

# PA Bureau of Career and Technical Education Program Of Study

## Search

[Search Criteria](#) [Search Criteria](#)

### If the following Program of Study is taken

#### Computer Systems Networking And Telecommunications 11.0901

High School Graduation Year: 2024

A program that focuses on the design, implementation and management of linked systems of computers, peripherals, and associated software to maximize efficiency and productivity, and that prepares individuals to function as network specialists and managers at various levels. Includes instruction in operating systems and applications; systems design and analysis; networking theory and solutions; types of networks; network management and control; network and flow optimization; security; configuring; and troubleshooting.

POS Paperwork: [POS student documentation coversheet.pdf](#)

### You may receive credit for

#### **Bucks County Community College**

[CISC 128 - Comparative Operating Systems](#)

4.00

[CISC 143 - Essentials of Networking](#)

4.00

[CISC 201 - Managing and Maintaining the PC](#)

4.00

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**Total Credits Awarded:** 12.00

**Notes:** Twelve (12) credits align to CIP 11.0901 Computer Networking Technology A.A.S., Associate Applied Science degree, and CIP 11.0901 Computer Networking Technology Certificate.

[View Detail](#)

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#### **Butler County Community College**

[COMP 101 - Computer Information Systems](#)

3.00

[COMP 215 - PC Management Techniques I](#)

4.00

[COMP 211 - Networking I](#)

3.00

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**Total Credits Awarded:** 10.00

**Notes:** Ten (10) credits are aligned to the following Butler County Community College POS 12E CIP 11.1001 CIS Networking and Cybersecurity, Associate of Applied Science (A.A.S.) Degree.

[View Detail](#)

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## **Community College of Allegheny County**

[CIT 120 - Networking Concepts](#)

3.00

[CIT 150 - Computer Configuration and Support](#)

3.00

[CIT 115 - Information Technology Fundamentals](#)

3.00

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**Total Credits Awarded:** 9.00

**Notes:** Nine (9) credits are aligned to the following Community College of Allegheny County POS: CIP 11.1006, Cybersecurity & IT Support Specialist (790), Associate of Science Degree, CIP 11.1003, Cybersecurity Support Specialist (791), Certificate, CIP 11.1003, Network Support Specialist (792), Certificate.

[View Detail](#)

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## **Community College of Beaver County**

[CISN 100 - CISCO I-Network Fundamentals](#)

5.00

[CISN 110 - CISCO II-Routing Protocols and Conc](#)

5.00

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**Total Credits Awarded:** 10.00

**Notes:** Ten credits are aligned to the following Community College of Beaver County POS: CIP 11.1001 Networking, Associate in Applied Science (A.A.S) Degree.

[View Detail](#)

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## **Community College of Philadelphia**

[CIS 150 - Network Technology](#)

4.00

[CIS 103 - Computer Apps & Concepts](#)

3.00

[CIS 105 - Computer Systems Maintenance](#)

4.00

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**Total Credits Awarded:** 11.00

**Notes:** Eleven (11) credits are aligned to the following Community College of Philadelphia POS: CIP 11.0101 Computer Information Systems - Information Technology, Associate in Applied Science (A.A.S.) Degree.

[View Detail](#)

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## **Community College of Philadelphia**

[CIS 150 - Network Technology](#)

4.00

[CIS 103 - Computer Apps & Concepts](#)

3.00

[CIS 105 - Computer Systems Maintenance](#)

4.00

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**Total Credits Awarded:** 11.00

**Notes:** Eleven (11) credits are aligned to the following Community College of Philadelphia POS: CIP 11.1001 Network Administration, Associate in Applied Science (A.A.S.) Degree.

[View Detail](#)

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**Delaware County Community College**

[NET 110 - Network Communications](#)

3.00

[CS 128 - PC Repair and Maintenance](#)

3.00

[CS 127 - Introduction to PC Support](#)

3.00

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**Total Credits Awarded:** 9.00

**Notes:** Nine (9) credits are aligned to the following Delaware County Community College POS: CIP 11.0901 Information technology, Network Engineering Associate in Applied Science (A.A.S.) Degree.

[View Detail](#)

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**Harrisburg Area Community College-Harrisburg**

[CNT 120 - Network Communications Technology I](#)

3.00

[CNT 140 - The Physical Network](#)

3.00

[ELEC 126 - Installing and Troubleshooting PCs](#)

4.00

[ELEC 125 - Introduction to PC Technology](#)

3.00

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**Total Credits Awarded:** 13.00

**Notes:** Thirteen (13) credits are aligned to the Harrisburg Area Community College POS: CIP 11.0901 Computer Networking Technology Certificate and Associates in Applied Science (A.A.S.) Degree.

[View Detail](#)

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**Harrisburg Area Community College-Harrisburg**

[CIS 128 - Client Administration](#)

3.00

[ELEC 126 - Installing and Troubleshooting PCs](#)

4.00

**ELEC 125 - Introduction to PC Technology**

3.00

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**Total Credits Awarded:** 10.00

**Notes:** Ten (10) credits are aligned to the following Harrisburg Area Community College POS: CIP 11.1006 Computer Information Systems, Support Specialist Track, Associate in Applied Science (A.A.S.) Degree.

[View Detail](#)

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**Johnson College**

CIT 183 - Network Architectures, Principles, and Protocols

2.00

CIT 186 - TCP/IP Network Design Configuration and Maintenance Lab 1

1.00

CIT 181 - Computer Hardware and Operating Systems

2.00

CIT 185 - TCP/IP Network Design Configuration and Maintenance

2.00

CIT 182 - Computer Hardware and Operating Systems Lab

2.00

CIT 184 - Network Architectures, Principles, and Protocols Lab

1.00

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**Total Credits Awarded:** 10.00

**Notes:** Ten (10) credits align to Johnson College's CIP 11.0901 - Computer Information Technology, AAS degree program.

[View Detail](#)

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**Luzerne County Community College**

CST 103 - PC Operating Systems Technology

3.00

CST 105 - Microcomputer Architecture & Multimedia Systems

3.00

CST 215 - Data Communications

3.00

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**Total Credits Awarded:** 9.00

**Notes:** Nine (9) credits are aligned to the following Luzerne County Community College POS: CIP 15.1202 Computer Systems & Security Technology, Associate in Applied Science (A.A.S.) Degree

[View Detail](#)

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**Northampton County Area Community College**

CISC 137 - Introduction to Networking Hardware

2.00

CISC 100 - Information Technology Fundamentals

4.00

[CISC 136 - PC Support and Troubleshooting](#)

4.00

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**Total Credits Awarded: 10.00**

**Notes:** Ten (10) credits are aligned to CIP 11.0901 Networking Systems Technology A.A.S. Associate Applied Science Degree.

[View Detail](#)

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### **Reading Area Community College**

[IFT 100 - Introduction to Information Technology](#)

3.00

[IFT 110 - Microcomputer Applications](#)

3.00

[WEB 100 - Web Design I - HTML](#)

3.00

[NET 100 - Computer Networking](#)

3.00

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**Total Credits Awarded: 12.00**

**Notes:** Twelve (12) credits are aligned to the following Reading Area Community College POS: CIP 11.0801 Web Site Development AAS.

Course pre-requisites don't apply to SOAR credits being brought in by articulation.

[View Detail](#)

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### **Reading Area Community College**

[IFT 100 - Introduction to Information Technology](#)

3.00

[WEB 100 - Web Design I - HTML](#)

3.00

[NET 100 - Computer Networking](#)

3.00

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**Total Credits Awarded: 9.00**

**Notes:** Nine (9) credits are aligned to the following Reading Area Community College POS: CIP 11.1003 Computer Information Systems AA.

Course pre-requisites don't apply to SOAR credits being brought in by articulation.

[View Detail](#)

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### **Thaddeus Stevens College of Technology**

[CNSA 117 - Analysis of TCP/IP and Local Area Networking](#)

3.00

[CNSA 111 - Introduction to Networking](#)

3.00

[CNSA 107 - PC Hardware and Support Fundamentals](#)

3.00

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**Total Credits Awarded:** 9.00

**Notes:** Nine (9) credits are aligned to the following Thaddeus Stevens College of Technology POS: CIP 11.9999 Computer and Network Systems Administration, Associate in Applied Science Degree (A.A.S).

[View Detail](#)

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## **Westmoreland County Community College**

[CPT 248 - PC HARDWARE](#)

3.00

[CPT 145 - INTRODUCTION TO COMPUTER TECHNOLOGY](#)

3.00

[CPT 182 - OPERATING SYSTEMS](#)

3.00

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**Total Credits Awarded:** 9.00

**Notes:** Nine (9) credits are aligned to Westmoreland County Community College Programs of Study CIP 11.0901 Computer Technology, Networking, Associate of Applied Science (AAS) Degree Program and CIP 11.1006 Computer Technology, Technical Support, Associate of Applied Science (AAS) Degree Program.

[View Detail](#)