

## TELECOM IT PROJECT MANAGEMENT TRAINING COURSE

### DETAILED COURSE OUTLINE

#### LEARN



TELECOM SPECIALISED  
TRAINING COURSES



#### IMPROVE



INCREASED STAFF  
PRODUCTIVITY AND  
COLLABORATION



#### GROW



IMPROVED PERFORMANCE  
AND FASTER GROWTH



- Understand the unique complexity of Telecom IT projects
- Learn about the different project management methodologies
- Choosing an appropriate methodology
- The different lifecycles that projects can undergo
- Identifying and managing project stakeholders
- Understanding the effects of complexity and quality on project outcomes
- The benefits of continuous delivery approach in modern IT projects

## Course Overview

This course is a mix of theoretical and practical learning. The course takes a deliverable-oriented perspective to project management, and include recommendations and learnings from the IT and Telco industries.

## Modules Breakdown (2 Day Course)

Module	Short Description
<b>Day 1</b>	
Introduction to IT Project Management	Defining IT Project Management The role of project management Why are IT Projects Difficult? Introduction to PMI and PMBOK.
Project Management Methodologies	Overview of Traditional Methodologies Overview of Agile Methodologies Other Methodologies Methodology Use in Industry
Project Management Challenges	Failure Rate of IT Projects Examples of IT Project Failures Why do IT projects fail?
Lifecycle of an IT Project	Project Lifecycle Models Programs vs Projects Products vs Projects Choosing a Methodology
Project Stakeholders	Management End-Users Other Users Vendors
Deliverables	Identifying Key Project Deliverables Developing, Negotiating and Communicating a Project Vision
<b>Day 2</b>	
Leadership and vision	Leadership of IT Projects Attributes of Successful Projects Developing a Vocabulary Developing a Project Strategy Estimating, Scheduling and Velocity Team Communication Management Reporting

Requirements Management	<ul style="list-style-type: none"> <li>Requirements Gathering</li> <li>Backlog Management</li> <li>Backlog Reviews</li> <li>Specification Development</li> </ul>
Reducing Complexity	<ul style="list-style-type: none"> <li>The Problem with Complexity</li> <li>Astronaut and Other Architectures</li> <li>Industry Views of Complexity</li> <li>Delivery Orientation</li> </ul>
Quality	<ul style="list-style-type: none"> <li>Non-functional requirements</li> <li>Business Impact of Quality Decisions</li> <li>Timeline Escalation Problem</li> </ul>
Delivery	<ul style="list-style-type: none"> <li>Continuous Delivery Cycle</li> <li>Principles of Continuous Deployment</li> <li>Team Structure</li> <li>Task Allocation and Communication</li> <li>Regular Meetings</li> <li>Product Testing Methodologies</li> </ul>
Tools	<ul style="list-style-type: none"> <li>Introduction to Project Management Tools</li> <li>Integrating Backlog and Execution</li> <li>Using Open Source Software</li> </ul>