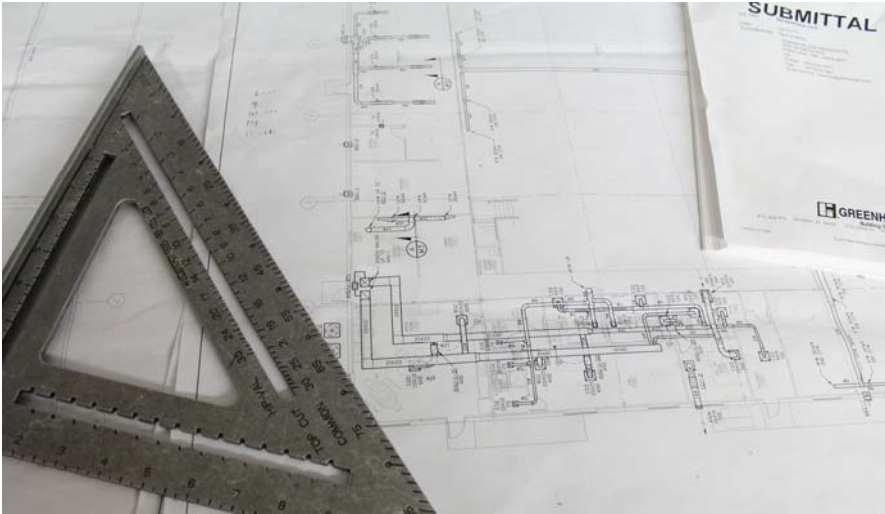


# DUAL CREDIT

## ENGINEERING DESIGN AND GEOSPATIAL TECHNOLOGIES



## Program Highlights

Gain hands-on skills and foundational knowledge in areas related to digital drafting fundamentals (CADD219), concrete production and quality (CNST249) and engineering plans, surveying and mapping (SURV214). Students will receive course credit in three SAIT courses. Upon high school completion, credit earned in this program may be applied towards a SAIT two year diploma in the Engineering Design and Technology, Civil Engineering Technology, or Geomatics Engineering Technology programs.

### Class times:

8:30-11:30am Monday – Thursday  
Sept. 10, 2018 – January, 2019

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

### Cost:

Tuition covered through Palliser.



## Benefits

- Earn 7.5 SAIT credits
- Earn high school credits
- Explore skills and technologies that can be applied to future post-secondary programs

## Prerequisites

HCS3000

Math 10C (min 70%)

ELA 10-1

Be on track to complete

Math 30-1 or 30-2,

ELA 30-1 or 30-2 and

Physics 20 or Science 30

## Requirements

Attend the info meeting at  
6:00pm May 3, MC317

(Third floor Stan Grad  
Building, SAIT)

Arrange schedule to attend  
SAIT class times

Arrange reliable transportation  
to SAIT

## Contact

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## **What is an Engineering Design & Geospatial Technologies Program?**

The demand for engineering and geomatics technologists/specialists will increase in the coming years as the Alberta economy growth continues. This will also spur increased activity across the engineering and construction sector providing a need for newly trained employees in all of the associated industries.

Students in the Engineering Design and Geospatial Technologies Program will gain hands-on skills and foundational knowledge in areas related to digital drafting fundamentals, concrete production and quality and engineering plans, surveying and mapping.

## **How do students earn dual credits in the Engineering Design & Geospatial Technologies Program while in high school?**

Successful graduates of the program will earn:

- Up to 12 high school CTS credits
- Up to 7.5 SAIT credits
- Credit in three SAIT courses: Digital Drafting Fundamentals (CADD219), Concrete Production and Quality (CNST249) and Surveying I (SURV214).

One of the three SAIT courses completed during this program may be applied towards a SAIT two-year diploma in engineering design and drafting technology, civil engineering technology, geomatics engineering technology or in a Bachelor of Science Construction Project Management.

## **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.

## **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.