COMPUTER INFORMATION SYSTEMS, ASSOCIATE OF SCIENCE DEGREE (AS): EMPHASIS IN SYSTEM ADMINISTRATION

Overview

Computer Information Systems (CIS) provides students with a broad background in the application of computers to the emerging needs of business and industry. CIS courses prepare students for entry-level positions in computer programming, systems analysis, computer operations and network management, information systems management, and sales and technical information positions.

Requirements

Associate Degree Graduation Requirements

Complete all of the following:

1. All Department Requirements listed below with a "C" or better or "P" in each course (at least 20% of the department requirements must be completed through SBCC).
2. A minimum of 18 units of SBCC (https://catalog.sbcc.edu/archive/2022-2023/degrees-certificates-awards/#associatedegreestext) General Education Requirements (Areas A-D) and Institutional Requirements (Area E) and Information Competency Requirement (Area F)
3. A total of 60 degree-applicable units (SBCC courses numbered 100 and higher).
4. Maintain a cumulative GPA of 2.0 or better in all units attempted at SBCC.
5. Maintain a cumulative GPA of 2.0 or better in all college units attempted.
6. A total of 12 units through SBCC.

Code	Title	Units
Department Requirements		
CIS 101	Introduction to Computers and Information Systems	4
CIS 114	Virtualization Concepts	2
CIS/ENG 181	Technical And Professional Writing	3
CIS 200	Windows PowerShell	2
CIS 201	UNIX/LINUX System Administration	4
or CIS 206	MS Windows Server System Administration	
CIS 218	MS Windows Desktop System Administration	4
CIS 245	IT Project Management	4
CNEE 110	Networking Essentials	4
COMP 101	Introduction to Computer Applications	4
Total Units		**31.00**

Learning Outcomes

1. Describe the role of and explains the value of operating systems, network technologies and system administration in IT.
2. Participate on an IT team at multiple levels, from help desk specialist, to system administrator, to project leader on system implementation.
3. Select and implement appropriate operating system and network technologies for an organization or business enterprise.

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).