



Course 2072: DASA DevOps Fundamentals

About This Course

This three-day instructor-led course is intended for individuals involved in IT development, IT operations, or IT service management. This course provides students with an extensive introduction to the core agile DevOps principles covering the essential knowledge and skill competences that have been defined by the DevOps Agile Skills Association (DASA). It also prepares delegates for the DASA DevOps Fundamentals Certificate Examination. The course is based on the DASA DevOps competence model. This course provides 21 contact hours.

Certification Examination Type and Duration

Upon completion of the course, candidates may sit the optional DASA DevOps Fundamentals certification examination leading to the DASA DevOps Fundamentals Certificate in IT Service Management. Sixty (60) minutes (75 minutes and use of a dictionary for those taking the examination in a language other than their first language) is allowed for the closed-book, supervised examination which may be online or paper-based. The examination is a multiple choice format consisting of forty (40) questions. A score of 26 out of 40 (65%) or better is required to pass the examination.

Audience

This course is for individuals involved in IT development, IT operations, or IT service management, and individuals whose role are touched by DevOps and continuous delivery, such as DevOps engineers, product owners, integration specialists, operations managers, incident and change managers, system administrators, network administrators, business managers, automation architects, and enterprise architects.

Prerequisites

There are no prerequisites for this course. Basic familiarity with Agile, Scrum, Lean, and ITSM principles is beneficial.

Duration

3 days (19 hours).

Learning Objectives

After completing this course, learners will be able to:

- Explain the drivers responsible for the emergence of DevOps.
- Define and discuss the key concepts and principles of DevOps.
- List and explain the business benefits of DevOps and continuous delivery.
- Describe the Service Delivery process.



- Explain the concepts of test automation, infrastructure automation, and build and deployment automation.
- Describe how DevOps relates to Lean and Agile methodologies.
- Summarize case studies of IT organizations that are making the transformation to Adaptive IT and DevOps models.
- List the most common and popular DevOps tools.
- Discuss the critical success factors for DevOps implementation.

Course Outline

Module 1: DevOps Introduction

Module 2: Culture

Module 3: Organization

Module 4: Processes

Module 5: Automation

Module 6: Measurement and Improvement

Module 7: Summary and Exam Preparation

For more information or to place an order, visit pultorak.com or contact us at [\(206\) 729-1107](tel:2067291107) or info@pultorak.com.