

Expert Level Test Management with Managing the Test Team

Duration: 5 days / 40 hours

Prerequisites:

- a. Must Have **CTFL** Certificate
 - b. The advanced level Test Manager **CTAL-TM** Certificate
 - c. 5 years of Practical Testing Experience
 - d. 2 years of Industry Experience In the Specific Expert Level Topics
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Day 1: Test Strategy, Missions, and Organizational Alignment

- **Test Missions, Policies, Strategies, and Goals**
 - Defining Test Mission and Policy
 - Success Metrics and Measurement
 - Test Strategy Types:
 - Analytical, Model-Based, Methodical
 - Process-/Standard-Compliant, Reactive
 - Consultative, Regression-Averse, Automation
 - Aligning Test Policy and Strategy with Business Objectives
 - **Organizational Test Alignment**
 - Advocating for Testing in Business Context
 - Selling the Value of Testing to Stakeholders
 - Creating a Defensible Test Organization
 - Supporting and Positioning the Team within the Organization
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Day 2: Team Development and Leadership

- **Building the Test Team**
 - Writing Job Descriptions and Reviewing Resumes
 - Interviewing Techniques for Key Testing Roles
 - Onboarding and Contract Management
 - **Developing the Test Team**
 - Setting Goals, Role Clarity, and Personality Dynamics
 - Skill Development and Structured Training Programs
 - Mentorship, Feedback, and Performance Management
 - **Leading the Test Team**
 - Effective Information Sharing and Communication
 - Building Loyalty and Trust
 - Motivation and Team Building Activities
 - Managing Distributed and Remote Testing Teams
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Day 3: Managing External and Cross-Functional Relationships

- **Managing External Relationships**

- Identifying Relationship Types (vendors, contractors, partners)
 - Handling Contracts and Legal Considerations
 - Effective Communication with External Entities
 - Integration of External Test Components and Quality Validation
 - **Managing Across the Organization**
 - Building and Maintaining Stakeholder Relationships
 - Promoting Cross-Team Quality Practices
 - Integration of Testing Tools Across Departments
 - Managing Ethical Issues in Testing and Reporting
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Day 4: Project and Risk Management

- **Project Management Essentials**
 - Accurate Test Estimation and Scheduling
 - Budgeting and Resource Allocation Strategies
 - Managing and Tracking Test Projects
 - Handling Scope Changes, Trade-offs, and Time Constraints
 - **Project Risk and Quality Management**
 - Identifying and Managing Testing Risks
 - Participating in Organization-Wide Risk Mitigation
 - Establishing and Maintaining Quality Management Systems
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Day 5: Evaluation, Metrics & Domain-Specific Considerations

- **Test Project Evaluation and Reporting**
 - Capturing and Tracking Test Metrics
 - Internal and External Reporting Best Practices
 - Analyzing Test Results and Communicating Effectively
 - Exit Criteria Evaluation and Test Closure
 - Applying Statistical Quality Control Methods
- **Domain and Lifecycle-Specific Test Management**
 - Test Considerations in Lifecycle Models: Agile, V-Model, Waterfall
 - Managing Partial Lifecycles, Integration, Maintenance Projects
 - Testing Embedded and Safety-Critical Systems
 - Release Readiness: Market Demand, Maintainability, Installation
- **Evaluating Effectiveness and Satisfaction**
 - Test Process and Policy Metrics (Effectiveness, Efficiency)
 - Satisfaction Metrics and Stakeholder Feedback
 - Conducting Structured Project Retrospectives