

**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