

# COMPUTER NETWORKING AND SECURITY, ASSOCIATE IN SCIENCE

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 2-Year Course Sequence

### Year 1

Fall		Units
ENGL 1A or ENGL 1AE	College Composition or College Composition: Enhanced	3
LIBR 50	Introduction to Library and Research Skills	1
MPC GE Area A2 (MATH 13 or MATH 16 Recommended)		4
CSIS 76A	Cisco Certified Network Associate (CCNA) 1	3
CSIS 76B	Cisco Certified Network Associate (CCNA) 2	3
Elective (COUN 10 Recommended)		1
<b>Units</b>		<b>15</b>

### Spring

CSIS 76C	Cisco Certified Network Associate (CCNA) 3	3
CSIS 86	Network Security Fundamentals/Security+ Prep	3
MPC GE Area B and Lab		4
MPC GE Area C		3
MPC GE Area D		3
<b>Units</b>		<b>16</b>

### Year 2

Fall		Units
CSIS 80	Introduction to UNIX and Linux	3
CSIS 89	Preparation for Cybersecurity Analyst Certification (CYSA+)	3
CSIS 72A	Administering Windows Server Core Infrastructure	3
Select one course from the following:		1-4
BUSI 70 or CSIS 9 or CSIS 51C or CSIS 75 or CSIS 77 or CSIS 81 or CSIS 87 or CSIS 88 or CSIS 98	Business Communication or Programming Fundamentals: Python or Database Processing or Introduction to Computer Hardware/A + Prep or Web Design and Publishing or ITIL Essentials or Computer Forensics or Security Practices: Penetration Testing and Discovery or Project Development	
Electives (CSIS 87 Recommended)		3
MPC GE Area E		3
<b>Units</b>		<b>16-19</b>

### Spring

CSIS 83A	Microsoft Client Operating System	3
CSIS 72B	Configuring Windows Server Hybrid Advanced Services	3
MPC GE Area F		3
Electives (CSIS 88 Recommended)		3
Electives (ENGL 2, SPCH 1, or SPCH 2 Recommended)		1-4
<b>Units</b>		<b>13-16</b>
<b>Total Units</b>		<b>60-66</b>