AWS Classroom Training courses

AWS training and certification

AWS Classroom Training is designed at the source by the experts at AWS to empower learners at all levels.

Your team will benefit from our first-hand knowledge of how customers build on the AWS Cloud. Our teams, who work every day with customers, know intimately what they experience and help convert specific scenarios into broadly applicable training solutions. AWS instructors lead immersive, hands-on classes that equip your team with skills to innovate with confidence and deliver results for your organization.

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LEVEL	COURSE TITLE	DESCRIPTION	DURATION
Fundamental	AWS Cloud Essentials for Business Leaders	Understand how a business uses cloud technology to realize business value and how a cloud strategy can help your team meet business objectives.	4 hours
Fundamental	AWS Cloud Essentials for Business Leaders – Financial Services	Understand how a business in the financial services industry uses cloud technology to realize business value and how a cloud strategy can help your team meet business objectives.	4 hours
Fundamental	AWS Cloud for Finance Professionals	Gain the foundational knowledge that you need to manage, optimize and plan your cloud spend, and influence your organization's builders to be more accountable and cost-conscious.	2 days
Fundamental	AWS Cloud Practitioner Essentials	The fundamental-level, full-day course is intended for individuals who seek an overall understanding of the AWS Cloud, independent of specific technical roles. It provides a detailed overview of cloud concepts, AWS services, security, architecture, pricing, and support.	1 day
Fundamental	AWS Migration Essentials	Learn to plan and perform lift and shift migrations to the AWS Cloud. This course will help you learn the methodologies for discovering, planning, performing, and tracking migrations by using various AWS tools and services.	1 day
Fundamental	AWS Security Essentials	Learn about fundamental AWS Cloud security concepts, including AWS access control, data encryption methods, and how network access to your AWS infrastructure can be secured.	1 day
Fundamental	AWS Technical Essentials	Learn fundamentals to become more proficient in identifying AWS services so that you can make informed decisions about IT solutions based on your business requirements and get started working on AWS.	1 day
Intermediate	Administering and Configuring Amazon Connect *(Authored and delivered by Sunset Learning)*	Learn to implement Amazon Connect as a cloud-native Contact Center by setting up accounts, navigating the Amazon Connect Dashboard, configuring basic Contact Flows to establish the customer experience, and performing day-to-day operational tasks.	4 days
Intermediate	Architecting on AWS	Learn how to identify services and features to build resilient, secure and highly available IT solutions in the AWS Cloud. Gain an understanding of the use of tools and best practices necessary to help you think through the process of architecting optimal IT solutions in the AWS Cloud.	3 days

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Intermediate	AWS Cloud Financial Management for Builders	Learn how to implement architectural best practices and explore cost optimization strategies and design patterns to help you architect cost-efficient solutions on AWS.	3 days
Intermediate	AWS Security Best Practices	Learn to design and implement solutions to keep your workloads safe and secure. Dive deep into configuration best practices for specific tools to secure your network infrastructure, harden your compute resources, and quicken your response to suspicious events.	1 day
Intermediate	AWS Security Governance at Scale	Learn to retire manual processes through AWS security and governance services and concepts.	1 day
Intermediate	AWS Well-Architected Best Practices	Learn how to use the Well-Architected Review process, and the AWS Well-Architected Tool to conduct reviews to identify high risk issues (HRIs).	1 day
Intermediate	Building Batch Data Analytics Solutions on AWS	learn how to build batch data analytics solutions using Amazon EMR to optimize cost and performance.	1 day
Intermediate	Building Data Analytics Solutions using Amazon Redshift	learn how to integrate Amazon Redshift with a data lake to support analytics and machine learning workloads to reduce your time to data insight by building a data analytics solution using Amazon Redshift.	1 day
Intermediate	Building Data Lakes on AWS	Learn to build scalable and secure data lakes with AWS Lake Formation while learning how to optimize for cost and performance.	1 day
Intermediate	Building Streaming Data Analytics Solutions on AWS	This course covers how to scale streaming applications using Amazon Kinesis, optimize data storage, how to select and deploy appropriate options to ingest, transform, store, and analyze data, and more.	1 day
Intermediate	Data Warehousing on AWS	Learn concepts, strategies, and best practices for designing a cloud-based data warehousing solution using Amazon Redshift.	3 days
Intermediate	Developing on AWS	Learn how to use the AWS SDK to develop secure and scalable cloud applications.	3 days
Intermediate	Developing Serverless Solutions on AWS	Learn AWS Serverless Frameworks and how to build, secure, deploy, and manage modern serverless applications.	3 days
Intermediate	DevOps Engineering on AWS	Learn the most common DevOps patterns to develop, deploy, and maintain applications on the AWS platform.	3 days
Intermediate	The Machine Learning Pipeline on AWS	Learn to build, train, evaluate, tune, and deploy an ML model using Amazon SageMaker to solve a business problem in a project-based learning environment.	4 days
Intermediate	Migrating to AWS	Learn cloud migration strategies with a detailed discussion on each phase of the process.	3 days

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Intermediate	MLOps Engineering on AWS	Bring DevOps practices into machine learning to productionize ML models using repeatable and reliable workflows with MLOps Engineering on AWS.	3 days
Intermediate	Networking Essentials for Cloud Applications on AWS	Learn to design a networking infrastructure and configure networking services for a highly available, resilient, and scalable application. Learn to design, configure, and optimize network infrastructure on AWS.	1 day
Intermediate	Planning and Designing Databases on AWS	Learn how to identify and design the most suitable AWS database solutions to save time and cost, improve performance and scale, and accelerate innovations.	3 days
Intermediate	Practical Data Science with Amazon SageMaker	Learn how to solve a real-world use case with machine learning (ML) and produce actionable results using Amazon SageMaker.	1 day
Intermediate	Running Containers on Amazon Elastic Kubernetes Service (Amazon EKS)	Learn container management and orchestration for Kubernetes using Amazon EKS.	3 days
Intermediate	Security Engineering on AWS	Learn how to efficiently use AWS security services to stay secure in the AWS Cloud.	3 days
Intermediate	Cloud Operations on AWS	Learn how to create automatable and repeatable deployments of networks and systems on the AWS platform.	3 days
Intermediate	Video Streaming Essentials for AWS Media Services	Learn best practices for designing and using cloud-based video workflows in the AWS Cloud. The course covers video processing and delivery concepts, the variables that can impact migration decisions, and real-world examples of hybrid and cloud use cases for AWS Media Services.	2 days
Advanced	Advanced Architecting on AWS	Building on *Architecting on AWS*, learn how to build complex solutions which incorporate data services, governance, and security on AWS.	3 days
Advanced	Advanced AWS Well-Architected Best Practices	Learn how to identify and prevent major risks to your architecture. The course will provide learners with a consistent approach to perform Well-Architected Reviews and use the AWS Well-Architected Tool to assess a workload.	1 day
Advanced	Advanced Developing on AWS	Learn how to take a legacy, on premise monolithic application and refactoring it into a serverless microservices architecture.	3 days
Advanced	Amazon SageMaker Studio for Data Scientists	For experienced Data Scientists. Learn to boost productivity at every step of the ML lifecycle and accelerate your time to build, train, and deploy ML models with Amazon SageMaker Studio.	3 days
Advanced	Authoring Visual Analytics Using Amazon QuickSight	Learn to leverage Amazon QuickSight by understanding how to connect to multiple data sources and author data visualizations and dashboards, to allow end-users to make better data-driven decisions.	2 days

AWS Classroom Training courses

AWS Classroom Training offers optional AWS Jam events to put your AWS Cloud skills to the test.

AWS Jam is a gamified event with teams competing to win by completing a series of hands-on challenges on the AWS platform over the course of a day. Participants develop, enhance, and validate team skillsets in the AWS Cloud through real-world problem solving. Each AWS Jam takes place in a pre-created AWS infrastructure that is based on common use cases that participants use to determine what happened, how to best respond, and how to deploy appropriate solutions. Select from a four-day class that includes an AWS Jam or a one-day AWS Jam you can schedule any time.

Classroom training with AWS Jam events		
COURSE TITLE	**DESCRIPTION**	**DURATION**
Advanced Architecting on AWS with AWS Jam	Learn how to take a legacy, on premise monolithic application and refactoring it into a serverless microservices architecture.	4 days (3-day training + 1 day Jam)
Advanced Developing on AWS with AWS Jam	Learn how to take a legacy, on premise monolithic application and refactoring it into a serverless microservices architecture.	4 days (3-day training + 1 day Jam)
Architecting on AWS with AWS Jam	Learn how to identify services and features to build resilient, secure and highly available IT solutions in the AWS Cloud. Gain an understanding of the use of tools and best practices necessary to help you think through the process of architecting optimal IT solutions in the AWS Cloud.	4 days (3-day training + 1 day Jam)
DevOps Engineering on AWS with AWS Jam	Learn the most common DevOps patterns to develop, deploy, and maintain applications on the AWS platform.	4 days (3-day training + 1 day Jam)
Developing on AWS with AWS Jam	Learn how to use the AWS SDK to develop secure and scalable cloud applications.	4 days (3-day training + 1 day Jam)
Security Engineering on AWS with AWS Jam	Learn how to efficiently use AWS security services to stay secure in the AWS Cloud.	4 days (3-day training + 1 day Jam)
Cloud Operations on AWS with AWS Jam	Learn how to create automatable and repeatable deployments of networks and systems on the AWS platform.	4 days (3-day training + 1 day Jam)
One Day AWS Jam	Develop your team's skills with a one-day, standalone AWS Jam featuring gamified challenges facilitated by an AWS instructor.	1 day