

# Construction Essentials

30-410-3 | Technical Diploma | 9 Credits

**Campus:** Contact your regional Northwood Tech customized training representative to discuss location needs

## Program Overview

You will find entry-level job success with an opportunity to build your knowledge, skills and professionalism to further your career. You will learn the basic fundamentals of construction framing and drafting along with print reading and math concepts related to construction. Safety principles and the use of hand and power tools will be covered.

## Special Features

Northwood Tech’s Construction Essentials program is designed to offer at off-campus sites. This mobile delivery option increases training opportunities for high schools and other Northwood Tech partnering agencies.

## Inquire

For more information, please email Customized Training at Northwood Tech: [customizedtraining@northwoodtech.edu](mailto:customizedtraining@northwoodtech.edu)

## Program Outcomes

Upon completion of this technical diploma, graduates will be able to:

- Use hand and power tools and equipment
- Apply industry recognized safety practices and procedures
- Interpret construction drawings
- Demonstrate industry building practices and material application

## Career Outlook

Typical positions available after completion include:

- Construction Worker
- Construction/Carpenter Laborer
- Carpenter Assistant
- Carpentry Framer

## Career Pathway ➤

The Construction Essentials program is a pathway into the following program (page 231):

- Construction and Cabinetmaking

## Related Programs

- Architectural Woodworking & Cabinetmaking
- Drafting Technician

## Required Courses

Number	Course Title	Credits (cr.)
32410303	Construction Framing 1*	4 cr.
32410339	Print Reading for Building Construction	2 cr.
32804325	Applied Technical Math 1	<u>3 cr.</u>

**TOTAL CREDITS** **9 cr.**

\* Requires a prerequisite and/or corequisite that must be completed with a grade point of 2.0 or better.