



Power and Process Operations

Safely run processing equipment at oil and gas and natural gas processing facilities with training that covers basic plant operations, safety and thermodynamics. Graduates are ready to write the Alberta Boiler Safety Association Fourth-Class certification exam.

Power and Process Operations is an eight-month program that trains students for careers as operators, responsible for the daily safe running of processing equipment at oil and gas facilities. The program consists of both classroom and laboratory study, and prepares students to become fourth class Power Engineers through ABSA.

Is this the right fit for me?

A Grade 12 equivalent is recommended to increase employment opportunities. Applicants should be physically agile, have good hearing and be capable of lifting 45-kilogram chemical sacks.

Students with serious colour vision defects or who suffer from claustrophobia or fear of heights may have trouble with certain aspects of instruction and may experience problems securing employment.

Accreditation

This program is integrated with the Alberta Boilers Safety Association (ABSA) Certification System. Graduates are eligible for membership in the following professional associations:

- Alberta Boilers Safety Association (ABSA)
- Institute of Power Engineers (IPE)
- International Pressure Equipment Integrity Association (IPEIA)
- National Association Corrosion Engineers (NACE)

Credentials

After successfully completing this program, graduates will receive a SAIT certificate in Power and Process Operations.

Admission requirements

Application dates

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

- **Winter 2023 start:** applications opened on March 30, 2022.

Program admission requirements

Completion of the following courses or equivalents:

- at least 60% in Math 30-1 or at least 75% in Math 30-2 or Math 30-3
- at least 60% in English Language Arts 30-1 or 75% in English Language Arts 30-2.

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. SAIT may also accept courses completed at certain international post-secondary institutions. Find more information [here](#).

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 Power and Process Operations 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 macphail.students@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: \$171

Year	Number of semesters	Tuition fees	SAIT fees	Saitsa fees*	Total
1	2	\$5,130	\$916	\$553	\$6,599

International tuition and fees

Cost per credit: \$588.43

Year	Number of semesters	Tuition fees	SAIT fees	Saitsa fees*	Total
1	2	\$17,652.90	\$916	\$553	\$19,121.90

*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 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.