

# Computer Networking (CNG)

Associate of Applied Science



## Is Computer Networking Right For You?

### Why a Computer Networking Degree?

- Are you a person who always wants to work with new technology?
- Do you like figuring out how technology works while solving puzzles?
- Are you a person who likes to think outside the box to find uses for technology in a field that promises new adventures every day? Do you enjoy tinkering with computers in your spare time?
- Do friends ask you to fix their computer problems & think of you as a “computer wizard?”

The Computer Networking Technology program provides students with the practical skills that employers are seeking in the fields of Computer Networking and Information Technology.

### Degree & Certificate Programs

In addition to offering an Associate of Arts Degree, we offer several certificates programs:

- Cisco Certified Network Associate (CCNA)
- Cyber Security
- Network +

**PikesPeak.edu/CNG**

### Future Career Prospects

A two-year Associate of Applied Science (AAS) in Computer Networking Technology will allow students to pursue Careers in:

- Network Administration
- Computer Systems Administration
- Network Analytics
- Network Planning
- Network Security Specialist
- Network Telecommunications

**For more career information, visit:**

[Colorado Department of Labor's - Labor Market O\\*Net's Computer Networking Support Specialist Job Report](#)

### Program Specifics

The AAS Computer Networking Technology Degree provides students with practical and relevant skills in the field of Computer Networking and Information Technology. After successfully completing this program, students will be able to demonstrate knowledge of:

- Computer Software
- Computer Hardware
- Network Operating Systems
- Networking Device Configuration
- Network Security

### Transfer Options

After earning your Computer Networking Technology degree from PPSC, you may complete your Bachelors in Computer Networking Technology by pursuing further studies at one of PPSC's transfer partners.

Top Transfer Institutions:

[Colorado State University-Pueblo - Computer Networking](#)

[Regis University - Computer Networking](#)

## Associate of Applied Science (AAS) Computer Networking

Semester 1 Course & Credit Hours	Semester 2 Course & Credit Hours
<b>CNG 1020</b> A+ Certification Preparation (4)	<b>CNG 1032</b> Network Security Fundamentals (3)
<b>CSC 1005</b> Computer Literacy (3) or <b>CIS 1018</b> Introduction to PC Applications (3)	<b>CNG 2060</b> CISCO Network I (5)
<b>CNG 1024</b> Networking I (3)	<b>CSC 1019</b> Introduction to Programming (Lang)(3) or <b>DAT 1001</b> Introduction to Data Science
<b>MAT 1340</b> College Algebra (4)	<b>CIS 2023</b> Linux (3)
<b>Total 14 Credit Hours</b>	<b>Total 14 Credit Hours</b>

Semester 3 Course & Credit Hours	Semester 4 Course & Credit Hours
<b>CNG 2061</b> CISCO Network 2 (5)	<b>CNG 2042</b> Cloud Computing (3)
<b>CNG 2012</b> Configuring Windows Server (4)	<b>CIS 2062</b> CISCO Network 3 (5)
<b>CNG 1042</b> Intro to Cloud Computing (3)	<b>ENG 1031</b> Technical Writing (3)
<b>SOC 2018</b> Sociology of Diversity (3)	<b>CNG 2057</b> Network Defense & Counter Measures (3)
	<b>COM 1150</b> Public Speaking (3)
<b>Total 15 Credit Hours</b>	<b>Total 17 Credit Hours</b>

**Talk to a program advisor today:**

**Networking Lead Faculty — Nate Wadman**

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