

# SCHOOL OF CONSTRUCTION



## SCHOOL OVERVIEW

Build your own career success.

From development, design and 3D models through to structural build, operations and maintenance, all aspects of the growing field of construction are covered here at SAIT.

## MEETING CALGARY'S DEMAND FOR TALENT

More than just the fundamentals of carpentry, plumbing and pipefitting, programs within our School of Construction offer the training needed for an expanding pool of tech-forward jobs in the industry, from civil engineering technology to construction project management.

Industries across the board increasingly rely on technology, and the construction sector is no different.

Here at SAIT, you can lay the foundation for a successful career with industry-driven programs focused on essential skills, cross-disciplinary learning opportunities, and cutting-edge technology, including drones, laser-scanning and 3D printing.

**#ThinkBIG #ThinkDifferent**

## STATE-OF-THE-ART FACILITIES

Trades and Technology Complex

The 740,000-square-foot Trades and Technology Complex is the largest campus expansion in the nearly 100-year history of SAIT. It allows more students every year to further their passions for skill-based training, primarily in energy, construction, and manufacturing.

The School of Construction primarily resides in the Aldred Centre, the largest of the three buildings at 440,000 square feet. The building is named for John and Cheryl Aldred, generous donors who helped make the facility's construction possible.

The building features soaring ceilings, multi-purpose rooms that can expand and contract as needed, and a workspace supported by a crane. All of these elements tell the story of a hard-working building designed for action.



93% GRADUATE  
EMPLOYMENT RATE



MEDIAN SALARY  
\$65,000 PER YEAR

## PROGRAM OVERVIEW

The nature of construction jobs is evolving, and so are our programs, ensuring graduates are qualified for what comes next.

### Design and Project Management Programs

We offer industry-relevant construction management programs taught by highly qualified industry-trained faculty.

Our state-of-the-art labs allow you to learn in facilities replicating the real world, giving you a clear competitive advantage.

### Geomatics and GIS Programs

If you enjoy math and computers and want a career that will get you outdoors, geomatics and geographic information systems may be your field!

### Construction Trades Programs

The School of Construction offers a wide array of programming that prepares you to fill various roles across the construction industry through our apprenticeship and pre-employment programs designed with industry partners.

## CAREERS AND OPPORTUNITIES

Our graduates may work in the following occupations. Some careers require additional experience and education.

- Architectural Technologies
- Civil engineering Technology - Construction Management
- Civil Engineering Technology - Municipal Major
- Civil Engineering technology - Virtual Design and Construction
- Bachelor of Science Construction Project Management
- Geomatics Engineering Technology
- Bachelor of Applied Technology Geographic Information Systems
- Bricklayer Apprenticeship
- Cabinetmaker Apprenticeship
- Carpenter Apprenticeship
- Glazier Apprenticeship
- Pre-employment Cabinetmaker
- Pre-employment Carpenter
- Pre-employment Pipetrades
- Pre-employment Refrigeration and Air Conditioning
- Roofer Apprenticeship
- Sheet Metal Worker Apprenticeship
- Steamfitter Pipefitter Apprenticeship

"The technology I had access to at SAIT allowed me to turn my academic and industry training into building blocks I could use to create innovative tools for the avalanche and geotechnical industries. I learned so much by grasping all of the tools that SAIT had to offer."

**Nathan Kneisel**

SAIT alumnus



**GET IN TOUCH**

SAIT.ca/International  
international@sait.ca



Southern Alberta  
Institute  
of Technology