



Applied Technology

# Computer Networking & Security

**2**  
Years

TO DEGREE

**6**  
Classes

TO CERTIFICATE

**32%**

JOB GROWTH

Info Security Analyst

**51%**

NETWORK SUPPORT SPECIALIST

With Associate Degrees

## Program Overview

Connecting and protecting devices are crucial skills in today's computing world. In the Computer Networking and Security program, students learn how to interconnect devices both locally and across the Internet, and to protect networks from cyber threats. Skill development begins with the basic elements of a computer network and progresses to troubleshooting scenarios and advanced configuration for organizations of any size.

## Job Outlook

Computer networking and security is ranked among the top 20 fastest growing occupations, with a growth rate of 32%. Graduates are prepared to obtain many popular, internationally-recognized credentials that give them an edge in the market, such as A+, MCP, Security+, Microsoft Server and client, Cyber Ops, and CCNA. Graduates pursue careers locally in both the public and private sectors, with recent alumni working at the Defense Language Institute, Defense Manpower Data Center, Cisco, and others.

## CAREERS

### Computer Support Specialists

\$42,700 - \$116,500

### \*Information Security Analysts

\$61,680 - \$170,570

### \*Network Systems Administrators

\$58,420 - \$150,880

### \*Computer System Analysts

\$56,510 - \$152,060

\* Requires additional training  
Source: Bureau of Labor Statistics  
(CA data)



MPC is a registered Cisco Academy, offering CCNA, forensics, penetration testing, and cyber ops courses to prepare students for help desk and security analyst positions.



# Computer Networking & Security

**Associate in Science Degree**  
MPC GE Pattern

## Suggested Course Sequence

YEAR	FALL		SPRING	
		Units		Units
1	ENGL 1A	3	CSIS 76C	3
	LIBR 50	1	CSIS 86	3
	Area A2	5	Area B & Lab	4
	MATH 13 rec.		Area C	3
	CSIS 76A	3	Area D	3
	CSIS 76B	3	POLS 1, 10, 16, or 18 rec.	
	<b>Total Fall Units</b>	<b>15</b>	<b>Total Spring Units</b>	<b>16</b>
2	FALL		SPRING	
		Units		Units
	CSIS 80	3	CSIS 72A	3
	CSIS 89	3	CSIS 83A	3
	BUSI 70, CSIS 9, 51C, 75, 77, 81, 87, 88, or 98	1-4	Area F	3
	MPC Elective	3	HIST 12, 24, or 25 rec.	
	CSIS 87 rec.		MPC Elective	3
	MPC Elective	3	CSIS 88 rec.	
	ENGL 2 rec.		MPC Elective	1-3
			SPCH 1, 2, or 3 rec.	
	<b>Total Fall Units</b>	<b>13-16</b>	<b>Total Spring Units</b>	<b>13-15</b>

YEAR

1

Total Units:  
31

YEAR

2

Total Units:  
26-31

This is a suggested sequence of coursework and is one pathway for students to earn their degree/certificate. This is not an official educational plan. A counselor is able to assist you with creating a personalized education plan based on your academic, career, and personal goals. For more information about counseling and up-to-date program requirements, please visit [www.mpc.edu/counseling](http://www.mpc.edu/counseling).



*My internship experience at Cisco gave me the opportunity to network with IT professionals. Meeting new people and working in Cisco test labs certainly presented additional opportunities. After my internship, I was hired as a Hybrid Fiber Coaxial Network Administrator at Cisco.*

**Aaron Ray**  
MPC Graduate

Monterey Peninsula College (MPC) is a fully accredited California public community college. The college is known for the excellence of its academic programs and student support services.

### Campus Locations

Monterey  
Marina  
Seaside  
Online

### Website

[www.mpc.edu/csis](http://www.mpc.edu/csis)

### Contact Information

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**MONTEREY PENINSULA**  
College