

## Certificate of Achievement: Network Technology

The Network Technology Program will prepare students for an entry-level position in an IT related industry with emphasis in either systems administration or network administration. The associate degree is designed to provide entry level job skills and is transferable to four-year colleges or universities. Emphasis is placed on hands-on labs and case studies designed to apply principles and develop troubleshooting skills. Students can prepare for industry certifications from industries and organizations such as BICSI, Cisco, CompTIA, or Microsoft.

Degree and Certificate Student Learning Outcome:

Students will be able to design, implement, troubleshoot and maintain networking systems.

Program Requirements:

Units Required: 30

|            |  | Units: |
|------------|--|--------|
| ESYST-101  | Basic Electronics                                      | 3.0    |
| ESYST-131  | IoT – Python Programming                               | 3.0    |
| NETECH-103 | Network Cabling Infrastructure                         | 3.0    |
| NETECH-111 | Computer Maintenance: A+ Certification Prep            | 3.0    |
| NETECH-113 | Data Center  | 3.0    |
| NETECH-151 | CCNA: Introduction to Networks                         | 3.0    |
| NETECH-152 | CCNA-2: Switching, Routing and Wirelss Essentials      | 3.0    |
| NETECH-153 | CCNA-3: Enterprise Networking, Security and Automation | 3.0    |
| NETECH-219 | Security+ Certification                                | 3.0    |

Plus three units form the following:

|            |                           |     |
|------------|---------------------------|-----|
| NETECH-142 | MCSA: Windows Server OS   | 3.0 |
| OR         |                           |     |
| NETECH-211 | Linux+ Certification Prep | 3.0 |