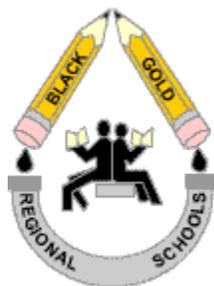




Today's Choice, Tomorrow's Success

Black Gold Outreach School

Complementary Course Selection Guide



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Learning Strategies 15/25/35

No prerequisite – 5 credits – Print-Based/Blended

The Learning Strategies courses offered by Black Gold Outreach School are designed to assist each student in developing an in depth understanding of the facets of successful learning. This includes developing an understanding of themselves as learners, increasing their ability to become organized, managing resources, planning long and short-term goals and managing time to gain competency in learning independently. They will also learn skills for preparing for evaluation, overcoming barriers to learning and advocating for personal learning needs. Skills developed in this course include goal setting, self-awareness, time management, study skills, test taking and final exam preparation and career explorations.



Psychology

No prerequisite – 3 credits – Print-Based

Personal Psychology 20

Personal Psychology serves as a general introduction to the study of psychology. Topics include the theories of personality, behaviour and development, intelligence, influence of heredity and environment, biological influences on behaviour, and understanding perception.



General Psychology 20

General Psychology reviews the history of psychological schools of thought, the principles of learning, how to learn efficiently, the process of thinking, facing frustration and conflict, adolescent emotional problems, behaviour disorders and their treatment, and an examination of career opportunities in the field of psychology.

Abnormal Psychology 35

Students who study Abnormal Psychology will gain an understanding of the complex nature of human behaviour through the study of issues related to mental health and wellness including the historical and contemporary views of abnormal behaviour; causal factors in the development of abnormal behaviour; myths and misconceptions regarding abnormal behaviour; types of disorders; and the assessment, prevention, and treatment of maladaptive behaviour.

Work Experience 15/25/35

Prerequisite: HCS3000-Workplace Safety Systems – up to 15 credits – Practical

If a student has a steady job within the local area they may be able to earn up to 15 credits towards graduation by enrolling in the off campus work experience program. Students also start earning credits at the 30 level first, which further helps to fulfill their graduation requirements.



Career Internship 10

Prerequisite: HCS3000-Workplace Safety Systems – 3 to 5 credits – Practical

Career Internship 10 is a workplace-based curriculum designed to assist students in making informed decisions about their school–career transitions. Specifically, the course is designed to prepare students for entry in trade, technology and service careers.

Registered Apprenticeship Program (RAP)

Prerequisite: HCS3010-Workplace Safety Practices – up to 40 credits – Practical

Alberta's innovative Registered Apprenticeship Program (RAP) allows full-time high school students to begin an apprenticeship training program as early as grade 11, earning credit toward both a high school diploma and an apprenticeship program at the same time. RAP gives students a head start toward certification and a solid career as a certified journeyman. RAP students earn at least minimum wage.

Green Certificate

Prerequisite: AGR3000-Agriculture Safety – up to 16 credits - Practical

Students can register in any one of the nine specializations available: Cow–Calf Beef Production Field Crop Production Dairy Production Irrigated Field Crop Production Feedlot Beef Production Sheep Production Swine Production Bee Keeper Production Equine Technician. Each specialization can be studied at three levels of increasing knowledge and proficiency.

Workplace Safety

No Prerequisite – 1 credit per course – Print-Based or Workshop

Workplace Safety courses are prerequisite before any off campus courses can be completed. All three courses explore workplace safety principles and practices.

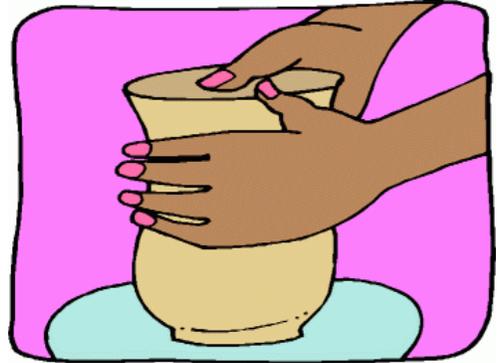
- HCS3000-Workplace Safety Systems
- HCS3010-Workplace Safety Practices
- AGR3000-Agriculture Safety

Design Studies & Visual Communication

No Prerequisite – 1 credit per course – Print-Based and/or Lab/Workshop

DES1010: Sketch, Draw, & Model

Students are introduced to observational sketching, drawing and modelling, and to a selection of basic materials and tools and their uses. This course consists of three parts: module assignment, sketchbook/design journal and a 3-dimensional model project.



DES1020: The Design Process

Students develop an understanding of design problems through research and they will select, generate and evaluate possible solutions to a design problem. This course consists of three parts: module assignment, sketchbook/design journal and a project involving research and design of a children's toy.

DES1050: CAD 1

Students develop basic knowledge and skills in computer-aided design using AutoCAD. Student must have access to a computer and the AutoCAD360 software. This course challenges student to design 8 schematics for 3-dimensional forms.

DES2060: Evolution of Design

Students develop a historical framework and study the importance and relevance of design within a cultural context by examining past and contemporary examples of designed artifacts. This course consists of three parts: modules assignment, sketchbook/design journal and a project involving research of a design period. A field trip to the Edmonton Art Gallery is an integral part of this course.

DES3170: Future of Design

Students explore new possibilities in design, including the role of the designer and the challenges that they face. This course consists of three parts: module assignment, sketchbook/design journal and a project involving research of a futuristic design presented in power point or a similar media format.

COM1005: Visual Composition

Students learn to employ fundamental elements and principles of design for various media and gain a strong foundational multidisciplinary experience in preparation for other Communication Technology courses.

Cosmetology

Prerequisite within Series – 2 credits – Lab/Workshop

COS1010: Personal & Professional Practice

Students develop increased appreciation for the significance of personal grooming in various life situations.



COS1020: Long Hair Design 1

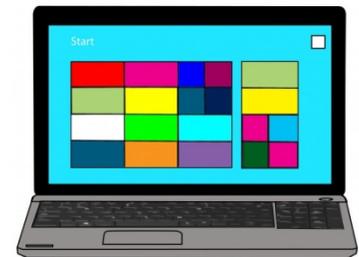
Students handle hair confidently, brush, comb and part hair correctly, and create ropes, knots and two- or three-strand braids.

Information Processing & Computer Science

No Prerequisite – 1 credit per course – Online

INF1030: Word Processing

Students are introduced to the proper use of word processing software, including document creation, editing and printing of properly formatted documents. Students enrolled in this course will leave with a working knowledge of Google Docs.



INF1060: Spreadsheet

Google Sheets is the software program used by students in this course. Skills in the proper use of spreadsheet software through general data manipulation and personal recordkeeping will be taught.

INF1070: Digital Presentation

Students develop skills with tools used for computerized presentations involving text, data, graphics, sound, and animation. Google Slides is the software and format taught in this course.

CSE1110: Structured Programming 1

Students are introduced to a general programming environment in which they write simple structured algorithms and programs that input, process and output data, use some of the more basic operators and data types, and follow a sequential flow of control.

Physical Education & Fitness

Physical Education 20

Prerequisite: Physical Education 10 – 3, 4, or 5 credits – Practical

Physical Education 20 provides an independent learning opportunity in which students plan, develop, and track personalized fitness and activity goals. This course builds on the skills, knowledge and attitudes developed in Physical Education 10, but there is a stronger focus on fitness development, recreational leadership, organizational skills, knowledge of physical education principles, and participation in lifetime activities.

Recreational Fitness and Nutrition

No Prerequisite – 4 credits – Lab/Workshop

Over a series of workshops and labs (approximately 6 days), students work in a small group setting to complete the requirements of the following CTS courses:

- HSS1010 – Health Services Foundations
- HSS 1020 – Nutrition and Wellness
- REC 1040 – Foundations for Training 1
- REC 1910 – Recreation Project A

Students will work with an Athletic Trainer and Nutrition Specialist to develop a personalized fitness and nutrition program.



Yoga 15

No Prerequisite – 3 credits – Lab/Workshop

This course is designed to introduce the basic postures, breathing techniques, and relaxation methods of Yoga. Yoga is explored as an art, science, and philosophy.

Aboriginal Studies 10/20

Prerequisite within Series – 5 credits – Print-Based

Aboriginal Studies 10–20 provides a conceptual framework for all learners to enhance understanding of the diverse Aboriginal cultures within their region, Canada and the world. Students will examine how Aboriginal peoples are striving toward maintaining and promoting cultures and identities that reflect values based on respect for the laws of nature and a continual pursuit of balance among individuals, the family unit, the larger community and global community context.



Outdoor Education

No Prerequisite – up to 19 credits – Lab/Workshop

Black Gold Outreach School offers a three year cycle of Outdoor Education programming. All programs require students to participate in 5 - 6 full day workshops at the school and a 2 - 3 day offsite excursion. In addition, participants who complete a digital memory book project earn a credit in COM1005: Visual Composition.



Outdoor Education A – Wilderness Survival Skills

Participants have the opportunity to earn 6 credits while learning about fire lighting, shelter building, knife work, flat-water canoeing, orienteering, map reading, GPS navigation, indoor rock climbing, wilderness first aid, outdoor cooking, and low impact camping.

- FOD1010: Food Basics
- FOD1040: Menu Planning 1
- ENS1010: Introduction to Stewardship
- WLD 1060: Wilderness Navigation
- WLD 1130: Outdoor Survival Skills
- WLD1910: Wilderness Project A

Outdoor Education B – Environmental Awareness

Environmental stewardship is the focus of this Outdoor Education program. Students learn about the significance of forests, forestry management, environmental ethics, human environmental impacts, advocacy, and further skills in outdoor cooking and leave no trace camping.

- FOR1010: Forests & Society
- FOR1100: Forest Use & Protection
- ENS2050: Environmental Ethics
- WLD1100: Outdoor Cooking Theory
- WLD2100: Outdoor Cooking Practice
- WLD2910: Wilderness Project B

Outdoor Education C – Leadership Development

Winter camping provides the perfect opportunity for developing teamwork and leadership skills.

- LDC1110: Outdoor Education 25 (3 credits)
- HSS1080: Leadership Fundamentals 1
- HSS2080: Leadership Fundamentals 2
- CCS3050: Supporting Positive Behaviour

Foods

Foods courses are offered at Black Gold Outreach School in several multiday thematic workshops throughout the school year.

Foods A – Introduction to Foods

No Prerequisite – 3 credits – Lab/Workshop

Whether students are budding chefs or bakers, or have no kitchen experience at all, this course covers the fundamentals and takes students to new heights. The course is designed for students to be successful, experience some great food, and to have fun while learning skills for a lifetime of use.

- FOD1010: Food Basics
- FOD1030: Snacks and Appetizers
- FOD1050: Fast & Convenience Foods



Foods B – Christmas Baking

Prerequisite: FOD1010–Food Basics – 3 credits – Lab/Workshop

Students prepare a number of different Christmas cookie recipes and then host a bake sale to raise funds in support of an African single mother and child, adopted by our school.

- FOD1020: Contemporary Baking
- FOD1060: Canadian Heritage Foods
- FOD1910: Foods Project A

Foods C – Rotary Breakfast Host

Prerequisite: FOD1010–Food Basics – 3 credits – Lab/Workshop

Participants plan, prepare, and host a Rotary Club Breakfast to thank the members of the Nisku-Leduc Rotary Breakfast Club for their continuing support of Black Gold Outreach School students and programs.

- FOD1040: Meal Planning
- FOD1070: Farm to Table
- FOD2910: Foods Project B

Medical Services

Medical Services provides students with opportunities to explore careers in health care, gain knowledge of anatomy, physiology, and pathology, and gain practical skills in pathways of personal interest such as first aid and nursing. These courses are an excellent introduction to the many careers in healthcare including Sports Medicine, Physiotherapy, Paramedic, Midwifery, Diagnostic Imagery, Radiology, Veterinarian, Nursing, Medical Laboratory Technology, Respiratory Therapist, Ultrasonography, Licensed Practical Nurse, EMR/EMT, and Health Care Aide.



Medical Services A – First Aid Basics

Prerequisite within series – up to 5 credits – Print-Based and Lab/Workshop

This elective course is offered in conjunction with Physical Education 10 and consists of 5 CTS modules offered over 3 days. The curriculum will introduce the students to health in Canada; basic principles of anatomy, physiology and disease; the cardiovascular system; the respiratory system; and basic nutrition. Students will have the opportunity to complete their St. John's Standard First Aid Certification Level C with AED and the CPR requirement of Physical Education 10.

- HSS1010: Health Services Foundations
- HCS1070: Respiratory System
- HCS1080: Cardiovascular System
- HCS2020: First Aid/CPR with AED
- HCS3040: Child Care First Aid

Medical Services B – Body Systems and Care

Prerequisite: HSS1010-Health Services Foundations – up to 8 credits – Print-Based

Medical Sciences B is a course about human body systems. Some of the topics overlap with the human body system units of Biology 30, so Medical Sciences B can give you an advantage in Biology 30.

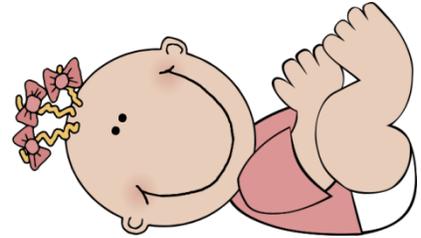
- HCS1050: Musculoskeletal System
- HCS1060: Digestive System
- HCS1070: Respiratory System
- HCS1080: Cardiovascular System
- HCS2050: Nervous System & Senses
- HCS2060: Endocrine System
- HCS2070: Urinary System
- CCS1030: Caring For Body Systems (required ½ day workshop component)

Family Studies

No Prerequisite – 1 credit per course – Print-Based

HSS2020: Nurturing Children

Students examine the developmental characteristics of toddlers, preschoolers and school-aged children in various stages of physical, emotional, social and intellectual development. Students describe and demonstrate care-giving skills applicable to each developmental stage. Students gain an appreciation for the importance of nurturing skills in promoting health and wellness in childhood.



HSS2040: Family Foundations

Students gain an appreciation for their roles in strengthening current and future family relationships and the rights, roles and responsibilities of family members throughout the family life cycle. Students examine changes that occur within a family and the required adjustments family members must make to manage changes effectively

HCS3060: Pregnancy, Birth & Infant Care

Students acquire the attitude, knowledge and skills necessary for achieving and maintaining a healthy pregnancy and parenting a healthy child in the first year of life. Students focus on the impact of pregnancy on the physical, mental and social well-being of the mother and newborn. Students examine the events of labor and delivery and the importance of post-natal care.

Forensic Science 25 and 35

Prerequisite: Science 10 or 14 (75%) – 3 credit – Blended and/or Lab/Workshop

Forensic Science 25 and 35 are hands on courses that include the collection and analysis of evidence from crime scenes, the principles of fingerprinting, breathalyzers, polygraphing, and DNA analysis.



Tourism

TOU1010: The Tourism Sector

No Prerequisite – 1 credit – Blended

Students analyze the organizational structure of the tourism industry at local, provincial, national, and global levels. Students will perform introductory investigations of employment opportunities in tourism.



TOU2060: Travel Destinations 1

Prerequisite: TOU1010-The Tourism Sector – 1 credit – Blended

Students demonstrate knowledge of world tourism and geography by presenting travel information about North America and at least one other world region.

TOU2070: Travel Destinations 2

Prerequisite: TOU2060-Travel Destinations 1 – 1 credit – Blended

Students demonstrate knowledge of world tourism geography by presenting travel information regarding various tourism regions of the world.

LGS2050: Law and the Traveller

No Prerequisite – 1 credit – Blended

Students identify and describe the issues and legal considerations that may arise when individuals travel domestically and internationally.

Career Transitions

No Prerequisite – 1 credit per course

Print-Based, Online, and Workshop Delivery



CTR1010: Job Preparation

This course is offered as an integral part of the workshop portion of the Career and Life Management course offered at Black Gold Outreach School. Participants develop successful employment search skills and a personal career portfolio.

CTR2310: Career Directions - Expansion

Students update their learning/career plan, enhance their career tool kit, discover career pathways, and update their action plan for life after high school.

CTR3310: Career Directions – Transition

Students build on previous work to update their learning/career plan, and to ensure their career tool kit can support them as they make the transition from high school into the workplace or post-secondary learning.

Primary Resources – Oil/Gas

No Prerequisite - 1 credit per course – Online

PRS1010: Overview of Alberta Geology

Students examine the nature and origin of Alberta's hydrocarbon and mineral resources and their significance in society.



PRS1020: Non-renewable Resources

Students examine exploration, recovery and production, refining, and reclamation technologies within a non-renewable hydrocarbon or mineral industry.

PRS2020: Conventional Oil/Gas Exploration

Students examine specific exploration techniques and technologies within the context of Alberta's conventional oil and/or gas deposits.

PRS2060: Refining Hydrocarbons

Students examine the principles and technologies involved in processing natural gas, refining crude oil, upgrading heavy oils and bitumen, or processing coal.

PRS3020: Conventional Oil/Gas Recovery & Production

Prerequisite: PRS2020-Conventional Oil/Gas Exploration

Students examine specific recovery and production techniques within the context of Alberta's conventional oil and/or gas industry.

BIG History

No Prerequisite – 3 or 5 credits – Blended

Big History is more than a history course; it takes on the questions that originate with the dawn of time, and gives students a framework to tell the story of humanity's place in the Universe. From the Big Bang to modernity, this course seeks out common themes and patterns that can help us better understand people, civilizations, and the world we live in. Big History looks at the following questions:



- How has the Universe and life within it grown more complex over the past 13.7 billion years?
- How do we know what we know about the past and why does this knowledge change over time?
- How does what happened during the early days of the Universe, the Solar System, and the Earth shape what we are experiencing today?

MakerSpace

No Prerequisite – Project Credits Available – Lab/Workshop

What is a MakerSpace? It is a creative, DIY space where students gather to create, invent, and learn!

At our Black Gold Outreach MakerSpace you'll find incredible technology and equipment for creating, collaborating and sharing. We have a 3D printer, drones, Arduino Boards, electronics, craft supplies, textiles, and more; to help learners bring their creative ideas to life.



Our MakerSpace is open every Tuesday for creative, DIY learning from
10:00 a.m. – 11:30 a.m.
5:30 p.m. – 7:15 p.m.

Specific teacher-led workshops are available on the second Tuesday of most months. Come on in and try it out! Interested students can turn MakerSpace projects into high school credits.

Tuesday, October 11	MakerSpace Grand Opening - Textiles
Tuesday, November 15	3D Printing
Tuesday, December 13	Robotics
Tuesday, February 14	Textile Designs and Creations
Tuesday, March 14	3D Printing
Tuesday, May 9	Robotics



Miscellaneous CTS Courses

FAS3070: Creator of Fashion

No Prerequisite – 1 credit – Online

Students discover the world of fashion designers.

WLD1010: Introduction to Wildlife

No Prerequisite – 1 credit – Blended

Students develop the attitudes, skills and knowledge related to wildlife and ecosystems, and an understanding for the need to manage wildlife.

WLD1080: Angling & Fish Management Theory

No Prerequisite – 1 credit – Print-Based and/or Lab/Workshop

Students explain the role of recreational fishing in the management and conservation of fish resources, and develop the attitudes, skills, and knowledge required for responsible fishing practices and related outdoor activities.

CCS1080: Community Volunteerism 1

No Prerequisite – 1 credit – Lab/Workshop

Students examine the role of volunteers in a community, perform as volunteers and evaluate their volunteering experience.

COM1255: E-Learning & Learning Management Systems

No Prerequisite – 1 credit – Online

Students explore the elements of e-learning within a learning management system. They explore the appropriate use of tools and skills required to successfully implement an e-learning plan and evaluate their readiness to form educational relationships that will cross time and distance.

FIN2060: Personal Taxation

No Prerequisite – 1 credit – Blended and/or Lab/Workshop

Looking for your tax refund? Complete your personal tax return and apply for the GST credit while earning high school credit. In this course, students examine the Canadian income tax system through the preparation of a variety of personal income tax returns, completed manually and electronically.



Black Gold Outreach - 3000 Level Courses With No Prerequisite

1. Abnormal Psychology 35 (3 credits - print) page 3
2. Learning Strategies 35 (5 credits - blended) page 3
3. Work Experience 35 (10 credits - practical) page 4
4. HCS3000-Workplace Safety Systems (1 credit – print/workshop) page 4
5. HCS3010-Workplace Safety Practices (1 credit - print)..... page 4
6. AGR3000-Agriculture Safety (1 credit - print) page 4
7. DES3170-Future of Design (1 credit - print) page 5
8. HCS3040-Child Care First Aid (1 credit - workshop)..... page 10
9. HCS3060-Pregnancy, Birth, and Infant Care (1 credit - print) page 11
10. CTR3310-Career Directions: Transition (1 credit – blended)..... page 12
11. FAS3070-Creator of Fashion (1 credit - online) page 15