

BE READY TO BUILD THE FUTURE

OUR ENGINEERING DESIGN
TECHNOLOGY PROGRAM IS
NATIONALLY ACCREDITED

In Lethbridge College's Engineering Design Technology program, you'll work with 3D-design software each day. In two-years, you'll be ready – to either start your career or transfer to a four-year program to pursue your degree. Our grads are building the future by developing engineering designs and drawings for architectural projects such as commercial and residential buildings.

AVERAGE ANNUAL SALARY:

> **\$72,157**

INFORMATION COURTESY OF ALIS.ALBERTA.CA (2020)

APPLY TODAY AT
lethbridgecollege.ca

BE READY.



Lethbridge College

Be Ready to Build the Future

Students who have a knack for visualizing ideas and getting them down on paper – or on a screen – can create a blueprint for their future in the Engineering Design Technology program at Lethbridge College.

“Our Engineering Design Technology students get the benefit of working with 3D-design software every day in our state-of-the-art Trades, Technologies and Innovation Facility,” says Bill Smienk, chair of Lethbridge College’s School of Engineering Technologies. “In two years, they can start a rewarding career, building the future by developing engineering designs and drawings for architectural projects such as commercial and residential buildings. “

Smienk adds that many successful graduates work for engineering and architectural offices as well as construction and manufacturing firms incorporating mechanical designs. The average annual salary of an engineering design technologist is \$72,157, according to Alis Alberta. “There are so many meaningful professional opportunities available to grads of our programs,” he notes.

The work of design technologists is essential to all aspects of engineering and construction – and the college’s Engineering Design Technology program provides students with both the theory and experience they need to succeed on the job. Students are immersed in developing a comprehensive understanding of design fundamentals, learning how to design drawings, plans and diagrams while using 3D computer-assisted drafting technology and 3D printing to help bring ideas to life.

Lethbridge College has offered engineering technology education since 1964, and from the start, students have benefitted from opportunities to engage in real-world work experiences. For example, this past academic year, Engineering Design Technology students took part in a unique collaboration with the City of Lethbridge.

The city approached the college to see if Engineering Design Technology students could create new designs for the flagpole display outside of City Hall to allow the city to permanently fly the Blackfoot Confederacy flag, the Reconciliation Lethbridge flag, as well as having dedicated poles to fly flags celebrating other important community events and partners. Students submitted their designs for the revamped flagpole display in the fall, and in February, the city recognized two submissions. The winning student design will be considered in the final proposals for the permanent flagpole structure, which is targeted for completion before September 2020.

In addition to offering students real-world learning experiences, Lethbridge College’s Engineering Design Technology program is also nationally accredited by Technology Accreditation Canada. This endorsement assures students and their employers that the college is meeting the educational standards of Canada’s engineering technology and applied science profession.



To learn more, visit lethbridgecollege.ca