

HEAVY EQUIPMENT OPERATOR CERTIFICATE

COURSE DESCRIPTION

Heavy equipment operators use and maintain the equipment in the construction and maintenance of roads, bridges, airports and utilities, gas and oil pipelines, tunnels, buildings, and other structures.

The Heavy Equipment Operator Program will provide students with the background training to operate crawler tractors, hydraulic excavators, motor graders, and rubber tire loaders and will allow students to gain their Manitoba Heavy Construction Association (MHCA) operator certification in one of the four pieces of equipment. Simulator is a major component of this program.

CAREER OPPORTUNITIES

Graduates of this program may find employment with construction companies, heavy equipment contractors, and public works departments, and in industries such as pipeline construction, logging, mining, oil, and cargo handling.



MODULES

- Heavy Equipment Operation
- Simulator Training

LEARNING AREA EXAMPLES

- perform basic Rubber Tire Loader operations, such as control familiarization and bucket/fork exercises, on a John Deere simulator.
- perform basic Crawler Tractor/Dozer operations, such as control familiarization, loading/off-loading, and trenching exercises
- perform basic Excavator operations, such as control familiarization, loading/off-loading, and trenching exercises
- perform basic Motor Grader operations, such as cut and fill dirt exercises

NOTE

The In-seat practicum provides students with the opportunity to gain up to 120 hours of seat-time in the equipment of their choice. Students must complete an industry assessment, as overseen by the Manitoba Heavy Construction Association, to gain certification as a specialized heavy equipment operator and to graduate from the program.

Contact the Manitoba Construction Sector Council at info@mbcsc.com

HOW TO REGISTER

Industry Partners

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PROGRAM OVERVIEW

<p>Duration</p>	<ul style="list-style-type: none"> • 4 weeks of training, includes simulator training • Minimum: 120 hours in seat training on one machine (ie. loader, excavator, dozer, grader, etc.)
<p>Delivery</p>	<ul style="list-style-type: none"> • In class - Full-time • Optional Practicum - In-seat Training
<p>Location(s)</p>	<ul style="list-style-type: none"> • Winnipeg • Brandon • Thompson • First Nation Communities
<p>Entrance Requirements</p>	<p>Potential students should complete the following training before taking the Heavy Equipment Operator Certificate Program:</p> <ul style="list-style-type: none"> • 3-week Job Readiness Program • 1 week of Construction Safety Training • Introduction to Heavy Construction
<p>Certification(s)</p>	<p>Manitoba</p> <ul style="list-style-type: none"> • Heavy Equipment Operator Certificate - Manitoba Construction Sector Council
<p>Certificate Completion Requirements</p>	<ul style="list-style-type: none"> • Presentation • Assignments • Safety quizzes
<p>Credit Transfer Opportunities</p>	<p>TBD</p> <ul style="list-style-type: none"> • MCSC is working with colleges across the province to recognize job readiness within the Construction Labourer Certificate

