**Day 1**   Introduction, Monolith vs Microservice architecture, Microservice characteristics an principles, case study example.

**Day 2**   Ist complete application using 3 microservices and REST API without discovery server

**Day 3**   Understanding Service Discovery, Spring Cloud Overview, Spring Cloud and Netflix OSS, Eureka for registration and discovery, Redoing earlier example with Eureka Server

**Day 4**   Ribbon for load balancing, Setting up the Config Server with Remote Git Repository

**Day 5**   Zuul proxy as the API gateway, Setting up the Zuul

Circuit breaker and monitoring

•           Using Hystrix’s fall back methods

•           Monitoring

•           Setting up the Hystrix Dashboard

Error handling

Asynchronous , Reactive programming, Transaction management