

# NETWORK SECURITY

## PROGRAM DESCRIPTION

Provide learners with a working knowledge in troubleshooting, customer service, networking, operating systems, system administration and security. Computer support specialists and network administrators help computer users and organizations. Some of these workers support computer networks by testing and evaluating network systems and ensuring that the day-to-day operations work. Others provide customer service by helping people with their computer problems.



[CTE STANDARDS](#)

[SCOPE & SEQUENCE](#)

[SYLLABUS](#)

[CERTIFICATE SHEET](#)

## JOB OUTLOOK

Employment in computer and information technology occupations is projected to grow 11 percent from 2019 to 2029, much faster than the average for all occupations. These occupations are projected to add about 531,200 new jobs. Demand for these workers will stem from greater emphasis on cloud computing, the collection and storage of big data, and information security.

## COST REQUIREMENTS

Upon Acceptance in to Program -

- AWC Tuition and books paid for by STEDY
- \$ 25.00 STEDY Enrollment fee



**STEDY**

[www. STEDYcte.org](http://www.STEDYcte.org)

**STEDY Office**

**928-366-5884**

**stedy@stedy01.org**

## STUDENTS REQUIREMENTS

- ◆ English with a "C" or better
- ◆ CTED district resident
- ◆ Enrolled in High School
- ◆ Minimum GPA of 2.0
- ◆ On track with credits/courses towards graduation
- ◆ History of good attendance
- ◆ Two Year Program commitment
- ◆ Transportation is the responsibility of the student; YCAT available at no cost

## Next Steps, College Majors!

(Click the logo to view)



## Network Security

Grade Level: 10, 11, 12      Class: In person, online  
 Location: AWC Campus      Times: Vary

Year	Semester	STEDY PROGRAM	College Course	College Credit Hours per Course	Total HS Credit per College Course	Total HS Credit per CTE Course
1	1 Fall	Network Security	CIS 175 Computer Security	3	0.5	0.5
1	2 Spring	Network Security	PIT 100 IT Support: Technical Support Fundamentals	2	0.5	0.5
			PIT 101 IT Support: Computer Networking	3		
2	1 Fall	Network Security II	PIT 102 IT Support: Operating Systems	3	0.5	0.5
			PIT 103 IT Support: System Admin.	2		
2	2 Spring	Network Security II	PIT 104 IT Support: IT Security and Google Certification	2	0.5	0.5
			PIT 130 Amazon Web Services Academy Cloud Foundations	2		
Total Credits				17	2	
				College	High School	

### Recommended High School courses:

- Algebra
- Physics
- Computers
- Foreign Language