

AS: Construction Technology 2021-2022

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.

Program Courses 14-27 Credits

Course No	Course Title	Credits
CMSV1500	Construction Technology I	5
CMSV1550	Construction Technology Field Experience	4
CMSV1600	Construction Technology II	5
CMSV1650	Construction Technology Field Experience II	4
CMSV1700	Construction Technology III	5
CMSV1750	Construction Technology Field Experience III	4

General Education Courses – 30 credits

Course No.	Course Title	Credits
COMM1110	Principles of Interpersonal Communication	3
ECON 1070	Macro Economics	

College Writing I: (minimum grade 1.67)

ENGL1200	Gateway College Writing (minimum grade 1.67) <i>or</i>	4
ENGL1201	College Writing I (minimum grade 1.67)	4
ENGL1940	Technical Writing	3
HIST1230	U.S. Labor History	3
MATH1150	College Algebra	3
PSYC1150	General Psychology	3

Philosophy (Choose 1 course)

PHIL1020	Ethics <i>or</i>	3
PHIL1200	Environmental Ethics	3

Natural Science (Choose 1 course)

PHYS1000	Conceptual Physics <i>or</i>	4
PHYS1030	Introduction to Physical Sciences <i>or</i>	4
CHEM1010	Introduction to Chemistry <i>or</i>	4
EEVS1000	Physical Geology	4
MnTC Credit	Choose one additional MnTC credit to equal 30	1

Program Technical Electives 3-16 credits

Student will select from the following elective course offerings to complete the required 30 program credits of the Construction Technology degree.

Course No.	Course Title	Credits
CMSV1000	Construction Professionalism Seminar	4
CMSV1200	Construction Graphics	3
CMSV1300	Legal Aspects of Construction	3
CMSV2100	Soils and Concrete Technology	3
CMSV2200	Construction Quality Assurance and Quality Control	4
CMSV2870	Construction Management	3
CMSV2875	Mechanical and Electrical Systems	4
CMSV2885	Construction Estimating	4
CMSV2890	Building Organization and Technology	3
CMSV2900	Construction Scheduling	3

Total Credit Required: 60

* In order to be eligible for the Construction Technology AAS Program, you must be a part of one of the following Joint Apprenticeship and Training Committee:

Boilmakers Local #647
Bricklayers BAC Local #1
Carpenters Local #68, #322, #361, #464, #606, #930, #1091, #1176, #1382, #1934
Cement Masons Local #633
Crane Operators Local #49
Electricians (Limited Energy) Local #110, #242, #292, #294, #343
Electricians (Minneapolis) Local #292
Electricians (St Paul) Local #110
Floor Coverers Local #68, #361, #1382
Heavy Equipment Operators Local #49
Ironworkers Local #512
Laborers Local #405, #563, #1091, #1097
Millwrights Local #548
Operative Plasterers Local #265
Pile Drivers Local #1847
Pipefitters (Constructive) Local #539
Pipefitters (Service) Local #539
Plumbers (Minneapolis) Local #15
Pointer Caulker Cleaners BAC Local #1
Roofers and Waterproofers Local #96
Sprinkler Fitters Local #417
Terrazo Finishers BAC Local #1 Tile Finishers BAC Local #1 Tile Layers BAC Local#1

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the isseek and Bureau of Labor Statistics websites: <https://careerwise.minnstate.edu/careers/> 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: [TransferInformation](#)

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 60-71 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 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Accreditation

North Hennepin Community College is accredited by the: Higher Learning Commission 30

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