

Test Management (1 or 2 days)

Course Objective

- Setting quality goals for the organization, Assessing organizational capabilities, Performing quality risk analysis, Using requirements documents and specifications
- Creating and following test plans, Writing and tracking test cases and suites, Presenting difficult information to management
- Managing bugs reports, Using people resources effectively, Planning and Deciding on Test automation and Tool selection

Intended Audience

- Test Managers, Test Leads, Test Engineers, Agile Team Members, QA Specialists, Project Managers, Business Analysts, System Analysts, Software Engineers

Course Outline

Test Management

- Test Documentation, Test Policy, Master Test Plan
- Risk Identification, Analysis, Mitigation
- FMEA, PRISMA Methods
- Managing test product risks
- Test Estimation Techniques
- Test Scheduling, Test implementation & execution
- Evaluating exit criteria and reporting
- Test Sourcing and Organization Models
- Distributed, Outsourced and Insourced Testing
- Lean, Staff, Project Organization Models
- Centralized Models and Testing Center of Excellence (TCoE)

Test Techniques and Methodologies

- Static Testing and The Principles of Reviews

- Success Factors for Reviews
- Static Testing Techniques (Audit, Inspection, Walkthrough, Peer Review)
- Test Process Improvement
- Test Assessment Frameworks (TMMi, TPI, TaF etc.)
- Business Value of Testing
- Performance Indicators & Test Metrics
- Test Automation Decision
- Test Tool Selection Guideline and Strategy

People and Skills

- Individual skills
- Test team dynamics
- Fitting Test Team into an Organization
- Motivation & Communication Factors