

CPTC CAREER PATHWAYS Computer Networking & Information Systems Security

Career Cluster:

CAREER OPPORTUNITIES

Computer Networking & Information Systems Security

Prepares students for careers involving the protection of information on computers and networks against unauthorized access or modification of information, and against the denial of service to authorized users.

Includes those security measures, both physical and virtual, necessary to detect, document, and counter such threats. Curriculum content includes basic and advanced computer and networking skills, physical and virtual security processes and procedures, and introduction to security management, planning, and recovery.

STARTING CONSIDERATIONS

[Apply to Clover Park Technical College](#)

STARTING OPTIONS

- Still in high school [Dual credit courses](#)
- High School Diploma / Some College
 - [GED](#), [ESL](#), Adult Basic Skills (ABE)
 - 1st Career / 2nd Career
 - Seeking Professional Credentials
 - [Continuing Ed](#)

FOR MORE INFORMATION

Contact the Program Faculty:

- Kelly Hollowell
(253) 589-5824
Kelly.Hollowell@cptc.edu

ENTRY-LEVEL CERTIFICATE OPTION

Computer & Communications Security

- 2 quarter program
- Instructor approval required
- Washington State Patrol background check required

ENTRY-LEVEL CERTIFICATE OPTION

Cisco Network Design & Security

- 2 quarter program, [Dual Credit Articulations](#)
- Preparation for CCENT and CCNA certification exams

ENTRY-LEVEL CERTIFICATE OPTION

Computer Networking & Information System Security

- 4 quarter program, [Dual Credit Articulations](#)
- Preparation for A+, Network+, Server+, Security+, and Linux+ certification exams
- Washington State Patrol Background Check

COMPUTER NETWORKING & INFORMATION SYSTEMS SECURITY ASSOCIATE DEGREE

AAT & AAS-T

- 6-quarter program, [Dual Credit Articulation Agreement](#)
- National Security Agencies (NSA) certified training
- 3 Specialty Options - Prepares for multiple certification testing
- Minimum Compass score required

BACHELOR'S DEGREE IN COMPUTER SCIENCE

check with the receiving 4-year institution for transfer of credit

EMPLOYMENT AND WAGES

- [Network Systems/Data Communications Analyst](#)
- [Computer Systems Analyst](#)
- [Computer User Support Specialist](#)
- [Computer Network Support Specialist](#)
- [Information Security Analyst](#)
- [Network and Computer Systems Administrator](#)
- Entrepreneurship Opportunities

EMPLOYMENT AND WAGES

- [Computer & Information System Manager](#)
- [Computer Network Architect](#)
- Entrepreneurship Opportunities