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## Instructions

The search below is for users to see how PA Bureau of Career and Technical Education SOAR Programs of Study taken at the High School level may transfer into participating postsecondary institutions and technical centers. Please select a Program of Study and Graduation year.

Once a search is completed, the results will display the postsecondary institutions and technical centers that will award credit based on meeting all of the Program of Study requirements. Users can select **View Detail** to see more information about the articulation.

Need help? Check out the [Guide to Searching SOAR Agreements](#).

Need help understanding an equivalency? [Click here for an equivalency guide](#).

[Programs of Study \(POS\) Student Documentation Coversheet](#)

## PA Bureau of Career and Technical Education Program Of Study Search

### ▼ Search Criteria

#### Step 1: Select a Program Of Study \*

Order By: ☒ Title ☐ CIP Code

Computer Systems Networking And Telecommunications 11.0901

#### Step 2: Select Your Graduation Year \*

2026

Search

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### If the following Program of Study is taken

#### Computer Systems Networking And Telecommunications

High School Graduation Year: 2026

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; system design and analysis; networking theory and solutions; types of networks; network management and control; network and flow optimization; security; configuring; and troubleshooting.

**POS Paperwork:** [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: 12 (Twelve) credits are aligned to CIP 11.0901 Computer Network Technology Associate of Applied Science (AAS) degree and 11.0901 Computer Network Technology Certificate.

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**Butler County Community College**

|                                                       |       |
|-------------------------------------------------------|-------|
| <b><u>COMP 101 - Computer Information Systems</u></b> | 3.00  |
| <b><u>COMP 211 - Networking I</u></b>                 | 3.00  |
| <b><u>COMP 215 - PC Management Techniques I</u></b>   | 4.00  |
| =====                                                 |       |
| <b>Total Credits Awarded:</b>                         | 10.00 |

Notes: Ten (10) credits are aligned to the following Butler County Community College POS: CIP 11.0901, CIS Networking and Cybersecurity Associate of Applied Science (A.A.S) degree

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**Community College of Allegheny County**

|                                                             |      |
|-------------------------------------------------------------|------|
| <b><u>CIT 120 - Networking Concepts</u></b>                 | 3.00 |
| <b><u>CIT 115 - Information Technology Fundamentals</u></b> | 3.00 |
| <b><u>CIT 150 - Computer Configuration and Support</u></b>  | 3.00 |
| =====                                                       |      |
| <b>Total Credits Awarded:</b>                               | 9.00 |

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

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**Community College of Beaver County**

|                                                              |       |
|--------------------------------------------------------------|-------|
| <b><u>CISN 100 - CISCO I-Network Fundamentals</u></b>        | 5.00  |
| <b><u>CISN 110 - CISCO II-Routing Protocols and Conc</u></b> | 5.00  |
| =====                                                        |       |
| <b>Total Credits Awarded:</b>                                | 10.00 |

Notes: Aligns 10 credits to CIP 11.1003 Cybersecurity AAS degree.

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**Community College of Philadelphia**

|                                                      |       |
|------------------------------------------------------|-------|
| <b><u>CIS 103 - Intro to Info Technology</u></b>     | 3.00  |
| <b><u>CIS 105 - Computer Systems Maintenance</u></b> | 4.00  |
| <b><u>CIS 150 - Network Technology</u></b>           | 4.00  |
| =====                                                |       |
| <b>Total Credits Awarded:</b>                        | 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.

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**Community College of Philadelphia**

|                                                      |              |
|------------------------------------------------------|--------------|
| <u><b>CIS 103 - Intro to Info Technology</b></u>     | 3.00         |
| <u><b>CIS 105 - Computer Systems Maintenance</b></u> | 4.00         |
| <u><b>CIS 150 - Network Technology</b></u>           | 4.00         |
| =====                                                |              |
| <b>Total Credits Awarded:</b>                        | <b>11.00</b> |

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.

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### **Delaware County Community College**

|                                                   |             |
|---------------------------------------------------|-------------|
| <u><b>NET 110 - Network Communications</b></u>    | 3.00        |
| <u><b>CS 127 - Introduction to PC Support</b></u> | 3.00        |
| <u><b>CS 128 - PC Repair and Maintenance</b></u>  | 3.00        |
| =====                                             |             |
| <b>Total Credits Awarded:</b>                     | <b>9.00</b> |

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.

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### **Harrisburg Area Community College-Harrisburg**

|                                                             |              |
|-------------------------------------------------------------|--------------|
| <u><b>CNT 140 - The Physical Network</b></u>                | 3.00         |
| <u><b>CNT 120 - Network Communications Technology I</b></u> | 3.00         |
| <u><b>CIS 126 - Computer Hardware</b></u>                   | 4.00         |
| <u><b>CIS 131 - Operating Systems</b></u>                   | 3.00         |
| =====                                                       |              |
| <b>Total Credits Awarded:</b>                               | <b>13.00</b> |

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.

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### **Johnson College**

|                                                                                   |              |
|-----------------------------------------------------------------------------------|--------------|
| <u><b>CIT 181 - Computer Hardware and Operating Systems</b></u>                   | 2.00         |
| <u><b>CIT 182 - Computer Hardware and Operating Systems Lab</b></u>               | 2.00         |
| <u><b>CIT 183 - Network Architectures, Principles, and Protocols</b></u>          | 2.00         |
| <u><b>CIT 184 - Network Architectures, Principles, and Protocols Lab</b></u>      | 1.00         |
| <u><b>CIT 185 - TCP/IP Network Design Configuration and Maintenance</b></u>       | 2.00         |
| <u><b>CIT 186 - TCP/IP Network Design Configuration and Maintenance Lab 1</b></u> | 1.00         |
| =====                                                                             |              |
| <b>Total Credits Awarded:</b>                                                     | <b>10.00</b> |

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

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### **Luzerne County Community College**

|                                                                             |             |
|-----------------------------------------------------------------------------|-------------|
| <u><b>CST 103 - PC Operating Systems Technology</b></u>                     | 3.00        |
| <u><b>CST 105 - Microcomputer Architecture &amp; Multimedia Systems</b></u> | 3.00        |
| <u><b>CST 115 - Data Communications Infrastructures</b></u>                 | 3.00        |
| =====                                                                       |             |
| <b>Total Credits Awarded:</b>                                               | <b>9.00</b> |

Notes: One (1) credit is aligned to the following Luzerne County Community College POS: CIP 15.1202 Cyber Security & Networking, A.A.S.

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### **Northampton County Area Community College**

|                                                              |      |
|--------------------------------------------------------------|------|
| <b><u>CISC 100 - Information Technology Fundamentals</u></b> | 4.00 |
| <b><u>CISC 136 - PC Support and Troubleshooting</u></b>      | 4.00 |
| <b><u>CISC 137 - Introduction to Networking Hardware</u></b> | 4.00 |

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**Total Credits Awarded:** 12.00

Notes: Twelve (12) credits aligned to CIP 11.0901 Networking & System Administration, Associate of Applied Science.

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

|                                                                       |      |
|-----------------------------------------------------------------------|------|
| <b><u>CNSA 117 - Analysis of TCP/IP and Local Area Networking</u></b> | 3.00 |
| <b><u>CNSA 107 - PC Hardware and Support Fundamentals</u></b>         | 3.00 |
| <b><u>CNSA 111 - Introduction to Networking</u></b>                   | 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 11.0901 Computer and Network Systems Administration Associate of Applied Science Degree

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### **Westmoreland County Community College**

|                                                             |      |
|-------------------------------------------------------------|------|
| <b><u>CPT 248 - PC Hardware</u></b>                         | 3.00 |
| <b><u>CPT 145 - Introduction to Computer Technology</u></b> | 3.00 |
| <b><u>CPT 182 - Operating Systems</u></b>                   | 3.00 |

=====

**Total Credits Awarded:** 9.00

Notes: Nine (9) credits align to CIP 11.0901 Computer Technology, Networking Associate of Applied Science (AAS) degree program or CIP 11.1006 Computer Technology, Technical Support Associate of Applied Science (AAS) degree program.

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