



Agricultural Equipment Technician

Heavy-duty equipment mechanics repair, troubleshoot, adjust, overhaul and maintain mobile heavy-duty equipment used in construction, transportation, forestry, mining, oil and gas, material handling, landscaping, land clearing, farming and similar activities.



(506) 454-0867

www.eastcoasttrades.com

What are the employment requirements for working in this trade?

They are employed by companies which own and operate heavy equipment, and by heavy equipment dealers, rental and service establishments, railway transport companies and urban transit systems.



Course Outline:

- Safety
- Tools & Equipment
- Hoisting & Lifting
- Communication & Documentation
- Preventative Maintenance
- Start, Move & Park Vehicle
- Fasteners, Tubing, Hoses & Fittings
- Lubrication & Fluids Servicing
- Gaskets, Seals & Sealing Compounds
- Bearings
- Metallurgy
- Cutting & Heating
- MIG Welding
- Tires, Rims & Wheels
- Engine Principles
- Cooling Systems
- Engine Lubrication Systems
- Electrical & Electronic Principles
- Batteries
- Conventional Light Circuits
- Wiring Harnesses & Accessories
- Introduction to Hydraulics
- Hydraulic Fittings, Piping, Tubing & Hoses
- Reservoirs, Coolers & Filters
- Vehicle Hydraulic Brake Systems
- Basic Air Brake Systems
- Ozone Depleting Substances

What types of jobs can I obtain after completing this program?

- Agricultural equipment technician
- Apprentice farm equipment mechanic
- Apprentice farm machinery mechanic
- Heavy equipment service technician
- Truck & Transport service technician
- Farm equipment mechanic
- Farm equipment technician
- Farm machinery mechanic
- Farm machinery wheelwright
- Farm tractor mechanic
- *These are just to name a few there are so many more jobs that you can obtain by referring to the National Occupational Classification.

What type of work do Agricultural Equipment Technicians do?

- Check agricultural equipment for proper performance and inspect equipment to detect faults and malfunctions.
- Diagnose faults or malfunctions using computerized and other testing equipment to determine extent of repair required.
- Adjust equipment and repair or replace defective parts, components or systems, using hand and power tools.
- Test repaired equipment for proper performance and to ensure that work meets manufacturers' specifications.
- Clean, lubricate and perform other routine maintenance work on equipment.
- Service attachments and working tools such as harvesting and tillage equipment, blades, ploughs, winches, and side booms.
- May perform repair work on heavy trucks.
- May attach components and adjust new farm equipment.

*All information provided in brochures are subject to change. Please verify with College for exact costs or changes to course outline.



How Our Programs Work

This 32 week program provides 3 weeks in class of essential skills and safety training. After that you are only in class 2 days per week the other 3 days you are getting hands-on experience right out in Industry working side by side with a licensed technician.

We bring you back to class for two full weeks the end of April to prep you for your Provincial Block I Exam...

Call us today! Don't wait another minute to get started in your Career!

East Coast Trades College

1080 Brookside Drive

Fredericton, NB E3G 8T8

belinda.sangster@eastcoasttrades.com