

CAREER START

Cyber Security



Career Start
PIKES PEAK COMMUNITY COLLEGE

This one-year collegiate program provides students with practical and relevant skills in the field of computer networking and information technology. Cyber Security students achieve the necessary foundation to pursue industry certifications, and demonstrate knowledge of computer networking.

Career options include:

- Network Administrator
- Computer Systems Administrator
- Information Security Analyst
- Penetration Tester

Desirable skills and aptitudes:

- Basic networking knowledge
- Operating system basics
- Security principles
- Excellent communication and interpersonal skills

Students successfully completing college credit opportunities of this Career Start program will earn credit toward certificates and/or an Associates of Applied Science (AAS) degree at PPCC.

Associates of Applied Science Degree Cyber Security

15 of 60 required credits

Computer Networking

9 of 60 required credits

Certificate Opportunities

- **Cyber Security**
18 of 18 required credits
- **Network+**
15 of 27 required credits
- **Computer Support Technician**
9 of 19 required credits

COLLEGE CREDIT OPPORTUNITIES MAY INCLUDE:

YEAR 1

- CNG121 Computer Technician I (4)
- CIIS 263 PC Help Desk Skills (3)
- CSC 119 Introduction to Programming: Programming Language (3)
- CIS 223 Linux (3)
- CSC 217 Advanced Python Programming (3)
- CNG 260 Cisco Network Associate I (5)

YEAR 2

- CNG 261 CISCO Network Associate II (5)
- CNG 102 Introduction to Programming (3)
- CSC 129 Problem-Solving with (Language) (3)
- CNG 262 Cisco Network Associate III (4)
- CNG 132 Cyber Security (3)
- CNG 257 Network Defense & Counter Measures (3)

For more information on Career Start,
visit ppcc.edu/Career-Start,
or call 719.502.3111.

The courses listed may not be an all-inclusive list of college credit opportunities nor may all courses be offered each year.

Course descriptions, certificates, and degree options can be found in the PPCC Catalog. Students must meet course prerequisites. For more information, visit ppcc.edu.