

AGRICULTURAL AND HEAVY EQUIPMENT TECHNICIAN

Program Office: 403.320.3411 • tradeslc@lethbridgecollege.ca

If you're eager to work on farm equipment, commercial vehicles or heavy machinery, the one-year Agricultural and Heavy Equipment Technician certificate equips you with the knowledge and experience needed to start working right away and continue on to an apprenticeship.

In just two semesters, you'll be trained on the latest in diagnostic technologies and tools and get the chance to test your skills working on a wide range of on and off-road vehicles and farm equipment.

Your Investment

Program fees will vary. To view the fee information for your program, go to lethbridgecollege.ca/programs (https://lethbridgecollege.ca/programs/) and select your program.

Graduation

Upon successful completion of all program requirements, students are awarded an Agricultural & Heavy Equipment Technician certificate.

ADMISSIONS

New students are accepted into the Agricultural and Heavy Equipment Technician program for the Fall (September) term with a late August program start date.

General Admissions Requirements

All applicants must meet the general admission requirements for Lethbridge College programs, as indicated in the Admission section of this calendar.

Academic Requirements

Applicants to this program do not require a high school diploma; however, they must satisfy the following specific course requirements (or equivalencies):

- Grade 11 English
- Grade 11 math

The following courses or subjects are recommended for the best possible outcome in the Agricultural and Heavy Equipment Technician program:

- Physics, Chemistry and Science
- Grade 12 Math and English

CURRICULUM

Course	Title	Credits
Year 1		
Term I		
AHM-1124	Suspension and Brakes	6
AHM-1126	Safety and Hand Skills	3
AHM-1127	Power Trains	6
AHM-1129	Farm and Industrial Equipment	3
Credits		18

Term II

AHM-1130	Electrical and Electronics	6
AHM-1131	Diesel Engines	6
AHM-1132	Diesel Fuel Systems	6
AHM-1135	Mobile Hydraulics	3

Credits **21**

Total Credits **39**

Apprenticeship Pathway

Students who have successfully completed Lethbridge College's *Agricultural and Heavy Equipment Certificate program* can continue to obtain their Journeyman Certification by registering with Apprenticeship Alberta. For more information about Alberta's apprenticeship requirements go to: <https://tradesecrets.alberta.ca/>



CAREERS

Upon completion of the program, you'll be able to write exams for the first two years of Agricultural Equipment Technician or Heavy Equipment Technician. You'll also be eligible to enter the Alberta Apprenticeship program. No matter which road you take, you'll be ready to begin a career in many diverse fields, including:

- Agricultural Equipment Service
- Construction Equipment Service
- Heavy Equipment Service
- Journeyman Agricultural Equipment Technician
- Journeyman Heavy Equipment Technician
- Mining Equipment Service
- Mobile Repair Service
- Oilfield Equipment Service
- Service Manager/Shop Foreman
- Trucking Equipment Service