

Construction Technology AAS

The Construction Technology AAS 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
45 Credits Total CMSV Program + Elective credits required				
CMSV 1500	Construction Technology I	View-CMSV 1500	n/a	5
CMSV 1500	Construction Technology I	View-CMSV 1500	n/a	5
CMSV 1550	Construction Technology Field Experience	View-CMSV 1550	n/a	4
CMSV 1600	Construction Technology II	View-CMSV 1600	n/a	5
CMSV 1650	Construction Technology Field Experience II	View-CMSV 1650	n/a	4
CMSV 1700	Construction Technology III	View-CMSV 1700	n/a	5
CMSV 1750	Construction Technology Field Experience III	View-CMSV 1750	n/a	4

Program Technical Electives 18-31 Credits

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

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 1200	Gateway College Writing or	View-ENGL 1200	n/a	4
ENGL 1201	College Writing I and	View-ENGL 1201	n/a	4
ENGL 1940	Technical Writing	View-ENGL 1940	n/a	3
COMM 1110	Principles of Interpersonal Communication and	View-COMM 1110	n/a	3
HIST 1230	U.S. Labor History	View-HIST 1230	n/a	3

MnTC Electives - to reach 15 MnTC credits and total 60 credits

Additional MnTC Courses (if needed to meet 60 total credits)
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Total Credits Required

60

Program Overview

2023-2024

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. (See below for special admission requirements)

Program Maps

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

- [Construction Technology AAS Program Roadmap Full Time](#)
- [Construction Technology AAS Program Roadmap Part Time](#)

Career Opportunities

Information on careers, including salary and employment outlook data, is available at Minnesota State and the Bureau of Labor Statistics websites:

careerwise.minnstate.edu and www.bls.gov.

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](#)

Degree Information

The Associate in Applied Science (A.A.S.) degree is intended for those students who plan to use the competence gained through their degree for immediate employment or enhancing current career skills. The A.A.S. degree includes a minimum of 20 semester credits in general education selected from at least three of the ten goal areas of the Minnesota Transfer Curriculum (MnTC). The MnTC courses within the A.A.S. programs transfer to any Minnesota State College or University. Many of the A.A.S. degree programs have articulation agreements with four year institutions for transfer of the 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.
- Earn 20 credits in at least 3 MnTC goal areas

Completion of an A.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.

Accreditation

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

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