



Electrical Engineering Technology

Manage electrical energy — from both renewable and conventional sources — as an electrical engineer with training in power systems, electrical design and control and automation.

The Electrical Engineering Technology program offers comprehensive training in power systems, electrical design and control and automation.

The program provides a combination of practical and theoretical education that employers are seeking in the industry, preparing students for careers managing electrical energy from renewable and conventional energy sources.

Graduates work in a variety of settings, including power generating facilities, industrial complexes, substations, laboratories, construction sites, and offices.

Is this the right fit for me?

Journeyman electricians and those with work experience in other related occupations or with related post-secondary education may receive some advance credit after an assessment by SAIT's Prior Learning Assessment & Recognition.

Accreditation

The program is nationally accredited by the Canadian Technology Accreditation Board and the Canadian Council of Technicians and Technologists at the technologist level.

Graduates are eligible for membership in the following professional association: Association of Science and Engineering Technology Professionals of Alberta (ASET).

Credentials

After successfully completing this program, graduates will receive a SAIT diploma in Electrical Engineering Technology.

Admission requirements

Application dates

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

- **Summer and 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 or at least 75% in Math 30-2,
- At least 60% in English Language Arts 30-1 or 75% in English Language Arts 30-2
- At least 60% in 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 Electrical 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](#).

This program is available to [international students](#), however, program availability may be limited. This program meets the eligibility criteria for the [Post-Graduation Work Permit program](#). International students are responsible for maintaining their eligibility throughout their studies.

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 macphail.students@sait.ca domain to your safe senders' list or you risk missing critical email messages.

Costs 2022/23

The below tuition and fee breakdown will vary for students taking this program as an evening/weekend delivery.

Domestic tuition and fees

Cost per credit: \$180

Year	Number of semesters	Tuition fees	SAIT fees	Saitsa fees*	Total
1	2	\$5,940	\$916	\$553	\$7,409
2	2	\$6,210	\$916	\$553	\$7,679

International tuition and fees

Cost per credit: \$570.85

Year	Number of semesters	Tuition fees	SAIT fees	Saitsa fees*	Total
1	2	\$18,838.05	\$916	\$553	\$20,307.05
2	2	\$19,694.33	\$916	\$553	\$21,163.33

*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

The above fees are based on a course load of nine (9) or more credits per semester. Students taking less than nine (9) credits per semester do not qualify for the UPass. Other fees will be adjusted based on reduced credit load.

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 [Saita's website](#) for information.

Students taking less than nine (9) credits per semester do not qualify for health and dental benefits.

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 for the first year and \$500 for the 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.