Essential Test Management and Planning

- Discuss the importance of corporate culture and the economics of test and failure
- Learn proven test planning methods and techniques
- Learn how to create a customized Master Test Plan or Level-specific plans
- Discuss the issues that affect the test strategy
- Discover a practical risk analysis technique to prioritize your tests
- Discuss methods for measuring the test effectiveness of your organization
- Learn how to create a Test Summary Report to effectively communicate recommendations to stakeholders based on the knowledge gained during the test effort

The Appropriate Test Strategy is Key

Test planning is essential to the success of any testing effort, but what really matters is the thought process used to create the test plan and not the document itself. Communications and agreements reached during the creation of the test plan ultimately determine the success of the testing effort. This seminar focuses on how to achieve a consensus on important test strategy issues such as resource allocation, scheduling, risk prioritization, exit criteria, automation, etc.

A Proven Approach

Some organizations will need very formal plans, while others will need very little documentation, but all need some type of plan. The session uses the IEEE 829 test plan template as a basis for creating a customized test plan appropriate to the project and organization using it. Additionally, attendees will learn how to use an IEEE 829 Test Summary Report to summarize results, make recommendations, and identify process improvement opportunities.

Who Should Attend

This course is appropriate for Test Managers, Test Leads, and experienced testers who are tasked with developing a testing strategy for their organization.

Course Outline

Corporate Culture
Economics of test and failure
What is “good enough”?
Test Psychology
Raising testing profile
Quantitative measures of ROI
Qualitative measures of ROI
Developer/tester ratio

Preventive Testing

The Master Test Plan
Approach
Scheduling
Responsibilities
Staffing and training

Risk Analysis
Product risk analysis
Project risk analysis

Testing Strategies
Testing methodology
Entrance/exit criteria
Test coverage
Change management
Regression strategy
Automation strategy
Test environments
Metrics
Maintaining test documentation

Test Summary Report