



# INTRODUCTION TO HEAVY CONSTRUCTION

## COURSE DESCRIPTION

Heavy construction is a growing industry in Manitoba that spans various industries (e.g. roadbuilding, mining, oil and gas, sewer and water, etc.) and encompasses numerous careers (e.g. labourer, heavy duty mechanic, flagpersons, heavy equipment operators, health and safety officers, project managers, etc.).

Currently, the Manitoba K-12 curriculum does not offer trades training for students in this field. The addition of this course, Introduction to Heavy Construction, will provide students with additional career options.

Ideally, the teacher for this course is a subject matter expert from the industry who can provide authentic knowledge and experiences to the students, as well as

- Provide industry representatives as guest speakers to provide students with opportunities to understand the various division within the heavy construction industry (E.g. Borland, Hugh Munro Construction, Nelson River Construction, and Maple Leaf Construction)
- Invite guest speakers, such as Manitoba Heavy Construction Association (MHCA), Safe Work Manitoba, and industry representatives to discuss Workplace Safety and Health Act & Regulations and WHMIS.



## MODULES

### 0.5 Credit hours (without Practicum)

Heavy Construction: An Overview	15 Hours
Safety in Heavy Construction	30 Hours
Career Exploration	10 Hours

**Total 55 Hours**

### 1.0 Credit hours with Practicum

Heavy Construction: An Overview	15 Hours
Safety in Heavy Construction	30 Hours
Career Exploration	10 Hours
Practicum Placement	55 Hours

**Total 110 Hours**

## NOTE

Providing students with a Practicum Option (55 hours) allows them to obtain first-hand experience as a general labourer while under the supervision of professionals from the field. Before students participate in the practicum, they may be required to complete documentation (e.g. Parental Consent Form for those under 18 years of age, Practicum Student/ Company Request Form, Job Description). Also, the school may need to assign a career counsellor, classroom instructor or other designated person to act as a Practicum Coordinator, if one is not available.

## HOW TO REGISTER

Contact the Manitoba Construction Sector Council at [info@mbcsc.com](mailto:info@mbcsc.com)

## Industry Partners



# INTRODUCTION TO **HEAVY** CONSTRUCTION



## PROGRAM OVERVIEW

<b>Duration</b>	<p><b>Manitoba</b></p> <ul style="list-style-type: none"> <li>• 55 hours without Practicum</li> <li>• 110 with Practicum</li> </ul> <p><b>Ontario</b></p> <ul style="list-style-type: none"> <li>• 90 hours (55 hours, Theory + 35 hours, Practicum)</li> </ul>
<b>Delivery</b>	<p><b>55 hours without Practicum</b></p> <ul style="list-style-type: none"> <li>• 2 weeks, full-time</li> <li>• 3 weeks – 3 months, part - time</li> </ul> <p><b>110 with Practicum</b></p> <ul style="list-style-type: none"> <li>• 3.5 weeks full – time</li> <li>• 4 weeks – 6 months, part - time</li> </ul>
<b>Location(s)</b>	<ul style="list-style-type: none"> <li>• Winnipeg</li> <li>• Brandon</li> <li>• Thompson</li> <li>• The Pas</li> <li>• First Nation Communities</li> <li>• Out of Province</li> </ul>
<b>Entrance Requirements</b>	<p><b>Grade 11 Career Development: Life/Work Building (half-credit course) or equivalent.</b></p> <ul style="list-style-type: none"> <li>• This course prepares students with the foundational knowledge to build their self-image, develop an understanding of their work preferences, identify their personal qualities and skills as they relate to the world of work, and develop the ability to research and analyze careers of interest.</li> </ul>
<b>Certification(s)</b>	<p><b>Manitoba</b></p> <ul style="list-style-type: none"> <li>• Course Credit Value: 0.5/ 1.0</li> <li>• Course Level: 41G</li> </ul> <p><b>Ontario</b></p> <ul style="list-style-type: none"> <li>• Course Credit Value: 1.0</li> </ul>
<b>Certificate Completion Requirements</b>	<ul style="list-style-type: none"> <li>• Presentation</li> <li>• Assignments</li> <li>• Safety quizzes</li> </ul>
<b>Credit Transfer Opportunities</b>	<p><b>Manitoba:</b> TBD</p> <p><b>Ontario:</b> Senior Equivalency Credit</p>

