

CLOUD COMPUTING ARCHITECT, CERTIFICATE OF ACHIEVEMENT (C)

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

Overview

This Certificate program provides training in preparation for immediate employment in business, government and industrial organizations utilizing cloud computing services. It provides skills needed for career entry and/or advancement in such positions as cloud computing specialist, cloud architect and cloud engineer.

The Cloud Computing Architect Certificate is designed to prepare students for an entry-level position supporting organizations using cloud computing services in the field of information technology. Program completers will be able to obtain positions in any organization, including IT service organizations.

Requirements

Certificate of Achievement Requirements

Complete all department requirements for the certificate with a C or better or "pass" in each course. 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 114	Virtualization Concepts	2
CIS 115	Cloud Computing Essentials	2
CIS 116	Cloud Implementation	3
CIS 201	UNIX/LINUX System Administration	4
or CIS 206	MS Windows Server System Administration	
CIS 245	IT Project Management	4
CNEE 110	Networking Essentials	4
Complete two courses from the following:		5-6
CIS 222	MS Azure Cloud Administration	
CIS 264	AWS Cloud Computing Architecture	
CIS 265	Google Cloud Computing Architecture	
Total Units		28.00-29.00

Learning Outcomes

1. Design, select and implement essential cloud computing components to satisfy user needs in a business environment.
2. Deploy and administer cloud computing services.
3. Communicate effectively with users to diagnose and resolve cloud-related issues.

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.