## Course Roadmap

AWS Cloud Technical Essentials is a fundamental-level course and will build your competence, confidence, and credibility with practical cloud skills that help you innovate and advance your professional future. Enroll in AWS Cloud Technical Essentials and start learning the technical fundamentals of AWS today!

MODULE

01

AWS Overview and Security

AWS global infrastructure

AWS Identity and Access Management (IAM) best practices

AWS account root user best practices

**AWS APIs** 

AWS shared responsibility model

MODULE

Compute and Networking

Compute as a service

Amazon Elastic Compute Cloud (Amazon EC2)

Amazon EC2 instance lifecycle

AWS Lambda

Amazon Virtual Private Cloud (Amazon VPC)

Security groups

Network access control lists

Route tables

AWS Fargate

Internet gateways

Hybrid connectivity

MODULE

Storage and Databases on AWS

Amazon Simple Storage Service (Amazon S3)

Amazon Elastic File System (Amazon EFS)

Amazon Elastic Block Store (Amazon EBS)

Amazon Relational Database Service (Amazon RDS)

Amazon DynamoDB

 $\bigcap_{}^{\mathsf{MODULE}}$ 

Monitoring and Optimization

Monitoring

Elastic Load Balancing (ELB)

Amazon EC2 Auto Scaling groups

Amazon CloudWatch

Amazon CloudWatch alarms

High availability