



Diesel Equipment Technician

Train for a career repairing, maintaining and overhauling transport vehicles and heavy equipment.

A combination of action-based learning in a shop environment and theory courses will prepare you for a career in a number of industries and let you continue your path as a heavy equipment technician apprentice.

This 30-week program has been designed by industry representatives to meet the specific needs of today's large and diverse heavy equipment industry. After completing the program, you will be a highly trained entry-level tradesperson ready to enter the workforce as a Heavy Equipment Technician apprentice.

As a graduate of the program, you may be credited with up to 600 hours' worth of work experience towards your apprenticeship, as well as the opportunity to write your first and second-period apprenticeship exams.

Is this the right fit for me?

Students who have taken automotive mechanics in high school as well as achieved higher grades in their previous schooling experience greater success in the Diesel Equipment Technician program.

Credentials

After successfully completing this program, graduates will receive a SAIT certificate as a Diesel Equipment Technician.

Students achieving a PGPA and/or a CGPA of 2.0 will be allowed to challenge the Heavy Equipment Technician 1st and 2nd-year technical exams from Alberta Apprenticeship and Industry Training.

A Prior Learning Assessment (PLA) form and a fee will be required by Alberta Apprenticeship and Industry Training. Successful students may also be granted up to 600 hours of work credit towards their apprenticeship hours.

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.

Program requirements

At least 50% in the following courses or equivalents:

- Math 20-1 or Math 20-2 or Math 20-3 or Pure Math 20 or Applied Math 20, and,
- Grade 11 English, and,
- One Grade 11 Science

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](#) 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: Log in to [mySAIT.ca](#) to check your admission status and monitor changes to your [application status](#).

Failure to meet anticipated final grades will result in offers being rescinded.

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 transportation.info@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: \$175

Year	Number of semesters	Tuition fees	SAIT fees	Saitsa fees*	Total
1	2	\$6,562.50	\$916	\$553	\$8,031.50

International tuition and fees

Cost per credit: \$513.17

Year	Number of semesters	Tuition fees	SAIT fees	Saitsa fees*	Total
1	2	\$19,243.88	\$916	\$553	\$20,712.88

*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 (including personal protection equipment) cost approximately \$1,000.

The required tools will cost approximately \$1,500 - \$5,000 depending on the quality and brand of tools chosen.

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.