

# AMAZON WEB SERVICES (AWS) CLOUD COMPUTING CERTIFICATE OF ACHIEVEMENT

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AWS Academy Cloud Foundations is intended for students who seek an overall understanding of cloud computing concepts, independent of specific technical roles. It provides a detailed overview of cloud concepts, AWS core services, security, architecture, pricing, and support.

Code	Title	Units
<b>Required Courses:</b>		
CIT 103	Amazon Web Services (AWS) Academy: Cloud Foundations	4
CIT 104	Amazon Web Services (AWS) Academy: Introduction to the Cloud	4
CIT 091	Introduction to Networks (CCNA - Cisco Networking Academy)	3
CIT 092	Switching, Routing, and Wireless Essentials CCNA (Cisco Networking Academy)	3
CS 102	Introduction to Python Programming	3
CIT 128	Introduction to Linux OS	3
CS 150	Web Programming with PHP	4
CS 215	Programming with Java	4
<b>Total Units</b>		<b>28</b>

*Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.*

*This is a Gainful Employment Program*

## Program Learning Outcomes

At the completion of this program, students will be able to:

- Develop skills to design infrastructure as a service (IaaS) solutions by provisioning computing, establishing virtual private networks, managing databases and storage within a secure online platform.
- Analyze performance metrics of a cloud environment to respond to information and computer technology workloads and economically optimize services.
- Collaborate in a team designing business solutions working on various projects.
- Employ best security practices within the AWS environment.