Dual Credit

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Dual Credit & Exploratory Program Guide

Dual Credit

Overview

As a CBE student you may choose to take a Dual Credit Program as part of your high school learning plan. Dual Credit programs allow you to:

- Study in an area of passion and interest
- Get a jump start on post-secondary learning.
- Earn high school and post-secondary credits (transferable).
- Build confidence and develop skills that will support a successful post-secondary transition.
- Experience a post-secondary learning environment and learn about on-going opportunities.
- Reduce first year course load and the time required to complete a program.

As a Dual Credit student, you would be enrolled in both a post-secondary institution and in your high school concurrently. You would earn credits towards both a high school diploma and post-secondary degree or diploma.

Courses are taught by experienced post-secondary instructors who are connected to industry and support you in making meaningful connections to career pathways. You will also be supported by a CBE teacher.

Setting up for Success

How can I be successful?

- Talk to parents, guardians or advocates about the program.
- Meet with the off-campus coordinator who is the school’s off-campus and dual credit expert. If you are interested in applying for one of these dual credit opportunities, please arrange to meet and discuss your learning goals. Applications for these programs typically are completed in collaboration with the off-campus coordinator.
- Understand how this course will fit into your high school schedule and learning plan.
- Attend the program information session and ask questions.
- Attend the post-secondary open house or career event.
- Ensure that you are able to attend all classes and commitments for the duration of the program.
- Have a plan for communicating with instructors, other students, teachers, parents/guardians or advocates and the program supervisor.
- Have a plan for getting to and from school.
- Be excited to start your post-secondary career and ready for an independent learning experience!
How can I apply?

Complete the Expression of Interest form/application package when posted. Attend the Information Session and submit your application by the deadline. You will receive confirmation once your application is received and is complete.

- Application packages and program details will be posted on: www.cbe.ab.ca/unique-opportunities
- Check Twitter @unique_pathways
- Questions? Contact Sonya Gillis slgillis@cbe.ab.ca or 403-817-7516

note | programs highlighted in the guide may be subject to change or cancellation.

“Participating in dual credit increases student confidence, increases awareness of post-secondary opportunities, narrows interests, and highlights labour market and future career opportunities that students may not have originally considered”

*Alberta Education Dual Credit*
Dual Credit | Business Management

Program Details
February to May 2021
| On-line through SAIT

Credits
5 CTS credits at the 3000 level
| 3 post-secondary credits

Description
The online Introduction to Business course will provide you with tools to understand business functions including: management, human resources, marketing, accounting and finance. You will explore options for starting and growing a business, and the importance of business ethics and social responsibility in an increasingly global environment. Working through the basic steps of building a business plan and creating a personal career plan will provide you with opportunities to apply creative solutions to real-world problems.

Is this program right for me?
- Are you in G10, G11, G12 or returning G12?
- Are you a self-motivated and an organized learner?
- Do I have a keen interest in business and creative problem solving?

How can I get ready?
- Attend the program information session date November 18, 2020 from 5-6pm
- Discuss with your off-campus coordinator and teachers if this program fits with your learning plan and goals
- Review program details on www.cbe.ab.ca/unique-opportunities
- Application deadline November, 27 2020
- Check Twitter @unique_pathways for program updates
- Review https://www.sait.ca/programs-and-courses/dual-credit-programs
Dual Credit | Computer Science 217

Program Details
Summer 2021
| On-campus at the University of Calgary

Credits
5 CTS credits at the 3000 level
| 3 post-secondary credits

Description
Students in the program will have an introduction to problem solving, analysis and design of small-scale computational systems and implementation using a procedural programming language. This program is designed for students wishing to combine studies in computer science with studies in other disciplines.

Is this program right for me?
- Are you in G11, G12 or returning G12?
- Are you a self-motivated and organized learner?
- Do you have an interest in computer science, technology and creative problem solving?

How can I get ready?
- Attend University of Calgary open house and explore the campus
- Discuss with your off-campus coordinator and teachers if this program fits with your learning plan and goals
- Review program details on www.cbe.ab.ca/unique-opportunities
- Application deadline June, 2021
- Program updates will be shared on Twitter @unique_pathways
Dual Credit | English 251

Program Details
Summer 2021
| On-campus at the University of Calgary

Credits
5 CTS credits at the 3000 level
| 3 post-secondary credits

Description
This is an introduction to how we read, write about, and discuss literature in a university setting. In this section, course texts, selected from a range of places and time periods, will be themed. We will ask and answer the question: Why does literature matter today? As talking and writing about literature will be central to the course, students can expect to review the fundamentals of clear expression.

Is this program right for me?
- Are you in G11, G12 or returning G12?
- Students who have a keen interest in English?

How can I get ready?
- Discuss with your off-campus coordinator and teachers if this program fits with your learning plan and goals
- Stay aware of important deadlines and upcoming information sessions by checking www.cbe.ab.ca/unique-opportunities
- Review program details on www.cbe.ab.ca/unique-opportunities
- Application deadline June, 2021
- Program updates will be shared on Twitter @unique_pathways
Dual Credit | Health Care Career Essentials

Description
The Health Care Career Essentials program is composed of a wide range of courses for students preparing to enter the health care industry. Students will be exposed to health care pathways including dental hygienist, rehabilitation therapy, ultrasound, paramedic, sterile device processing, pharmacy, nutrition, x-ray technician, and nuclear medicine. Successful students in this program will develop fundamental knowledge and skills that are applied in this demanding field, including medical terminology, anatomy and physiology, infection prevention and control, and a hands-on medical lab.

Is this program right for me?
- Are you in G11, G12 or returning G12?
- Are you a self-motivated and an organized learner?
- Do you have a keen interest in working in the medical field with a focus on medical technologies?

How can I get ready?
- Online Information Session November 18, 2020 from 6-7pm
- Discuss with your off-campus coordinator and teachers if this program fits with your learning plan and goals
- Stay aware of important deadlines and upcoming information sessions by checking www.cbe.ab.ca/unique-opportunities
- Review program details on www.cbe.ab.ca/unique-opportunities
- Application deadline November 27, 2020
- Program updates will be shared on Twitter @unique_pathways
- Review https://www.sait.ca/programs-and-courses/dual-credit-programs
Dual Credit | Math 265

Program Details
Summer 2021
| On-campus at the University of Calgary

Credits
5 CTS credits at the 3000 level
| 3 post-secondary credits

Description
This course covers limits, derivatives, and integrals; the calculus of exponential, logarithmic, trigonometric and inverse trigonometric functions. Applications including curve sketching, optimization, exponential growth and decay, Taylor polynomials, fundamental theorem of calculus, improper integrals and an introduction to partial differentiation. Math 265 is a course that is a program requirement at the U of C in the faculties of Biological Sciences, Chemistry, Computer Science, Geoscience, Mathematics and Statistics, Environmental Science, Natural Sciences, Neuroscience, Physics and Astronomy, Geography, Psychology, Earth Sciences, Economics, BComm, Biomedical Sciences, Bioinformatics, BSc in Exercise and Health Physiology, BEd Education (Math Specialty).

Is this program right for me?
- Are you in G11, G12 or returning G12?
- Students who have a keen interest in Mathematics?

How can I get ready?
- Discuss with your off-campus coordinator and teachers if this program fits with your learning plan and goals
- Stay aware of important deadlines and upcoming information sessions by checking www.cbe.ab.ca/unique-opportunities
- Review program details on www.cbe.ab.ca/unique-opportunities
- Application deadline June, 2021
- Program updates will be shared on Twitter @unique_pathways
Dual Credit | Pre-Employment Carpentry

Description
Carpenters work in many areas of construction, including residential, commercial, industrial and maintenance projects. Most carpenters are involved in reading blueprints, selecting materials and methods of work, measuring, cutting and joining materials. This program covers all course material received by a first-year carpenter apprentice, plus additional hands-on skills and safety training necessary to work on a jobsite. The program will prepare students to enter the workforce and become an apprentice.

Is this program right for me?
- Are you in G11, G12 or returning G12?
- Do you have a keen interest in the wood trades or carpentry?
- Do you enjoy working with your hands?
- Do you enjoy working as part of a team?

How can I get ready?
- Attend SAIT Open House and explore the campus
- Attend the Program Information Session
- Discuss with your off-campus coordinator and teachers if this program fits with your learning plan and goals
- Stay aware of important deadlines and upcoming information sessions by checking www.cbe.ab.ca/unique-opportunities
- Review program details on www.cbe.ab.ca/unique-opportunities
- Application deadline June 12, 2020
- Program updates will be shared on Twitter @unique_pathways
- Review https://www.sait.ca/programs-and-courses/dual-credit-programs
Dual Credit | Pre-Employment Pipe Trades

Program Details
September 2020 to June 2021
| On-campus at SAIT
| Mon to Thu 8:30 – 11:30am

Credits
15 CTS credits at the 3000 level
| 16.5 post-secondary credits

Description
This program prepares students to enter the workforce and become pipe trades apprentices. Recent changes to the pipe trades apprenticeship framework mean that apprentice plumbers, steam/pipefitters, and gasfitters all complete the same first year technical training. In Dual-Credit Pre-Employment Pipe Trades, students will receive this same technical training, plus additional hands-on skills and safety training.

Is this program right for me?
- Are you in G11, G12 or returning G12?
- Do you have a keen interest plumbing or metal trades?
- Are you interested in precision working to measure using machines and hand and power tools?

How can I get ready?
- Attend SAIT Open House and explore the campus
- Attend the program Information Session
- Discuss with your off-campus coordinator and teachers if this program fits with your learning plan and goals
- Stay aware of important deadlines and upcoming information sessions by checking www.cbe.ab.ca/unique-opportunities
- Review program details on www.cbe.ab.ca/unique-opportunities
- Application deadline June 12, 2020
- Program updates will be shared Twitter @unique_pathways
- Review https://www.sait.ca/programs-and-courses/dual-credit-programs
Dual Credit | Pre-Employment Welding

Description
This course provides and introduction to Welding. Using welding technology, Welders construct pressure vessels and pipelines, join beams or girders in the construction industry, and manufacture industrial components and consumer goods. Experienced Welders may advance to positions such as supervisors, welding inspectors and quality control inspectors or start their own businesses with either a shop or a mobile welder.

Is this program right for me?
- Students in G11, G12 or returning G12?
- Do you have a keen interest welding?
- Do you have some prior welding experience?
- Do you like to pay attention to detail and work with your hands?

How can I get ready?
- Attend SAIT Open House and explore the campus
- Attend program information session
- Discuss with your off-campus coordinator and teachers if this program fits with your learning plan and goals
- Stay aware of important deadlines and upcoming information sessions by checking [www.cbe.ab.ca/unique-opportunities](http://www.cbe.ab.ca/unique-opportunities)
- Review program details on [www.cbe.ab.ca/unique-opportunities](http://www.cbe.ab.ca/unique-opportunities)
- Application deadline June 12, 2020
- Program updates will be shared on Twitter @unique_pathways
- Review [https://www.sait.ca/programs-and-courses/dual-credit-programs](https://www.sait.ca/programs-and-courses/dual-credit-programs)
Dual Credit | Psychology 203

Program Details
Summer 2021
On campus at the University of Calgary

Credits
5 CTS credits at the 3000 level
3 post-secondary credits

Description
This course has a focus on issues that arise in everyday life and will demonstrate some of the ways in which Psychology can be of use to students in their personal and professional lives. Psychology 203 may be used to fill a number of University of Calgary program requirements as an elective, although it cannot be used as part of a Psychology major.

Is this program right for me?
 Are you in G11, G12 or returning G12?
 Are you interested in exploring the field of Psychology?

How can I get ready?
 Discuss with your off-campus coordinator and teachers if this program fits with your learning plan and goals
 Stay aware of important deadlines and upcoming information sessions by checking www.cbe.ab.ca/unique-opportunities
 Review program details on www.cbe.ab.ca/unique-opportunities
 Application deadline June, 2021
 Program updates will be shared on Twitter @unique_pathways
Dual Credit | Veterinary Technical Assistant Certificate

Program Details
September 2020 – June 2022
| On-campus at Olds College, Bow Valley Campus |
| Tues & Thu 3:30 – 6:30pm |

Credits
25 CTS credits at the 3000 level |
| VTA Certification |

Description
The Veterinary Technical Assistant is a valued member of a veterinary practice team and works alongside veterinary professionals, Animal Health Technicians, and shelter staff in the small animal industry. Veterinary Technical Assistant (VTA) is an entry level program that introduces students to the veterinary industry and animal care. Animals need care and lots of love. A VTA does both and most importantly enjoys working with dogs and cats.

Is this program right for me?
 Are you in G10, or G11?
 Do you love animals and want to work with animals?
 Are you motivated and capable of working independently?

How can I get ready?
 Discuss with your off-campus coordinator and teachers if this program fits with your learning plan and goals
 Attend the Olds College open house
 Attend the Information Session
 Stay aware of important deadlines and upcoming information sessions by checking www.cbe.ab.ca/unique-opportunities
 Review program details on www.cbe.ab.ca/unique-opportunities
 Application deadline June 12, 2020
 Program updates will be shared on Twitter @unique_pathways
Exploratory Programs

Overview

All CBE students may choose as part of their high school learning plan to take an Exploratory Program. Exploratory programs support students by:

- studying in an area of passion and interest
- getting a jump start on their career exploration
- earning high school credits while building confidence and developing skills that will support a successful transition from high school
- learning about on-going opportunities and gaining experience in an industry learning environment

Courses are taught by instructors who are connected to industry and support students in making meaningful connections to career pathways. They are also supported by a CBE teacher.

Setting up for Success

How can I be successful?

- Talk to parents, guardians or advocates about the program.
- Meet with the off-campus coordinator who is the school’s Off-Campus and Exploratory program expert.
- If you are interested in applying for one of these Exploratory opportunities, please arrange to meet and discuss your learning goals. Applications for these programs typically are completed in collaboration with the off-campus coordinator.
- You are required to have completed HCS 3000, workplace safety course before starting any exploratory program. Speak to your off-campus coordinator or guidance counsellor to get started.
- Understand how this course will fit into your high school schedule and learning plan.
- Attend the program information session and ask questions.
- Ensure that you are able to attend all program dates and commitments for the duration of the program.
- Have a plan for communicating with instructors, other students, teachers, parents/guardians or advocates and the program supervisor.
- Have a plan for getting to and from school each day.
- Be excited to start your career and ready for an independent learning experience!
How can I apply?

Complete the Expression of Interest form/application package when posted. Attend the information session and submit your application by the deadline. You will receive confirmation once your application is received and is complete.

- Application packages and program details will be posted on: www.cbe.ab.ca/unique-opportunities
- Check Twitter @unique_pathways
- Questions? Contact Sonya Gillis slgillis@cbe.ab.ca or 403-817-7516
- Please note | programs highlighted in the guide may be subject to change or cancellation
Exploring Boilermaker Trade

Program Details
Summer 2021
On-campus at Local 146 Training School

Credits
Work Experience credits

Description
Students will gain skills in various aspects of the boilermaking trades. Introduction to the boilermaker trade and exposure to industry environments, safe work practices and workplace culture. Training takes place in an industry setting by Journeyperson instructors.

Is this program right for me?
- Are you in G11, G12 or returning G12?
- Do you have a keen interest in exploring boilermaking as a career?
- Do you enjoy doing careful and precision work?

How can I get ready?
- Discuss with your off-campus coordinator and teachers if this program fits with your learning plan and goals
- Mandatory Apprenticeship Recruitment Information Seminar (ARIS) dates TBD
- Stay aware of important deadlines and upcoming information sessions by checking www.cbe.ab.ca/unique-opportunities
- Review program details on www.cbe.ab.ca/unique-opportunities
- Application deadline May, 2021
- Program updates will be shared on Twitter @unique_pathways
Exploring Cook Apprentice

Program Details
Summer 2021
On-campus at SAIT and SAIT Culinary Campus

Credits
Work Experience credits

Description
Receive training from leading chefs at SAIT’s world-class downtown Culinary Campus. Learn industry specific skills such as knife and cooking techniques, vegetable and starch preparation, soup and sauce fundamentals and meat preparation.

Is this program right for me?
- Are you in G11, G12 or returning G12?
- Do you have a keen interest in culinary arts as a career?
- Do you enjoy being creative in the kitchen?
- Do you have a keen sense of taste and smell?

How can I get ready?
- Discuss with your off-campus coordinator and teachers if this program fits with your learning plan and goals
- Stay aware of important deadlines and upcoming information sessions by checking www.cbe.ab.ca/unique-opportunities
- Program updates will be shared on Twitter @unique_pathways
- Attend the Information Session, date TBD
Exploring Heat and Frost Insulating Trade

Program Details
February to May 2021
| On-campus at Thomas Group

Credits
Work Experience credits

Description
Students will gain skills in various aspects of the Heat and Frost Insulating trade, earn industry recognized credentials in fall protection and H2S Alive. The training takes place in an industry setting by Journeyperson instructors.

Is this program right for me?
- Are you in G11, G12 or returning G12?
- Do you have a keen interest in experiencing heat and frost insulating?
- Do you enjoy working with your hands?

How can I get ready?
- Discuss with your off-campus coordinator and teachers if this program fits with your learning plan and goals
- Review program details on www.cbe.ab.ca/unique-opportunities
- Check Twitter @unique_pathways for program updates
- Attend the Information Session at Thomas Group, (1115 55 Ave NE, Calgary, AB T2E 6W1) date TBD
Exploring Ironworking

Program Details
February to May 2021
| On-campus at Local 725

Credits
Work Experience credits

Description
Students will gain skills in various aspects of the ironworking trade – structural, ornamental and reinforcing (tying rebar), as well as developing welding skills. They earn industry recognized credentials in: Aerial Work Platform; Telehandler and Fall Protection. Training takes place in an industry setting by Journeyperson instructors.

Is this program right for me?
- Are you in G11, G12 or returning G12?
- Do you have a keen interest in exploring ironworking as a career?
- Are you comfortable working at heights?
- Do you enjoy doing precision work and working outdoors?

How can I get ready?
- Discuss with your off-campus coordinator and teachers if this program fits with your learning plan and goals
- Review program details on www.cbe.ab.ca/unique-opportunities
- Check Twitter @unique_pathways for program updates
- Attend the Information Session at Local 725 (6111 36 Street SE) date TBD
Exploring Pipe Trades

Program Details
February to May 2021
On-campus at Pipetrades Industry Training School

Credits
Work Experience credits

Description
Students will gain skills in various aspects of the pipe trades – plumbing, steamfitting/pipefitting/gasfitting, sprinkler fitting and B - pressure welding. They will earn industry recognized credentials in fall protection and confined space. Training takes place in an industry setting by Journeyperson instructors.

Is this program right for me?
- Are you in G11, G12 or returning G12?
- Do you have a keen interest in exploring pipe trades as a career?
- Do you enjoy doing careful and precision work?

How can I get ready?
- Discuss with your off-campus coordinator and teachers if this program fits with your learning plan and goals
- Review program details on www.cbe.ab.ca/unique-opportunities
- Check Twitter @unique_pathways for program updates
- Attend the Information Session at Piping Industry Training School – Local 496, (5649 Burbank Road SE) on date TBD
Exploring Recreational Leadership

Program Details
February to June 2021
| On-campus at the Central Library

Credits
Work Experience and CTS credits

Description
Students will gain foundational knowledge and skills in recreational leadership and the human services sector and will be trained by qualified and accredited agencies to earn industry recognized credentials including: First Aid and CPR, High Five and LEAD with a focus on children and youth recreational leadership. Students will develop vital skills including: intercultural competencies, play leadership, physical literacy, adapted physical activity, children's human rights education and career preparation.

Is this program right for me?
- Are you in G11, G12 or returning G12?
- Do you enjoy working with children and youth of all backgrounds?
- Are you excited to develop and hone your leadership skills?

How can I get ready?
- Discuss with your off-campus coordinator and teachers if this program fits with your learning plan and goals
- Review program details on www.cbe.ab.ca/unique-opportunities
- Check Twitter @unique_pathways for program updates
- Attend the Information Session information meeting will be held at the new Downtown Public Library Date TBD
Program Supporters

These programs are made possible through the generous support of:

- all in for youth
  United for school completion.

- educationmatters

- TéPF
  The Educational Partnership Foundation

- WERKLUND FOUNDATION