

# DevSecOps Engineering (DSOE) Certification Course

## Course Overview

A DevSecOps 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 DevSecOps Engineer uses data and security science as their primary means of protecting the organisation and customer.

<p style="text-align: center;"><b>Course Objectives</b></p> <p>The learning objectives include a practical understanding of:</p> <ul style="list-style-type: none"> <li>- The purpose, benefits, concepts and vocabulary of DevSecOps</li> <li>- How DevOps security practices differ from other security approaches</li> <li>- Business-driven security strategies</li> <li>- Understanding and applying data and security sciences</li> <li>- The use and benefits of Red and Blue Teams</li> <li>- Integrating security into Continuous Delivery workflows</li> <li>- How DevSecOps roles fit with a DevOps culture and organization</li> </ul>	<p style="text-align: center;"><b>Course / Student Materials</b></p> <ul style="list-style-type: none"> <li>- Digital Learner Manual (excellent post-class reference)</li> <li>- Participation in exercises designed to apply concepts</li> <li>- Sample documents, templates, tools and techniques</li> <li>- Access to additional sources of information and communities</li> </ul>
<p style="text-align: center;"><b>Certification</b></p> <p>Successfully passing (65%) the 90 minute, 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.</p>	<p style="text-align: center;"><b>Prerequisites</b></p> <ul style="list-style-type: none"> <li>- DevOps Foundation® Certificate</li> <li>- Familiarity with IT software development and operations responsibilities</li> </ul>
<p><b>Audience</b></p>	

- 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

This course will be taught in a physical classroom. This course will be covered in two days (eight hours per day). The exam can be taken at the end of the course in the classroom or online at a date and time convenient to the learner.

Note: This certifiable course has been developed by the DevOps Institute (DOI). Ranger4 is a DOI Registered Education Partner. The examination is delivered by PeopleCert.