

Course 328: Successful Acceptance Testing (2 days)

Course Description...

No matter how much testing has taken place, eventually the new software product or feature, or function will have to be tested to see if it is accepted by the people who are going to use it. This course addresses the special considerations of the final stage of testing in the software development life cycle, the Acceptance Test.

Learning Objectives...

- Understand the full scope of the acceptance test stage
- Compare and contrast the several forms of acceptance testing
- Review the aspects of acceptance testing

Who should attend...

Business analysts, project managers, IT managers, users, business managers working with software, and anyone who has to accept developed software.

Prerequisites...

An understanding of the software development life cycle and the process of developing software.

See next page for a detailed course outline...



Course Outline...

Introduction and Overview

Course Objectives

Unit 1 - What is an Acceptance Test?

Why do an Acceptance Test?

The scope of the acceptance test

- What should be tested?

Who does the acceptance testing?

Where acceptance testing is done

How long should acceptance testing be done?

What are the acceptance test methods?

Unit 2 - Testing Considerations

What will be tested?

Test environment

- Set up and preparation
- Execution

Test procedures

- Format for test procedures
- What must be detailed

Task knowledge

- Ensuring testers are ready

Ensuring the software is ready for acceptance

- Previous testing stages
- Pre-Acceptance Testing

Unit 3 - Working with the users

Observation

- Forms of observation
- Obstacles to observation techniques

What will the users test?

- Prioritization
- User make up
- User availability

Tracking the tests

- Reporting and recording
- Managing the results

Methods for User Acceptance Testing

- Controlled, scripted tests
- Controlled, unscripted tests
- Parallel testing
- No-net testing



Unit 4 - Acceptance Testing Methods

What will it take to prove that the problem is solved?

- Functional acceptance testing
- Non-functional acceptance testing
- User acceptance testing

Acceptance test criteria

- Acceptable Level of Circumstance
- Product exit criteria
- The punch list concept

Acceptance Test Cases

- Source of Acceptance Tests
- Creating the Acceptance Test Case
- Creating the Acceptance Test Scenario

Methods

- Tightly scripted
- Trial run concept
- Running Parallel
- Testing without a net

Usability Testing

- Setting usability criteria
- The usability lab

Unit 5 - Management of Acceptance Test Stage

Fixing the defects

- Which defects to fix
- Diagnosing defects
- Defect density decisions

Regression testing

- Re-testing and accepting
- How much regression testing is enough?

Determining the Release

- Basis for acceptance
- Control of release criteria

Unit 6 - The Bottom Line

Acceptance Test process

After Acceptance

The testing goes on

Where to go for more information

Please contact your ROI representative to discuss course tailoring!!!