

# DevOps Foundation

## 2 Day Course

The DevOps Foundation® course (DFC) is a two-day intensive instructor lead course which covers the fundamentals of DevOps providing an overview of the integration of frameworks such as Agile and lean, DevOps value and principles, DevOps techniques, use of automation and organizational considerations.

The course provides an introduction to DevOps: the cultural and professional movement that stresses communication, collaboration, integration and automation in order to improve the flow of work between software developers and IT operations professionals. Improved workflows will result in an improved ability to design, develop, deploy and operate software and services faster.

This course is designed to provide the basic education needed to build a basic understanding of DevOps concepts and practices.

The course includes exam preparation, revision and the examination on the afternoon of the second day or the opportunity to obtain certification via an online proctored examination within one-month of the course

### Who is it for?

The DevOps Foundation® course is for:

- Anyone seeking an understanding of DevOps principles, practices and cultural considerations
- Organisations wanting to instil a common DevOps vocabulary and mindset
- Employees and managers responsible for leading technology transformations
- Consultants, external suppliers
- Practitioners of other technology frameworks (such as TOGAF, ISTQB, COBIT) that want to understand how they can benefit from DevOps

### Course Pre-requisites

The entry requirements for the DevOps Foundation® course is a basic understanding of IT and a desire to improve the use of technology with an organisation.

On arrival at the course candidates should have read the provided Syllabus and pre-reading material (30 minutes of reading) in preparation for the course.

The course is intensive and those delegates who have prepared achieve a higher exam success rate.

All material is delivered as e-course material for the candidate to read or print as they desire. No printed material will be distributed at the course.

### Key Points

- **DevOps objectives and vocabulary**
- **Benefits to business and IT**
- **Principles and practices including Continuous Integration, Continuous Delivery, testing, Security and the Three Ways**
- **DevOps relationship to Agile, Lean and ITSM**
- **Improved workflows, communication and feedback loops**
- **Automation practices including deployment pipelines and DevOps toolchains**
- **Scaling DevOps for the enterprise**
- **Critical success factors and key performance indicators**
- **Real-life examples and results**

# 2

Days

Recommended  
for anyone  
starting in  
DevOps