



# Avionics Technology

Start your career as an aircraft avionics technician by learning to repair and maintain the electrical and electronic systems — including communication, navigation and data systems — in all types of airplanes and helicopters.

The Avionics Technology program offers the student the knowledge and skills required to start a career as an aircraft maintenance engineer (AME) "E". As an "E" licensed AME, you will be responsible for the servicing and repair of aircraft electrical and electronic systems. An "E" licensed aircraft maintenance engineer will maintain and repair the aircraft communication, navigation and data systems. The Avionic Technology program covers all the aspects of aircraft avionics systems used in general aviation, corporate, charter, transport category aircraft, and helicopters.

The program is four semesters in length with a break between semesters two and three. All classes are scheduled at the Art Smith Aero Centre for Training and Technology, located at the Calgary International Airport.

## Is this the right fit for me?

Most successful students spend approximately two hours each day doing homework and review, with additional study required to prepare for exams.

The material is presented at a fairly rapid rate so, for the greatest level of success, students must be present and take responsibility for their learning experience.

Students must be able to read, write and comprehend the English language at a level exceeding basic conversational English.

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

## Accreditation

The program's accreditation is ongoing and subject to periodic audits from Transport Canada.

Graduates who are in compliance with the required attendance (95%) and minimum marks of 70% in each course will receive Transport Canada credit of 18 months' work experience towards the 'E' category AME license.

## Credential

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

## Admission requirements

### Application dates

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

- **Fall 2022 start:** applications opened Oct. 6, 2021.
- **Spring 2023 start:** applications open June 13, 2022.

### Program requirements

At least 50% in the following courses or their equivalents:

- Math 30-1 or Math 30-2 or Pure Math 30 or Applied Math 30
- English Language Arts 30-1 or 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](#) 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](mailto: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: \$217

Year	Number of semesters	Tuition fees	SAIT fees	Saitsa fees*	Total
1	2	\$7,161	\$916	\$553	\$8,630
2	2	\$6,510	\$916	\$553	\$7,979

### International tuition and fees

Cost per credit: \$673.06

Year	Number of semesters	Tuition fees	SAIT fees	Saitsa fees*	Total
1	2	\$22,210.98	\$916	\$553	\$23,679.98
2	2	\$20,191.80	\$916	\$553	\$21,660.80

\*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 are approximately \$1,000 for the first year and \$100 for the second year.

The required tools and personal safety equipment will cost approximately \$1,200. However, prices vary 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.