.ca) does not show any current transfer agreements for this course. *Course/credit transfer acceptance is always determined by the receiving institute and this information is in no way a guarantee of transferability.*
Course Assessments	A combination of assignments, discussions posts & quizzes.
Post-Secondary Program Prerequisites	Students interested in pursuing the entire program after high school should confirm program prerequisites directly on the college websites: ● Animal Health Technology Diploma
Cost	No costs

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