# ERP Test Planning and Strategy Training Course

Professional Development Training Course Outline

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|---|---|---|---|
| **Category** | Enterprise Resource Planning (ERP) | **Duration** | 5 Days |
| **Base Fee** | $1,500 USD | **Delivery Mode** | Online / On-site Hybrid |

## Course Introduction

In today’s digital era, ERP (Enterprise Resource Planning) systems are the backbone of organizational efficiency, integrating finance, HR, supply chain, and operations into a unified platform. Successful ERP implementation hinges on rigorous test planning, strategy formulation, and execution to minimize risks and ensure seamless business continuity. ERP Test Planning and Strategy Training Course is designed for professionals who want to master ERP testing frameworks, automation strategies, and quality assurance best practices, empowering organizations to achieve operational excellence and compliance.

This hands-on, practical course covers industry-standard ERP testing methodologies, from requirement analysis and test design to risk-based testing, automation, and defect management. Participants will gain a deep understanding of strategic test planning, learn to implement robust test frameworks, and analyze real-world ERP case studies for actionable insights. By the end of the program, learners will be equipped to drive ERP testing initiatives that reduce errors, enhance efficiency, and ensure successful ERP deployment.

## Programme Curriculum

**ERP Test Planning and Strategy Training Course**

**Introduction**

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**Course Duration**

5 days

**Course Objectives**

1. Develop strategic ERP test plans aligned with organizational goals.
2. Master risk-based and requirement-based testing techniques.
3. Gain expertise in ERP test automation tools and frameworks.
4. Learn end-to-end ERP testing lifecycle management.
5. Understand integration and regression testing for ERP modules.
6. Implement real-time defect tracking and management strategies.
7. Apply industry-standard QA and compliance practices in ERP.
8. Enhance data migration and validation testing skills.
9. Execute performance, load, and stress testing for ERP systems.
10. Conduct user acceptance testing (UAT) with stakeholder engagement.
11. Analyze ERP test metrics, KPIs, and reporting techniques.
12. Solve real-world challenges through ERP testing case studies.
13. Optimize continuous testing and agile testing approaches in ERP projects.

**Target Audience**

1. ERP Test Analysts
2. QA and Testing Professionals
3. Business Analysts in ERP projects
4. Project Managers
5. ERP Implementation Consultants
6. IT Managers and Team Leads
7. Software Developers involved in ERP customizations
8. System Integrators and ERP Solution Architects

**Course Modules**

**Module 1: Introduction to ERP Test Planning**

- Overview of ERP systems and architecture
- Importance of ERP testing in digital transformation
- Key phases of ERP test planning
- Identifying test objectives, scope, and constraints
- Case Study: ERP failure due to inadequate test planning

**Module 2: Requirement Analysis & Test Design**

- Analyzing functional and technical requirements
- Designing test scenarios and cases
- Prioritizing test coverage based on risk

- Creating traceability matrices
- Case Study: Requirement gaps impacting ERP rollout

**Module 3: Risk-Based Testing & Strategy**

- Identifying and assessing ERP risks
- Developing risk mitigation plans
- Prioritizing critical ERP modules for testing
- Leveraging risk-based test execution techniques
- Case Study: Risk-based testing saving project costs

**Module 4: ERP Test Automation**

- Overview of automation tools
- Selecting test cases for automation
- Designing automation scripts and frameworks
- Continuous integration and automated regression testing
- Case Study: Automation reducing ERP deployment time

**Module 5: Integration & Regression Testing**

- ERP module integration strategies
- Regression testing methodologies
- Handling system dependencies and interfaces
- Tools for integration and regression testing
- Case Study: Successful multi-module ERP integration

**Module 6: Data Migration & Validation Testing**

- Planning data migration test strategies
- Validating master and transactional data
- Handling legacy system data challenges
- Data reconciliation and reporting techniques
- Case Study: Data migration errors and mitigation steps

**Module 7: User Acceptance Testing (UAT)**

- Planning UAT with business stakeholders
- Developing UAT scripts and checklists
- Tracking and resolving defects
- Measuring UAT success and sign-off criteria
- Case Study: UAT revealing critical ERP workflow issues

**Module 8: Metrics, Reporting & Continuous Improvement**

- ERP testing KPIs and success metrics
- Test execution reporting and dashboards
- Lessons learned and process improvement
- Continuous testing strategies in agile ERP projects
- Case Study: KPI-driven decision-making in ERP testing

## Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

**Register as a group from 3 participants for a Discount**

**Send us an email: info@fineskilltrainingcenter.org or call** +254769199797

**Certification**

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

**Tailor-Made Course**

We also offer tailor-made courses based on your needs.

**Key Notes**

**a.** The participant must be conversant with English.

**b.** Upon completion of training the participant will be issued with an Authorized Training Certificate

**c.** Course duration is flexible and the contents can be modified to fit any number of days.

**d.** The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

**e.** One-year post-training support Consultation and Coaching provided after the course.

**f.** Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

## Upcoming Scheduled Sessions

| Start Date | End Date | Location | Price |
|---|---|---|---|
| **23 Nov 2026** | 27 Nov 2026 | Online | $1,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $1,500 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $3,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $3,000 |

| Start Date | End Date | Location | Price |
|---|---|---|---|
| **23 Nov 2026** | 27 Nov 2026 | Physical | $6,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $4,500 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $6,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $6,000 |

Ready to enroll or request a customized program? Book online or contact us:

**Register Online Now**

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