

**AWS Cloud for Finance Professionals**

**Course Number:** AWS-164  
**Duration:** 2 days

**Overview**

This AWS Cloud for Finance Professionals training course teaches attendees how to use Amazon Web Services (AWS) to adopt the cloud in a fiscally responsible manner by managing, optimizing, and planning cloud spend. Attendees learn how to influence their organization’s builders to be more accountable and cost-conscious. Finally, attendees learn how to use AWS to innovate in their finance organization.

Accelebrate is an AWS Training Partner (ATP) and this hands-on official AWS Classroom Training course is taught by an accredited Amazon Authorized Instructor (AAI).

**Prerequisites**

It is recommended that students complete [AWS Cloud Practitioner Essentials](file:////training/aws-cloud-practitioner-essentials) and [AWS Cloud Essentials for Business Leaders](file:////training/aws-business-leaders) classroom training.

**Materials**

All AWS training students receive comprehensive courseware.

**Software Needed on Each Student PC**

A modern web browser and an Internet connection that allows connections by SSH or Remote Desktop (RDP) into AWS virtual machines.

**Objectives**

* Define cloud business value
* Estimate costs associated with current and future cloud workloads
* Use tools to report, monitor, allocate, optimize, and plan AWS spend
* Optimize cloud spending and usage through pricing models
* Establish best practices with Cloud Financial Management (CFM) and Cloud Financial Operations (Cloud FinOps)
* Implement financial governance and controls
* Drive finance organization innovation

**Outline**

* Introduction
  + Cloud spending decisions
  + AWS pricing
  + Cost drivers
  + AWS Well-Architected Framework
  + AWS Cloud Value Framework
  + Cloud value metrics
  + Cloud Financial Management
  + Cloud Financial Management outcomes
* Planning and Forecasting
  + Estimate cloud workload costs
  + Build and refine a cost estimate
  + Budget and forecast cloud costs
  + Improve cloud financial predictability
* Measurement and Accountability
  + KPIs and unit metrics
  + Cost visibility and monitoring
  + Tools for cost visibility, tools for cost monitoring
  + Cost allocation and accountability
  + Cost allocation building blocks
* Cost Optimization
  + Usage optimizations
  + Commitment-based purchase options
  + Cost optimization
* Cloud Financial Operations
  + Organizational change for CFM
  + Organization models for CFM
  + Organizational models
  + Establish a cost-aware organizational culture
  + Governance, control, and agility
  + AWS governance and control building blocks
  + Automated-based governance using AWS services
* Financial Transformation and Innovation
  + Keys to financial innovation
  + Financial transformation
  + Solutions for financial innovation
* Conclusion
  + Module resources
  + Next steps