



# Civil Engineering Technology

**G**ain the skills to design and manage the construction of buildings, roads, bridges, and other infrastructure projects.

Become a civil engineering design and construction professional through our hands-on learning approach that combines theoretical training and applied learning. You'll gain knowledge of building science and the building process; this entails engineering and drafting principles, structural design, geotechnical engineering, and construction management, including estimating and project scheduling.

You'll also develop your knowledge of material science by exploring the strength of building materials, mixing and testing concrete and asphalt samples, and discovering the importance of soil mechanics to building projects. In addition, you'll learn about urban services, water resources, transportation infrastructure, and technical communications.

This two-year diploma program consists of four 15-week semesters. The first two semesters are common to all students in the program. In your third and fourth semesters, you will specialize in Construction Management or Municipal Engineering. The construction management specialization is buildings construction design and construction execution. The municipal specialization is infrastructure, services, and roads. If a specialization option is oversubscribed, selection will be based on the first-year cumulative grade point average.

## Is this the right fit for me?

Proficiency in the following skills will help students succeed:

- mathematical skills,
- science skills (physics),
- communication skills (oral and written),
- problem-solving skills,
- and the ability to work in a team environment or on your own.

Students with higher grades usually experience more success in SAIT's programs.

## Accreditation

This program is nationally accredited, at the technologist level, by Technology Accreditation Canada. Graduates are eligible for membership in The Association of Science and Engineering Technology Professionals in Alberta (ASET).

The Canadian Institute of Quantity Surveyors recognizes the program as training for a qualified estimator and quantity surveyor.

## Credential

After successfully completing this program, graduates will be awarded a SAIT diploma in Civil Engineering Technology.

## Admission requirements

### Application dates

Applications are accepted until the program start date but are subject to change.

- **Fall 2022 start:** applications opened on Oct. 6, 2021.
- **Winter 2023 start:** applications opened on March 30, 2022.
- **Spring 2023 start:** applications opened on June 13, 2022.

## Program requirements

Completion of the following courses or equivalents:

- At least 60% in Math 30-1, AND
- At least 60% in English Language Arts 30-1 or at least 75% in English Language Arts 30-2, AND
- At least 60% in Science 30 or Physics 20.

All applicants must demonstrate [English Language Proficiency](#) prior to admission, including students educated in Canada.

SAIT accepts [high school course equivalents](#) for admission. If you don't meet the requirements, consider [Academic Upgrading](#).

SAIT evaluates international documents for admissions. After you've applied, consider our [international document assessment](#) service if your education is from outside of Canada.

## Direct entry: Four step process

**Step 1:** Read the program information to see the qualities needed for student success.

**Step 2:** Ensure that you meet all of the admission requirements listed above.

**Step 3:** [Apply](#) to Civil Engineering Technology and submit your [transcripts and/or anticipated final grades](#).

- Admission will be extended on a first-qualified, first-offered basis until the program is full.

**Step 4:** Find out how to monitor your application status [after you apply](#).

## Communication during admission

Email is the primary source of communication during the selection process. Ensure your personal email account is managed appropriately to receive our emails, files and communications. We recommend you add the [construction.advising@sait.ca](mailto:construction.advising@sait.ca) domain to your safe senders' list or you risk missing critical email messages.

## Costs 2022/23

### Domestic tuition and fees

Cost per credit: \$178

Year	Number of semesters	Tuition fees	SAIT fees	Saitsa fees*	Total
1	2	\$5,607	\$916	\$553	\$7,076
2	2	\$5,340	\$916	\$553	\$6,809

### International tuition and fees

Cost per credit: \$595.02

Year	Number of semesters	Tuition fees	SAIT fees	Saitsa fees*	Total
1	2	\$18,743.13	\$916	\$553	\$20,212.13

Year	Number of semesters	Tuition fees	SAIT fees	Saitsa fees*	Total
2	2	\$17,850.60	\$916	\$553	\$19,319.60

\*Maximum fee. Actual fees may be less and are based on the number of credits a student takes per semester and whether they opt-out of health and dental benefits.

## SAIT fees

- Campus athletic and recreation fee: \$196
- Universal transit pass (Upass): \$320
- Student support fee: \$200
- Student technology fee: \$200

## Saitsa fees

### Student Association fee

- Maximum: \$291

This is the maximum amount the student will pay. Actual fees may be less and are based on the number of credits the students take per semester.

## Health and dental fees

- Health plan: \$127
- Dental plan: \$135

Students with existing health and/or dental plans can opt-out. Please refer to [Saitsa's website](#) for information.

For more information on health and dental benefits for international students, please contact the [International Centre](#).

## Books and supplies\*

Books and supplies are approximately \$1,000 - \$1,500 per full-time year.

For an estimate of the costs associated with purchasing a computer that meets the program's hardware and software requirements, see our [computers and laptops page](#).

Learn more about [tuition and financial aid](#).

\*Tuition, fees, books and supply costs are subject to change.