DEV SEC OPS ENGINEERING
DURATION: 2 DAYS

COURSE OVERVIEW

A Dev Sec Ops Engineer is an IT Security professional who is skilled at "security as code" with the intent of making security and compliance consumable as a service. A Dev Sec Ops Engineer uses data and security science as their primary means of protecting the organization and customer.

TARGET AUDIENCE

Anyone interested in learning about Dev Sec Ops practices

IT Security Professionals, Practitioners, and Managers

- Testers and Quality Assurance Teams

- Software Engineers and DevOps Engineers

- IT Managers

- Project Managers

- Managed Service Providers

- Release Managers and delivery staff

- Maintenance and support staff

- Anyone involved in Continuous Delivery toolchain architectures

COURSE OBJECTIVES

1. The purpose, benefits, concepts and vocabulary of Dev Sec Ops
2. How DevOps security practices differ from other security approaches
3. Business-driven security strategies
4. Understanding and applying data and security sciences
5. The use and benefits of Red and Blue Teams
6. Integrating security into Continuous Delivery workflows

7. How Dev Sec Ops roles fit with a DevOps culture and organization

COURSE CONTENT

1. Digital Learner Manual (excellent post-class reference)
2. Participation in exercises designed to apply concepts
3. Sample documents, templates, tools and techniques
4. Access to additional sources of information and communities

COURSE PREREQUISITES

1. DevOps Foundation® Certificate
2. Familiarity with IT software development and operations responsibilities

TEST CERTIFICATION

Successfully passing (65%) the 90 minute, multiple choice, Bloom's Taxonomy levels 1, 2 and 3 exam leads to the Dev Sec Ops Engineer (DSOE) ℠ certificate. The certification is governed and maintained by the DevOps Institute; exams are delivered through an independent, global examination partner.