



Pine Technical & Community College

CONSTRUCTION TECHNOLOGY

Build practical skills for in-demand careers in the construction trades. PTCC's Construction Technology AAS program provides foundational training in carpentry, electrical, plumbing, and HVAC while emphasizing safety, project management, and teamwork. Students apply classroom knowledge through hands-on community projects and immersive work-based learning experiences. Graduates leave prepared for employment in the skilled trades.



COLLEGE CATALOG 2026-27



36 Credits
Earns a Certificate

+



60 Credits
Earns an AAS



\$268 per Credit
on Average



18:1 Student/Instructor
Ratio on Average

Program Delivery Mode: On-Campus

Construction Technology Diploma

(36 credits)

General Education Courses

ENGL 1277 Technical Communications or	
ENGL 1276 English Composition	4
MATH 1251 Technical Math.....	3
General Education Electives MnTC Goal Areas 3-10.....	3

Technical Education Courses

CONS 1100 Introduction to Construction Careers.....	2
CONS 1201 Principles of Construction & Tool Safety	3
CONS 1250 Building Plans, Specifications & Codes	2
CONS 1310 HVAC, Plumbing, & Electrical Systems.....	4
CONS 1320 Basic Building Design.....	2
CONS 1350 Site Preparation and Safety	3
CONS 1400 Construction Interiors.....	3
CONS 1450 Construction Exteriors.....	3
CONS 2101 Construction Internship I.....	4
Total Credits	36

Construction Technology AAS

(24 additional credits)

General Education Courses

COMM 1100 Introduction to Communication.....	3
General Education Electives MnTC Goal Area of Choice	3

Technical Education Courses

CONS 2210 Advanced Building Systems.....	4
CONS 2215 Advanced Construction Principles.....	2
CONS 2230 Construction Project Planning.....	3
CONS 2251 Construction Internship II.....	3
CONS 2290 Construction Technology Capstone	4
Total Credits	60

Recommended Course Sequence for Completion in 2 Years

First Fall

CONS 1100 Introduction to Construction Careers.....	2
CONS 1201 Principles of Construction & Tool Safety	3
CONS 1250 Building Plans, Specifications, & Codes	2
CONS 1310 HVAC, Plumbing, & Electrical Systems.....	4
CONS 1320 Basic Building Design	2
ENGL 1277 Technical Communications or	
ENGL 1276 College Composition	4
Total Credits	17

First Spring

CONS 1350 Site Preparation & Safety.....	3
CONS 1400 Construction Interiors.....	3
CONS 1450 Construction Exteriors.....	3
MATH 1251 Technical Math.....	3
MnTC Goal Area 3-10	3
Total Credits	15

Second Fall

CONS 2101 Construction Internship I*	4
Construction Technology Diploma Earned!	
CONS 2210 Advanced Building Systems	4
CONS 2215 Advanced Construction Principles.....	4
CONS 2230 Construction Project Planning.....	3
Total Credits	15

Second Spring

CONS 2251 Construction Internship II.....	3
CONS 2290 Construction Technology Capstone	4
COMM 1100 Introduction to Communications.....	3
MnTC Goal Area of Choice.....	3
Total Credits	13

TOTAL DEGREE CREDITS **60**

Construction Technology AAS Earned!

* Can be taken in First Summer

Career Outlook

Possible Job Titles

- Carpenter
- Construction Carpenter
- Lead Carpenter



4.4%

MN Projected
Growth % (2022-2032)



\$65,900

MN Median Annual
Wage (\$) (approx.)

*Data from ONET & MN DEED

Get the Credit You Deserve!

What is Credit for Prior Learning (CPL)?

PTCC awards college credit for knowledge gained outside the classroom, including work and life experience.

You may qualify through:

- Job skills/work experience
- Employer training
- Military education
- Industry certifications
- Volunteer service
- Self-study
- High school articulated credit
- Standardized exams

Getting Started is Easy:

- Visit mycpl.minnstate.edu to view eligible courses and requirements.
- Contact records@pine.edu for guidance on options, assessments, and any applicable fees.

New to PTCC? Visit Campus!

- Take a campus tour
- Learn about scholarships
- Meet the admissions team
- Tour housing and The REC

Book an Appointment to Explore PTCC!



Sign up to visit in person, or virtually, to learn more about PTCC programs, admissions requirements, housing options, and more.

www.pine.edu/visit



Apply Today!

www.pine.edu/apply

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