

# Lethbridge College Trades, Technologies and Innovation Facility

## Facility fact sheet

- Construction on the entire project ran from **April 2014 to August 2017**
  - Phase one groundbreaking was in **April 2014** and it opened in **September 2015**
  - Phase two groundbreaking was in **October 2015** and it opened in **September 2017**
- The total construction cost was **\$77 million**
- The entire facility measures **168,812 square feet**
- It contains:
  - **38.8 kilometres** of in-floor heating pipe
  - **6,800** square feet of glazing
  - **62,100** exterior bricks
  - **11 Big Ass Fans** (yes, that's what they're really called)
  - **168** light tubes
  - **20.4** miles of IT cable
- Construction used **30.56 per cent** of regional materials
- Construction used **21.64 per cent** of recycled materials
- Over **80 per cent** of construction waste was diverted from the landfill
- The facility prioritizes space for student learning:
  - **72 per cent** of the square footage is dedicated to shops, labs and related support
  - **14 per cent** of the square footage is dedicated to lecture, classroom and seminar space
- The facility houses students from **10 programs**:
  - Phase one includes programs within the Crooks School of Transportation, including the Automotive Service Technician, Parts Technician, and Agricultural and Heavy Equipment Technician programs
  - Phase two includes houses the Wind Turbine Technician, Electrician Apprenticeship Training, Welder Apprenticeship Training, Engineering Design and Drafting, and Interior Design Technology programs, along with classroom space for the Plumber Apprenticeship Training program.