# PC SUPPORT AND NETWORK MANAGEMENT, CERTIFICATE OF ACHIEVEMENT (C)

This Certificate program provides training in preparation for immediate employment in a variety of information systems positions in business, government and industrial settings. It provides skills needed for career entry and/or advancement in such positions as business applications specialist, PC network support technician and information systems/database specialist.

## Requirements

**Certificate of Achievement Requirements**

Complete all Department Requirements for the Certificate of Achievement with a cumulative grade point average (GPA) of 2.0 or better.  Candidates for a Certificate of Achievement are required to complete at least 20% of the department requirements through SBCC.

| Code | Title | Units |
| --- | --- | --- |
| **Department Requirements** | | |
| CIS 101 | Introduction to Computers and Information Systems | 4 |
| CIS 111 | Computer User Support | 2 |
| CIS 112 | Help Desk Concepts | 2 |
| CIS 114 | Virtualization Concepts | 2-3 |
| or CIS 115 | Cloud Computing Essentials | |
| or CIS 116 | Cloud Implementation | |
| CIS 200 | Windows PowerShell | 2 |
| CIS 201 | UNIX/LINUX System Administration | 3-4 |
| or CIS 219 | VMware vSphere System Administration | |
| or CIS 228 | Apple macOS System Administration | |
| CIS 206 | MS Windows Server System Administration | 4 |
| CIS 218 | MS Windows Desktop System Administration | 4 |
| CNEE 102 | A+ Computers and Network Support | 4 |
| CNEE 110 | Networking Essentials | 4 |
| COMP 101 | Introduction to Computer Applications | 4 |
| **Total Units** | | **35.00-37.00** |

**Optional:**

| Code | Title | Units |
| --- | --- | --- |
| CIS 290 | Work Experience In Computer Information Systems | 1-4 |

## Learning Outcomes

1. Design, select and implement essential software, hardware and networking components to satisfy user needs in a business environment.
2. Install and administer desktop and server operating systems.
3. Communicate effectively with users to diagnose and resolve computer-related problems.

## Recommended Sequence

Make an appointment with your SBCC academic counselor through Starfish to create a Student Education Plan that reflects a recommended course sequence for this program that is tailored to your individual needs.

How to schedule an Academic Counseling appointment (https://www.sbcc.edu/counselingcenter/counselingappointments.php).