

# DevOps Test Engineering (DTE) Certification Course

## Course Overview

A DevOps Test Engineer is an individual accountable for testing software in a DevOps environment.

<p style="text-align: center;"><b>Course Objectives</b></p> <p>The learning objectives for DTE include a practical understanding of:</p> <ul style="list-style-type: none"> <li>- The purpose, benefits, concepts and vocabulary of DevOps testing</li> <li>- How DevOps testing differs from other types of testing</li> <li>- DevOps testing strategies, test management and results analysis</li> <li>- Strategies for selecting test tools and implementing test automation</li> <li>- Integration of DevOps testing into Continuous Integration and Continuous Delivery workflows</li> <li>- How DevOps testers fit with a DevOps culture, organisation and roles</li> </ul>	<p style="text-align: center;"><b>Course / Student Materials</b></p> <ul style="list-style-type: none"> <li>- Sixteen (16) hours of instructor-led training and exercise facilitation</li> <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 the certification exam leads to the candidate's designation as a certified DevOps Test Engineer (DTE)<sup>SM</sup>. 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® Certification Course</li> <li>- Completion of pre-class assignment</li> <li>- General knowledge of software quality assurance testing concepts</li> </ul>
<p style="text-align: center;"><b>Audience</b></p> <p>Anyone involved in or interested in learning about the principles of Continuous Integration and Continuous Delivery. Also:</p>	

- Anyone involved in defining a DevOps Testing strategy
- Quality Assurance Managers
- Testers and Quality Assurance Teams
- Software Engineers and DevOps Engineers
- IT Managers
- Project Managers
- Lab staff
- Release Managers and delivery staff
- Maintenance and support staff
- Anyone involved in testing tool selection

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.