



Information Technology

DevOps Foundation

Course Introduction

This training course is designed to provide participants an introduction to DevOps. The course focuses on communication, collaboration, integration, and automation to improve the workflow between developers and IT operations professionals. Improved workflows lead to more opportunities to design software and services in a more agile fashion which can only be good for customers. This course (based on the DevOps Institute syllabus) is intended as a basis for discovering the most important DevOps concepts and to understand the principles and methods behind this.

Target Audience

This training course is designed for professionals engaged in IT development, IT operations and IT service management.

Learning Objectives

- Objectives, concepts and principles of DevOps
- DevOps benefits to organization
- Performance criteria and results in the real world
- Concepts and methods (including the relationship between Agile, Lean and IT Service Management (ITSM))
- Cultural and organizational considerations
- Methods of communication and collaboration
- Methods for automation and technology factors
- Challenges, risks and critical success factors

Course Outline

- Day 01

INTRODUCTION

EXAM REQUIREMENTS AND WEIGHING WHY DEVOPS?

- From a business perspective
- From an IT perspective
- Stereotypes of Dev and Ops: perception and reality

WHAT IS DEVOPS?

- Introduction DevOps
- Goals DevOps
- Added value of DevOps

- Day 02

Proven Results

- DevOps for businesses
- DevOps principles (The Three Ways)

DEVOPS AND OTHER FRAMEWORKS

- DevOps and Agile
- DevOps and Lean
- DevOps and IT Service Management

- Day 03

DEVOPS CULTURE

- Characteristics of a DevOps culture

- Organizational Considerations DevOps
- DevOps stakeholders
- DevOps roles
- DevOps teams
- DevOps organizational structures

• Day 04

DEVOPS METHODS

- Continuous Integration
- Continuous delivery
- Continuous deployment
- Value stream mapping
- Kanban
- Theory of Constraints
- Improvement Kata
- Deming's quality circle
- ITSM processes
- DevOps and Automation

• Day 05

METHODS FOR DEVOPS AUTOMATION

- Longevity and tools categories DevOps applications
- Transitioning to a DevOps culture

IMPLEMENTATION

- Challenges, risks and critical success factors
- Measuring DevOps successes

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
May 26, 2025	May 30, 2025	5 days	4250.00 \$	UAE - Dubai
Aug. 4, 2025	Aug. 8, 2025	5 days	4950.00 \$	England - London
Dec. 8, 2025	Dec. 12, 2025	5 days	4250.00 \$	UAE - Abu Dhabi