Pine Technical & Community College

Network Administration

- **Associate of Applied Science**
- **Certificate**

The Network Administration A.A.S. provides students training in the technologies, theories, and skills used in network operations and administration. Students learn how to properly install, configure, manage, and monitor various operating systems and networking appliances. Additionally, students get hands on with design, installation, configuration, and troubleshooting multiple types of information technology networks and systems. At the conclusion of the program, students can be immediately employed, or transfer to pursue a bachelor's degree in network administration.

Recommended Course Sequence for Completion in 2 Years • 2023-2025

Fall Semester 2023
COCP 1220 Network Administration 1 3
*COCP 1250 Microcomputer Hardware Support 3
*COCP 1209 Workstation Operating Systems 3
*COCP 1213 Introduction to Programming 3
*MATH 1260 College Algebra 3
Total Credits **15**

Spring Semester 2024
*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
Total Credits **15**

Fall Semester 2024
COCP 1222 Network Administration 3 3
*COCP 1253 Microsoft Server OS......................................3
COCP 2204 Windows Server Administration.....................3
*BUSN 1110 Introduction to Business...............................3
ENGL 1276 College Composition 4
Total Credits **16**
Network Technician Certificate Earned!

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Spring Semester 2025
COCP 1223 Network Administration 4 3
COCP 1224 CCNA exam prep...2
PHIL 1220 Human Ethics (Gen Elective) 3
MnTC Goal Area 3 - Natural Science.................................3
MnTC Goal Areas 5 - Hist/Soc Sci/Behav Sci.....................3
Total Credits **14**

TOTAL DEGREE CREDITS 60
Network Administration AAS Earned!

*Check with our Transfer Specialist to determine if any knowledge or skills learned outside of the classroom may qualify for Credit for Prior Learning (CPL) college credit.

Career Outlook
Local organizations are in need of well-trained IT professionals, and PTCC's partnerships have led to internship and job opportunities for students. According to Minnesota Employment and Economic Development, Computer Network Support Specialists earned a median salary of $67,319 per year. Network and Computer Systems Administrators earned a median salary of $88,520 in 2020. Both occupations are expected to have high demand in the next decade.