

Innovate new IT systems

CLOUD PRACTITIONER CERTIFICATE OF ACHIEVEMENT



Program Learning Outcomes

Upon completion of the program, students will be able to use AWS services specifically: networking, databases, file servers, and security. Design an application in an infrastructure that is scalable, pay as you go, with high availability, high reliability and in a secure environment.

- CIS 192** Introduction to Cloud Computing
- CIS 193** Database Essentials in Amazon Web Services
- CIS 194** Compute Engines in Amazon Web Services
- CIS 195** Security in Amazon Web Services

Corequisite:

Co Sci 401 Introduction to Computers and Their Uses

Advisory:

Co Sci 434 Introduction to Oracle: SQL

Electives:

- CIS 119** Programming in Python
- Co Sci 462** Programming in JavaScript
- Co Sci 453** A+ Certification Preparation
- Co Sci 487** Network+ Certification Preparation
- Co Sci 407** Introduction to Programming Logic and Design

Total Units: 18

Cloud
Computing
Basics

Serverless
Computing

Databases –
SQL/No SQL

AI Machine
Learning

Alexa Skills

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