

DUAL CREDIT

ENERGY AND ENVIRONMENT ENGINEERING TECHNOLOGIES



Program Highlights

Students will sample courses in the McPhail School of Energy through introductory courses in Petroleum, Electrical and Environmental Engineering Technology. Note this is a two semester program. (SAIT)

Class times:

8:30-11:30am Monday – Thursday

Sept. 10, 2018 - June 6, 2019 (full year)

See calendar to confirm holidays, non-instructional days, etc.

Cost:

Tuition covered through Palliser (\$4,450 value)

Benefits

Earn 9 SAIT Credits
Earn high school credits
Prepare for an apprenticeship as a carpenter

Prerequisites

HCS3000

Math 10C

ELA 10-1

Be on track to complete:

Biology 30 (min. 60%)

Math 30-1 or 30-2 (min. 60%)

ELA 30-1 or 30-2 (min. 60%)

Requirements

Attend the info meeting at

7:00pm May 3 ,

MC319, (third floor of Stan Grad building, SAIT)

Arrange schedule to attend SAIT class times

Arrange reliable transportation to SAIT

Contact

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What is the Energy & Environment Engineering Technologies program?

Students in the Energy & Environment Engineering Technologies Program will gain hands-on skills and foundational knowledge in the areas of Environmental, Petroleum and Power Engineering Technologies.

What are the benefits of taking this program?

This Dual-Credit Program allows students to investigate which engineering program best suits their career interests. Students wanting to pursue a post-secondary education in Engineering or Engineer Technologies can use one or more of the course credits gained in this Dual-Credit Program to advance their education towards an Engineer Technologies Diploma Program with SAIT's McPhail School of Energy. The University of Calgary Bachelor of Science in Energy Engineering is designed to provide Power Engineering Technology and Petroleum Engineering Technology graduates from SAIT with a seamless transition to a University of Calgary Engineering Degree Program.

How do students earn dual credits in the Energy & Environment Engineering Technologies Program while in high school?

Successful graduates of the program will earn:

- Potentially 16 high school CTS credits
- 10.5 SAIT credits
- Credit in seven SAIT courses: Electrical Diagrams and AutoCad. Fundamentals of Petroleum Operations, Petroleum Testing, Workshop Practices, Electrical and Controls, Biology and Field Ecology, and Water and Wastewater Treatment.

Who will teach the courses?

SAIT instructors will deliver the program at SAIT campus with some materials delivered online through SAIT's D2L. Students will be supervised by a Palliser off-campus teacher.

What does the course load look like?

The program consists of two semesters beginning in a student's Grade 11 or 12 year and attendance is a high priority. All content will be covered over two semesters and will include a mixture of classroom theory, as well as, hands-on applied learning in SAIT's state of the art Power, Petroleum and Environmental Technologies Labs.

Semester 1	Semester 2
Water and Wastewater Treatment Lab	Electrical and Controls 1
Workshop Practices	Electrical Diagrams and AutoCad
Petroleum Testing Lab	Biology and Field Ecology
Fundamentals of Petroleum Operations	

How do students get to SAIT?

Students are responsible for their own transportation to and from SAIT. LRT access takes students right onto campus. Parking is available at a cost to the student.