The Basics of Cloud Computing : AWS Course

What is cloud computing?
Understand AWS products, services and solutions
Services (processing, storage, Amazon VPC, database)
The basics of identifying AWS services
Security on AWS
Security on AWS – Understanding the Model
AWS architecture

– Principle of cloud architecture
– The pillars of AWS
– The various cloud infrastructure services including: EC2 and VPC, RDS, ElastiCache, S3, IAM, SQS and CloudFront

Different exercises would aim at creating a complete infrastructure that can host a small basic web project. The ultimate goal would be to be able to manually create a basic infrastructure in the cloud and use it. The course would also show the basics of CloudFormation but without digging into it, there would be a usable template that would represent the project mounted during the course.