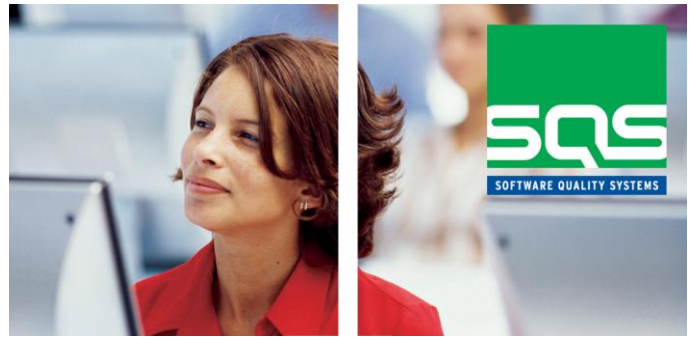


Practical Test Planning

SQS-TP

2 days



Course Overview

A two day course.

Test analysts and test team leaders need to understand how to plan, estimate and schedule testing tasks and resources.

Following a well defined process and based on a detailed case study this course gives practical experience in planning, estimating and scheduling software testing within software development projects.

With the emphasis on putting theory into practice, this course is highly practical and attendees will produce real test documentation over the two day period.

Course Objectives

On completion of this course attendees will have gained the skills and confidence necessary to plan test phases, they will know how to create detailed test plans, will have a useful tool box of estimating techniques, will be able to efficiently allocate resource, will know how to report progress to management and will understand how to achieve test objectives within the constraints of software development projects.

In addition to this attendees will know how to recognise when projects are getting out of hand and what controlling activities are necessary to bring them back on schedule.

Who should attend?

Anyone who wishes to understand the process of planning, estimating and scheduling testing activities. This course would be particularly appropriate for test team leaders and senior test analysts who are involved in the day to day planning and managing of test team activities.

Prerequisites

Previous experience of testing is assumed and preferably attendees will have at least one years experience as a tester prior to attending this course.

Attendees may also consider attending courses such as SQS's Practical Testing Processes or the Foundation Certificate in Software Testing prior to attending this course.

Related Certifications

None

Recommended Follow-on Courses

After completing this course attendees may consider Test Estimation or a formal certification path from ISEB or ISTQB.



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Course Outline

This two day course will cover:

Introduction

- The system development life cycle
- The test process
- Test management
- The role of the test team leader
- The test planning process
- Deliverables of planning
- Scheduling test planning
- Introduction to the case study

Planning

- What to plan
- The project test plan
- Strategic or tactical
- Tasks
- Deliverables
- Constraints
- PERT and Network charts
- Exercises - Getting started, constraints, the Gantt chart and the critical path

Estimating

- Introduction to test estimation
- Estimating techniques
- Understanding the accuracy of estimates
- What to estimate
- Exercise - estimation

Scheduling

- Understanding resources
- Understanding tasks
- Adjustment and contingency
- Feedback and re-scheduling
- Exercises - resource allocation, scheduling and issue work assignments

Progressing the work

- Test monitoring
- Activities to monitor
- How to monitor using metrics
- Controlling the project
- Progress reporting to management
- Exercise - progress reporting

