**Course Outcomes**

* Building a serverless back-end using AWS, cloud-native tools and services.
* It's commonplace to choose to build API driven applications. APIs are everywhere in modern development. Knowing how to build and host APIs on AWS.
* Exploring how to build an API driven application using Amazon API gateway for serverless API hosting.
* AWS Lambda for serverless compute, and Amazon Cogneto for serverless authentication.
* An API driven development process is followed at first, then marked up what the API will look like.
* Adding authentication to the API using Amazon Cogneto.
* Learning how the authorization flow works with Cogneto and how to build it into the APIs.
* Learning how to add a Lambda back-end that will be triggered by API gateway.
* Learning about the different configurations that exist for Lambda, and how to create and manage Lambda functions.
* Some of the features of the API will require multiple Lambda functions to execute in a specific order, like a workflow. So learning how to use AWS step functions to create a serverless workflow.
* Finally, learning how to optimize the APIs at every layer using AWS features.