



Pine Technical & Community College

# NETWORK ADMINISTRATION

Keep businesses connected and secure. PTCC's Network Administration AAS program provides hands-on training in installing, configuring, managing, and troubleshooting computer networks and systems. Students develop strong technical problem-solving skills while working with real-world operating systems and networking equipment. Graduates are prepared for careers in network support, systems administration, or continued study in information technology.



COLLEGE CATALOG 2026-27



24 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 Plus

### Network Technician Certificate

(24 credits)

#### General Education Courses

MATH 1260 College Algebra or  
MATH 1256 Mathematical Thinking .....3

#### Technical Education Courses

COCP 1209 Workstation Operating System .....3  
COCP 1211 Network Security .....3  
COCP 1213 Introduction to Programming .....3  
COCP 1220 Networking Admin 1 .....3  
COCP 1250 Computer Hardware Support .....3  
COCP 1251 Computer Software Support .....3  
COCP 1253 Microsoft Server Operating System .....3  
**Total Credits ..... 24**

### Network Administration AAS

(36 additional credits)

#### General Education Courses

ENGL 1277 Technical Communications .....4  
PHIL 1220 Human Ethics – General Elective .....3

#### General Education Electives

MnTC Goal Areas (2 different areas) 3 - Natural Science,  
5 - History, Social Science and Behavioral Sciences .....6

#### Technical Education Courses

BUSN 1110 Introduction to Business .....3  
COCP 1221 Networking Admin 2 .....3  
COCP 1222 Networking Admin 3 .....3  
COCP 1223 Networking Admin 4 .....3  
COCP 2204 Windows Server Administration .....3  
COCP 2230 Linux Administration .....3  
COCP 2258 Project Management .....3  
COCP 1224 Cisco CCNA Certification Study Course .....2  
**Total Credits ..... 60**

## Recommended Course Sequence for Completion in 2 Years

### First Fall

COCP 1220 Network Administration 1 .....	3
COCP 1250 Computer Hardware Support .....	3
COCP 1209 Workstation Operating Systems .....	3
COCP 1213 Introduction to Programming .....	3
MATH 1260 College Algebra or	
MATH 1256 Mathematical Thinking .....	3
<b>Total Credits</b> .....	<b>15</b>

### First Spring

COCP 1211 Network Security .....	3
COCP 1221 Network Administration 2 .....	3
COCP 2230 Linux Administration.....	3
COCP 1251 Computer Software Support.....	3
COCP 2258 Project Management .....	3
<b>Total Credits</b> .....	<b>15</b>

### Second Fall

COCP 1222 Network Administration 3 .....	3
COCP 1253 Microsoft Server OS.....	3
BUSN 1110 Introduction to Business.....	3
ENGL 1276 College Composition .....	4
PHIL 1220 Human Ethics-Gen Elective .....	3
<b>Total Credits</b> .....	<b>16</b>

**Network Technician Certificate Earned!**

### Second Spring

COCP 1223 Network Administration 4 .....	3
COCP 1224 CCNA Exam Prep .....	2
COCP 2204 Windows Server Administration .....	3
MnTC Goal Area 3 - Natural Science.....	3
MnTC Goal Area 5 - Hist/Soc Sci/Behavior Science .....	3
<b>Total Credits</b> .....	<b>14</b>

**TOTAL DEGREE CREDITS** ..... **60**

**Network Administration AAS Earned!**

## Career Outlook

### Possible Job Titles

- Network Administrator
- Systems Administrator
- Network Support Specialist



**1.9%**

MN Projected  
Growth % (2022-2032)



**\$97,900**

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](http://mycpl.minnstate.edu) to view eligible courses and requirements.
- Contact [records@pine.edu](mailto: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](http://www.pine.edu/visit)**



*Apply Today!*

**[www.pine.edu/apply](http://www.pine.edu/apply)**

**320-629-5100 • 800-521-7463**