

FUNDAMENTAL IT NETWORKING & SECURITY, CERTIFICATE OF COMPLETION

The Fundamental IT Networking & Security Certificate of Completion provides the foundational knowledge to support IT systems, networks and hardware. Will prepare students for an entry-level help desk position in Information Technology. It will also prepare students to sit for the following industry certification exams:

- Cisco Certified Networking Associate
- CompTIA A+
- CompTIA Security+
- Microsoft 365 Certified: Endpoint Administrator Associate

Upon successful completion of the program, students will be able to:

- Analyze information technology issues and provide a solution via known troubleshooting methodologies.
- Operate, configure, administer and maintain computer hardware, software and networks.
- Apply basic information technology security principles and practices when interacting with information systems.

Noncredit Certificate of Completion Requirements

Code	Title	Units
CSIS 475	Introduction to Computer Hardware/A+ Prep (45 hours lecture, 68 hours lab)	
CSIS 476A	Cisco Certified Network Associate (CCNA) 1 (34 hours lecture, 68 hours lab)	
CSIS 476B	Cisco Certified Network Associate (CCNA) 2 (34 hours lecture, 68 hours lab)	
CSIS 476C	Cisco Certified Network Associate (CCNA) 3 (34 hours lecture, 68 hours lab)	
CSIS 483A	Microsoft Client Operating System (34 hours lecture, 51 hours lab)	
CSIS 486	Network Security Fundamentals/Security+ Prep (34 hours lecture, 68 hours lab)	
WORK 496 or WORK 499	Professional and Essential Skills (34 hours lecture) Career-Focused Work Experience	
Total Hours		640

Please refer to the program requirements section of the Catalog for information about associate degree requirements and certificate requirements including Information Competency, and General Education requirements.

The model sequence of coursework below is one pathway for students to complete the program. The information below is not an official educational plan. An MPC Counselor can assist you with creating a personalized education plan based on your academic, career, and personal goals. Visit MPC's Counseling website for more information about Counseling and up-to-date program requirements.

Suggested Course Sequence

Year 1		Units
Fall		
CSIS 475	Introduction to Computer Hardware/A+ Prep	
CSIS 476A	Cisco Certified Network Associate (CCNA) 1	
CSIS 483A	Microsoft Client Operating System	
CSIS 486	Network Security Fundamentals/Security+ Prep	
Units		0
Spring		
CSIS 476B	Cisco Certified Network Associate (CCNA) 2	
CSIS 476C	Cisco Certified Network Associate (CCNA) 3	
WORK 496 or WORK 499	Professional and Essential Skills or Career-Focused Work Experience	
Units		0
Total Units		0

MPC "Ready to Work" Career Education programs offer students the opportunity to gain knowledge and skills needed for employment and job advancement.

All students should consult with a Counselor to discuss career pathways, for support with career exploration and planning, and to create a personalized education plan to help them meet their academic, career, and personal goals. Visit MPC's Counseling website for more information about Counseling services provided by MPC and to connect with a Counselor.

Additional resources are available through MPC's Career & Transfer Resource Center (CTRC). The CTRC offers career resources, workshops, guidance and referrals. Visit the CTRC for support finding online career information and other resources to explore majors, occupations, and employment information.