

CA Cloud Computing

The Certificate of Achievement offers students the opportunity to study cloud computing principles and theories that focus on programming, database management, security, and other essentials. In this program, students learn cloud computing, database, and design principles. Graduates can find employment in federal or local government, military service, and private sector.

Career Opportunities

Cloud Architect: Associate Cloud Architect, Cloud Technical Account Manager, Cloud Service Delivery Manager and Cloud Application Architect/Developer. Operations/Support Engineering: Network Operations Engineer, Help Desk Technician, Cloud Support Associate, Cloud Infrastructure Engineer, Quality Assurance Team Lead, Network Technician, Cloud Support Engineer and Systems Engineer

Program Learning Outcomes

Students completing this program will be able to:

1. Apply knowledge of math, science and computer science to identify, formulate and solve computer science problems.
2. Communicate effectively and work well in situations that require teamwork.
3. Design and perform tests, analyze and interpret data and prepare a report summarizing the results of the tests.
4. Develop a design or system given a set of requirements and specifications.
5. Use techniques, skills and computer tools necessary for computer science practice.

Major: Core and Selective Requirements

Complete Core Courses, 15 units		Units
CIS 284	Introduction to Object Oriented Programming- Java	3 units
CIS 295	Introduction to Cloud Computing	3 units
CIS 296	Database Essentials in the Cloud	3 units
CIS 297	Amazon Web Services (AWS) and Cloud Compute Engines	3 units
CIS 298	Amazon Web Services (AWS) and Cloud Security	3 units

