

Title of Course: Academy Cloud Foundations (ACF)**SKU:** ILT-AC-100-ACCLFO-10-EN, DIG-AC-100-ACCLFO-10-EN**Description**

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.

Intended Audience

This introductory (Level 100) course is intended for AWS Academy member institutions.

Prerequisites

This is an entry-level course, but it assumes the following:

- General IT technical knowledge
- General IT business knowledge

Delivery Method

This course is delivered through a mix of:

- Instructor-Led Training (ILT)
- Videos
- LMS-hosted content
- Assessments
- Hands-On Labs

Hands-On Activity

This course allows you to test new skills and apply knowledge to your working environment through a variety of practical exercises.

Duration

20 Hours

Minimum Delivery Duration

2 weeks

Course Outline

Module 1: Cloud Concepts

- What is Cloud Computing?
- Introduction to Cloud Economics
- AWS Global Infrastructure Overview

Module 2: AWS Core Services

- Core Service Introduction
- Compute Services
- Storage Services
- Amazon VPC
- Database Services

Module 3: AWS Security

- AWS Shared Responsibility Model
- AWS Access Identity and Access Management (IAM)
- AWS Trusted Advisor
- AWS CloudTrail
- AWS Config
- AWS Day One Best Practice Review
- AWS Security and Compliance Programs
- AWS Security Resources

Module 4: AWS Architecting

- Introduction to the Well-Architected Framework
- Well-Architected Design Principles
- Understanding Reliability and High Availability

Module 5: Cloud Support

- Overview of AWS Technical Support Plans and Costs