



# Construction Technology AS

The Construction Technology AS program prepares students for technical and supervisory positions in the construction of commercial, industrial, and civil buildings and structures. Students must be currently in, or have completed, a state of MN registered apprenticeship in order to be eligible for this program.

## Construction Technology Curriculum

### Curriculum

#### Program Courses 14-27 Credits (dependent on union)

Course Code	Title	Course Outlines	Goal Areas	Credits
<a href="#">CMSV 1500</a>	Construction Technology I	<a href="#">View-CMSV 1500</a>	n/a	5
<a href="#">CMSV 1550</a>	Construction Technology Field Experience	<a href="#">View-CMSV 1550</a>	n/a	4
<a href="#">CMSV 1600</a>	Construction Technology II	<a href="#">View-CMSV 1600</a>	n/a	5
<a href="#">CMSV 1650</a>	Construction Technology Field Experience II	<a href="#">View-CMSV 1650</a>	n/a	4
<a href="#">CMSV 1700</a>	Construction Technology III	<a href="#">View-CMSV 1700</a>	n/a	5
<a href="#">CMSV 1750</a>	Construction Technology Field Experience III	<a href="#">View-CMSV 1750</a>	n/a	4

## General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
<a href="#">COMM 1110</a>	Principles of Interpersonal Communication	<a href="#">View-COMM 1110</a>	n/a	3
<a href="#">ECON 1070</a>	Principles of Microeconomics	<a href="#">View-ECON 1070</a>	n/a	3
<a href="#">ENGL 1940</a>	Technical Writing	<a href="#">View-ENGL 1940</a>	n/a	3
<a href="#">HIST 1230</a>	U.S. Labor History	<a href="#">View-HIST 1230</a>	n/a	3
<a href="#">MATH 1120</a>	College Algebra <b>or</b>	<a href="#">View-MATH 1120</a>	n/a	3
MATH 1150				
<a href="#">PSYC 1150</a>	General Psychology	<a href="#">View-PSYC 1150</a>	n/a	3
College Writing I				
<a href="#">ENGL 1200</a>	Gateway College Writing <b>or</b>	<a href="#">View-ENGL 1200</a>	n/a	4
<a href="#">ENGL 1201</a>	College Writing I	<a href="#">View-ENGL 1201</a>	n/a	4
1 course from CHEM1010, PHYS1000, PHYS1030, EEVS1100				
<a href="#">CHEM 1010</a>	Introduction to Chemistry <b>or</b>	<a href="#">View-CHEM 1010</a>	n/a	4
<a href="#">EEVS 1100</a>	Physical Geology <b>or</b>	<a href="#">View-EEVS 1100</a>	n/a	4
<a href="#">PHYS 1000</a>	Conceptual Physics <b>or</b>	<a href="#">View-PHYS 1000</a>	n/a	4
<a href="#">PHYS 1030</a>	Introduction to Physical Sciences	<a href="#">View-PHYS 1030</a>	n/a	4
1 course from PHIL1020, PHIL1200				
<a href="#">PHIL 1020</a>	Ethics <b>or</b>	<a href="#">View-PHIL 1020</a>	n/a	3
<a href="#">PHIL 1200</a>	Environmental Philosophy	<a href="#">View-PHIL 1200</a>	n/a	3

## Program Technical Electives 3-16 Credits

Course Code	Title	Course Outlines	Goal Areas	Credits
<b>CMSV 1000</b>	Construction Professionalism Seminar	<a href="#">View-CMSV 1000</a>	n/a	4
<b>CMSV 1200</b>	Construction Graphics	<a href="#">View-CMSV 1200</a>	n/a	3
<b>CMSV 1300</b>	Legal Aspects of Construction	<a href="#">View-CMSV 1300</a>	n/a	3
<b>CMSV 2100</b>	Soils and Concrete Technology	<a href="#">View-CMSV 2100</a>	n/a	3
<b>CMSV 2200</b>	Construction Quality Assurance and Quality Control	<a href="#">View-CMSV 2200</a>	n/a	4
<b>CMSV 2870</b>	Construction Management	<a href="#">View-CMSV 2870</a>	n/a	3
<b>CMSV 2875</b>	Mechanical and Electrical Systems	<a href="#">View-CMSV 2875</a>	n/a	4
<b>CMSV 2885</b>	Construction Estimating	<a href="#">View-CMSV 2885</a>	n/a	4
<b>CMSV 2890</b>	Building Organization and Technology	<a href="#">View-CMSV 2890</a>	n/a	3
<b>CMSV 2900</b>	Construction Scheduling	<a href="#">View-CMSV 2900</a>	n/a	3

## MnTC Electives - to reach 30 MnTC credits and 60 total credits

[Additional MnTC Courses \(if needed to meet 60 total credits\)](#)

**Total Credits Required**

**60**

## Program Overview

**2024-2025**

This program will prepare students for technical and supervisory positions in the construction of commercial, industrial and civil buildings and structures. The curriculum combines the technical knowledge and skills of building construction with key courses in applied management necessary to manage complex construction projects.

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## Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Construction Technology AS Program Roadmap Full Time](#)
  - [Construction Technology AS Program Roadmap Part Time](#)
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## Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O\\*Net Online website](#).

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## Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: [Transfer Information](#)

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## Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

**Developmental Courses** Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

**Equal Opportunity Employer and Disability Access Information** North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 7634930555 or through the Minnesota Relay Service at 18006273529.

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# Accreditation

North Hennepin Community College is accredited by the Higher Learning Commission ([hlcommission.org](https://hlcommission.org)), an institutional accreditation agency recognized by the U.S. Department of Education.

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