# 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 C1000 | Academic Reading and Writing | 3 |
| LIBR 50 | Introduction to Library and Research Skills | 1 |
| CSIS 76A | Cisco Certified Network Associate (CCNA) 1 | 3 |
| CSIS 72A | Administering Windows Server Core Infrastructure | 3 |
| CSIS 86 | Network Security Fundamentals/Security+ Prep | 3 |
| Elective (COUN 10 Recommended) | | 1 |
| | **Units** | **14** |

**Spring**

| | | Units |
|---|---|---|
| STAT C1000 or MATH 17 or MATH 18 | Introduction to Statistics or Finite Math or Calculus and Analytic Geometry for Biology/Soc Sci/Business | 4 |
| CSIS 72B | Configuring Windows Server Hybrid Advanced Services | 3 |
| CSIS 76B | Cisco Certified Network Associate (CCNA) 2 | 3 |
| CSIS 76C | Cisco Certified Network Associate (CCNA) 3 | 3 |
| MPC GE Area 7 | | 3 |
| | **Units** | **16** |

**Year 2**

**Fall**

| | | Units |
|---|---|---|
| CSIS 80 | Introduction to UNIX and Linux | 3 |
| CSIS 83A | Microsoft Client Operating System | 3 |
| MPC GE Area 1B | | 3 |
| MPC GE Area 3 | | 3 |
| MPC GE Area 4 | | 3 |
| | **Units** | **15** |

**Spring**

| | | Units |
|---|---|---|
| CSIS 89 | Preparation for Cybersecurity Analyst Certification (CYSA+) | 3 |
| Select 1 Course from the following: | | 1-4 |
| BUSI 2 | Business Communication | |
| CSCI 9 | Programming Fundamentals: Python | |
| CSIS 75 | Introduction to Computer Hardware/A+ Prep | |
| CSIS 81 | ITIL Essentials | |
| CSIS 87 | Computer Forensics | |
| CSIS 88 | Security Practices: Penetration Testing and Discovery | |
| CSIS 98 | Project Development | |
| MPC GE Area 5 & Lab | | 4 |
| MPC GE Area 6 | | 3 |
| Electives | | 1-4 |
| | **Units** | **12-18** |
| | **Total Units** | **60** |