

[Collapse All](#)

▼ **Introduction**



Pre-Course Survey



Trends in Cloud Computing



Course Introduction Video



Student Guide



How to complete lab exercises



Course Support



General Discussion

▼ **Module 1 - Cloud Concepts Overview**



Introduction Video



Section 1 Video - Introduction to cloud computing



Section 2 Video - Advantages of the Cloud



Section 3 Video - Introduction to AWS

 **Section 4 Video - Moving to the AWS Cloud**

 **Wrap Up Video**

 **Student Guide**

 **Module 1 Knowledge Check**

100 pts

▼ **Module 2 - Cloud Economics and Billing**

 **Introduction Video**

 **Section 1 Video - Fundamentals of Pricing**

 **Section 2 Video - Total Cost of Ownership**

 **Section 2 Case Study**

 **Section 3 Video - AWS Organizations**

 **Section 4 Video - AWS Billing**

 **Console Demonstration - Billing Dashboard**

 **Section 5 Video - Technical Support Models**

 **Wrap Up Video**

Student Guide



Module 2 Knowledge Check

100 pts

▼ **Module 3 - AWS Global Infrastructure Overview**



Introduction Video



Section 1 Video - AWS Global Infrastructure



Section 2 Video - AWS Services



Wrap Up Video



Student Guide



Module 3 Knowledge Check

100 pts

▼ **Module 4 - AWS Cloud Security**



Introduction Video



Section 1 Video - AWS Shared Responsibility Model



Section 2 Video - AWS IAM



Console Demonstration - Identity and Access Management

 **Section 3 Video - Securing a New AWS Account**

 **Section 4 Video - Securing Accounts**

 **Section 5 Video - Securing Data**

 **Section 6 Video - Working to Ensure Compliance**

 **Wrap Up Video**

 **Student Guide**

 **Lab - 1 Introduction to AWS IAM**

100 pts

 **Module 4 Knowledge Check**

100 pts

▼ **Module 5 - Networking and Content Delivery**

 **Introduction Video**

 **Section 1 Video - Networking Basics**

 **Section 2 Video - Amazon VPC**

 **Console Demonstration - VPC Wizard**

 **Section 3 Video - VPC Networking**

Section 4 Video - VPC Security



Section 5 Video - Route 53



Section 6 Video - CloudFront



Wrap Up Video



Student Guide



Lab - 2 Build your VPC and Launch a Web Server

100 pts



Module 5 Knowledge Check

100 pts

▼ Module 6 - Compute



Introduction Video



Section 1 Video - Compute Services Overview



Section 2 Video - Amazon EC2 Part 1



Section 3 Video - Amazon EC2 Part 2



Section 4 Video - Amazon EC2 Part 3



Console Demonstration - EC2



Lab - 3 Introduction to Amazon EC2

100 pts

 **Section 5 Video - Amazon EC2 Cost Optimization**

 **Section 6 Video - Container Services**

 **Section 7 Video - Introduction to AWS Lambda**

 **Activity - AWS Lambda**

100 pts

 **Section 8 Video - Introduction to AWS Elastic Beanstalk**

 **Activity - AWS Elastic Beanstalk**

100 pts

 **Wrap Up Video**

 **Student Guide**

 **Module 6 Knowledge Check**

100 pts

▼ Module 7 - Storage

 **Introduction Video**

 **Section 1 Video - AWS EBS**

 **Console Demonstrations - EBS**

 **Lab - 4 Working with EBS**

100 pts

Section 2 Video - AWS S3



Console Demonstration S3



Section 3 Video - AWS EFS



Console Demonstrations - S3 and EFS



Section 4 Video - AWS S3 Glacier



Console Demonstrations - Glacier



Wrap Up Video



Student Guide



Module 7 Knowledge Check

100 pts

▼ **Module 8 - Databases**



Introduction Video



Section 1 Video - Amazon RDS



Console Demonstration - RDS



Lab - 5 Build a Database Server

100 pts



Section 2 Video - Amazon DynamoDB

 **Console Demonstration - DynamoDB**

 **Section 3 Video - Amazon Redshift**

 **Section 4 Video - Amazon Aurora**

 **Wrap Up Video**

 **Student Guide**

 **Module 8 Knowledge Check**

100 pts

▼ **Module 9 - Cloud Architecture**

 **Introduction Video**

 **Section 1 Video - AWS Well-Architected Framework Design Principles**

 **Section 2 Video - Operational Excellence**

 **Section 3 Video - Security**

 **Section 4 Video - Reliability**

 **Section 5 Video - Performance Efficiency**

 **Section 6 Video - Cost Optimization**

Section 7 Video - Reliability



Section 8 Video - AWS Trusted Advisor



Wrap Up Video



Student Guide



Module 9 Knowledge Check

100 pts

▼ **Module 10 - Auto Scaling and Monitoring**



Introduction Video



Section 1 Video - Elastic Load Balancing



Section 2 Video - Amazon CloudWatch



Section 3 Video - Amazon EC2 Auto Scaling



Wrap Up Video



Lab - 6 Scale & Load Balance your Architecture

100 pts



Student Guide



Module 10 Knowledge Check

100 pts

▼ Course Assessment

[Complete All Items](#)



Course Assessment

100 pts Score at least 70.0



▼ Sandbox



Sandbox Environment

▼ Certification Resources



Certification Resources



Certification Discussion



Practice Questions in AWS Skill Builder



AWS Cloud Practitioner CLF-C02 exam alignment guide

▼ Feedback



End of Course Feedback Survey

▼ Badges and Completion Certificates

Prerequisites: Course Assessment



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▼ AWS T&C Resources



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