

DESCRIPTION

Cloud computing is the on-demand delivery of IT resources over the internet with a pay-as-you-go pricing model. Organizations are migrating their workloads to the cloud to reduce hardware and operational costs. Amazon Web Services (AWS) is the world's largest cloud provider having regions globally. Xerris is an advanced AWS partner, delivering solutions on AWS for many diverse clients worldwide. The AWS Developer Bootcamp provides foundational skills for engineers to develop solutions on AWS.

COURSE CONTENT

Modules

- **Welcome To The Cloud**
Understand what cloud computing is and learn about AWS. Create an AWS free tier account and begin your learning journey.
- **Introduction to Microservices**
Learn to develop AWS Lambdas working with a NoSQL datastore AWS DynamoDB.
- **Infrastructure at Code (IaC)**
Learn how to create AWS resources using either CDK or Terraform.
- **Introduction to SQS**
Develop with AWS Simple Queue Service
- **Introduction to SNS**
Develop with Simple Notification Services
- **Introduction to Test Automation**
Learn the basics of test automation and how you design your software to support automated tests.
- **Test Automation using Mocks**
Learn how to write tests for APIs your software depends on and how to write your tests to reduce the total cost of ownership.
- **Project Simulation**
Put it all together and build an AWS application

OVERVIEW

Boot camp is 24 hours of instructor-led lectures and hands-on workshops. Modules are 3-hours in length, broken down into lecture and practical hands-on lessons. Learn the basics of developing on AWS while also improving your skills as a developer.



CLASS SCHEDULE

- Instructor-led lectures with real-world examples.
- Suggested classroom size: 12-15 students
- Class runs from 7 am – 10 am MST every Monday-Wednesday-Friday.



STUDENT COMMITMENT

- Students actively participate in both lectures and workshops.
- Students require Visual Studio Code or equivalent IDE
- Students workstations require .NET Core 6.0 installed
- Students require local administrator access to installed relevant tools



CERTIFICATION PREPARATION

Preps you for the AWS Developer Associate certificate.

Certification requires additional self-study