

# DevSecOps Engineering (DSOE)

Duration 2 Days

## COURSE DESCRIPTION

A DevSecOps Engineer is an ITSecurity professional who is skilled at “security as code” with the intent of making security and compliance consumable as a service. A DevSecOps Engineer uses data and security science as their primary means of protecting the organization and customer.

This sixteen (16) hour course explain show DevOps security practices differ from other security approaches, and provides the education needed to understand and apply data and security sciences. Participants learn the purpose, benefits, concepts and vocabulary of DevSecOps; particularly in how DevSecOps roles fit with a DevOps culture and organization.

## COURSE OBJECTIVES

The learning objectives include a practical understanding of:

- The purpose, benefits, concepts and vocabulary of DevSecOps
- How DevOps security practices differ from other security approaches
- Business-driven security strategies
- Understanding and applying data and security sciences
- The use and benefits of Red and Blue Teams
- Integrating security into Continuous Delivery workflows
- How DevSecOps roles fit with a DevOps culture and organization

## COURSE OUTLINE

- The Purpose, Benefits, Concepts and Vocabulary of DevSecOps
- How DevOps Security Practices Differ from Other Security Approaches
- Business-Driven Security Strategies
- Understanding and Applying Data and Security Sciences
- The Use and Benefits of Red and Blue Teams
- Integrating Security into Continuous Delivery Workflows
- How DevSecOps Roles Fit with A DevOps Culture and Organization

## CERTIFICATION

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

## PREREQUISITES

- DevOps Foundation® Certificate
- Familiarity with IT software development and operations responsibilities

**WHO SHOULD ATTEND**

- Anyone interested in learning about DevSecOps 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