

Heavy Equipment Technician

9-Month Certificate

Develop your skills in servicing, diagnosing and repairing agricultural, heavy duty and transport equipment. Gain practical skills with all types of engines, systems and safety regulations.

PROGRAM LEARNING OUTCOMES

- ▶ Complete work in compliance with provincial and/or national codes, applicable laws, standards and ethical practices in industry.
- ▶ Comply with health and safety practices and procedures in accordance with current legislation and regulations.
- ▶ Diagnose and repair engines and engine support systems, hydraulic and pneumatic systems, drivetrain systems, steering, suspension, brake systems, wheel assemblies, undercarriages, electrical and vehicle management systems, heating, ventilation, and air conditioning (HVAC) systems, as well as structural components, accessories, and attachments.
- ▶ Access repair information using service manuals and/or digital resources.
- ▶ Develop and use strategies for ongoing professional development to remain current with industry changes, enhance work performance and explore career opportunities.
- ▶ Communicate and collaborate with diverse clients, supervisors, coworkers and tradespersons to complete projects on time and to maintain effective working relationships.

For a full list of program learning outcomes, visit assiniboine.net/heavyequip.

A CAREER IN THIS FIELD IS A GOOD FIT FOR YOU IF YOU WOULD ENJOY OR HAVE...

- ▶ The physical fitness required to work with heavy machinery and equipment, lift heavy objects, and perform manual labor.
- ▶ Troubleshooting mechanical problems and come up with effective solutions.
- ▶ Paying close attention to detail to ensure that machinery and equipment are repaired and maintained properly.
- ▶ Learning mechanical systems and how they work.
- ▶ Working in a range of environmental conditions: from service shops to remote sites.
- ▶ Working in a collaborative team environment or independently as the situation requires.
- ▶ Continually learning and adapting to changing conditions and technological advancements in the field.



Campus/Delivery Options
North Hill campus



Available Intakes
September



Work Integrated Learning
3 weeks

EXPECTATIONS

Program and Industry

- ▶ Be reliable, punctual, and regularly attend work.
- ▶ A valid driver's license and access to a vehicle is strongly recommended given the potential need to travel for practicum placement.
- ▶ Move around and work within the environment, negotiating different areas including stairs, confined spaces, heights, uneven terrain and scaffolds.
- ▶ Complete responsibilities requiring standing, bending, kneeling and climbing.
- ▶ Have the strength, dexterity, balance and stamina required to work in or on equipment.
- ▶ Work in noisy, dusty and/or fume areas with appropriate personal protective equipment.
- ▶ Interpret technical instructions, documents, drawings, specifications, regulations, bylaws and standards.
- ▶ Communicate effectively with others including suppliers, co-workers, safety inspectors, manufacturer representatives, and customers.
- ▶ Work in industry-specific shifts, schedules, and conditions.
- ▶ Listen to direction and act on that accordingly.
- ▶ Demonstrate safety-conscious attitudes and work practices.

CAREER OPPORTUNITIES

- ▶ Dealerships
- ▶ Repair shops
- ▶ Service management
- ▶ Heavy duty or agricultural companies
- ▶ Component parts

ADMISSION REQUIREMENTS

- ▶ A complete Manitoba Grade 12 or equivalent
- ▶ Consumer/Essential Math 40S or equivalent

Next Steps

Confidence in the career path you choose to embark on is key and selecting the right program for you is the first step. At Assiniboine, we offer an opportunity to explore and experience a program before applying. Choose to:

SPEND A DAY WITH US

Our Spend a Day program runs from November to March for most programs. When you spend a day at Assiniboine, we partner you with a current student in the program of your choice so you have the opportunity to:

- ▶ Participate in classroom activities
- ▶ Experience college life
- ▶ Explore all of our helpful services for students
- ▶ Meet current college students and instructors
- ▶ Enjoy a free lunch on us!

assiniboine.net/spendaday

ATTEND AN ONLINE INFO SESSION

Our free, live online information sessions give you the inside scoop on our college, the program you're interested in and life at Assiniboine. Register in advance and from the comfort of your own home, log in to learn what Assiniboine has to offer.

assiniboine.net/infosessions



Ready to start?
Apply Now!