

ERP Training

Professional Training Course

Skillslab Training Provider

Skills for Tomorrow's World



Course Description

Introduction

ERP Training is a comprehensive professional development program designed to equip executives, managers, functional specialists, project leaders, and system users with the knowledge and practical capabilities required to understand, implement, manage, and optimize enterprise resource planning systems.

Enterprise resource planning platforms integrate critical organizational functions—including finance, procurement, supply chain, inventory, human resources, sales, operations, asset management, and reporting—within a unified digital environment. When implemented effectively, an ERP system can improve data visibility, standardize business processes, strengthen governance, reduce operational inefficiencies, and support faster, more informed decision-making.

The executive-level value of this ERP training course lies in its ability to connect technology investment with strategic organizational performance. Participants will learn how to align ERP initiatives with institutional priorities, evaluate business requirements, manage implementation risks, improve user adoption, and maximize return on investment.

The program moves beyond basic software awareness to address the complete ERP lifecycle, from business process analysis and system selection to configuration, data migration, testing, deployment, governance, and continuous improvement. It also explores the leadership, organizational change, cybersecurity, and performance management requirements that influence ERP success.

Through real-world case studies, practical workshops, implementation scenarios, and cross-functional exercises, participants will develop a structured understanding of how enterprise systems support operational excellence, digital transformation, regulatory compliance, and sustainable institutional growth.

This course is suitable for government entities, ministries, public sector organizations, large corporations, and professionals seeking practical ERP implementation and management training with direct relevance to real-world organizational environments.

Course Objectives

By the end of this course, participants will be able to:

- Explain the strategic role of enterprise resource planning systems in modern organizations.
- Understand how ERP platforms integrate core business functions and organizational data.
- Identify the operational, financial, and strategic benefits of ERP implementation.
- Analyze business processes and translate organizational requirements into system needs.
- Evaluate ERP solutions, implementation models, and vendor selection criteria.
- Understand the key phases of the ERP implementation lifecycle.
- Manage data migration, system configuration, integration, testing, and deployment activities.
- Identify common ERP implementation risks and develop appropriate mitigation strategies.
- Support effective collaboration between business departments, technical teams, consultants, and vendors.
- Improve user adoption through structured communication, training, and change management.
- Establish appropriate ERP governance, security, access control, and accountability.
- Measure ERP performance, benefits realization, and return on investment.
- Develop a practical roadmap for ERP implementation, optimization, or modernization.

Course Content

Day 1: ERP Fundamentals and Strategic Business Value

- Understanding enterprise resource planning systems and their organizational purpose.
- Evolution of ERP from functional software to integrated enterprise platforms.
- Core ERP modules and their relationships across the organization.
- Finance, procurement, inventory, supply chain, sales, human resources, and asset management modules.
- How ERP systems create a single source of organizational information.
- The role of ERP in digital transformation and operational modernization.
- Strategic benefits of process integration and standardized workflows.
- Improving transparency, accountability, compliance, and decision-making.
- Comparing traditional systems with integrated enterprise platforms.

- On-premises, cloud-based, and hybrid ERP deployment models.
- Common causes of ERP implementation success and failure.
- Executive workshop: identifying organizational challenges that ERP can address.

Day 2: Business Process Analysis and ERP Requirements Planning

- Understanding the relationship between business processes and ERP functionality.
- Mapping current organizational processes and information flows.
- Identifying inefficiencies, duplication, delays, and control weaknesses.
- Distinguishing between current processes and desired future processes.
- Defining functional and technical ERP requirements.
- Gathering requirements from departments and key stakeholders.
- Prioritizing requirements according to strategic value and operational need.
- Standardization versus customization in ERP implementation.
- Managing conflicting requirements across departments.
- Developing process maps, requirement registers, and workflow documentation.
- Establishing realistic project scope and implementation boundaries.
- Practical exercise: developing an ERP requirements and process improvement framework.

Day 3: ERP Selection, Implementation, and Project Management

- Defining an effective ERP selection strategy.
- Evaluating ERP vendors, platforms, implementation partners, and support models.
- Developing requests for information and requests for proposals.
- Comparing solutions based on functionality, scalability, integration, security, and cost.
- Understanding licensing, subscription, implementation, and maintenance costs.
- Building a business case for ERP investment.
- Key phases of the ERP implementation lifecycle.
- Project governance, sponsorship, roles, and responsibilities.
- Developing implementation schedules, milestones, and resource plans.

- Managing scope, budget, quality, risks, and stakeholder expectations.
- Agile, phased, parallel, and full-scale implementation approaches.
- Practical case study: evaluating and planning an ERP implementation project.

Day 4: Data Migration, Integration, Testing, and Deployment

- Understanding the importance of data quality in ERP success.
- Assessing legacy data and identifying migration challenges.
- Data cleansing, validation, standardization, and ownership.
- Developing a structured data migration strategy.
- Master data management and organizational data governance.
- Integrating ERP with existing applications, platforms, and external systems.
- Understanding interfaces, workflows, and system dependencies.
- System configuration and controlled customization.
- Functional testing, integration testing, performance testing, and user acceptance testing.
- Managing defects, changes, and implementation readiness.
- Cutover planning, system deployment, and operational transition.
- Business continuity and contingency planning during implementation.
- Practical workshop: developing a data migration and deployment readiness checklist.

Day 5: ERP Governance, Change Management, and Performance Optimization

- Establishing ERP governance structures and decision-making authorities.
- Roles of senior leadership, process owners, system administrators, and users.
- Managing organizational change and employee resistance.
- Building effective communication and stakeholder engagement plans.
- Designing user training and competency development programs.
- Supporting adoption before, during, and after system deployment.
- ERP security, access control, segregation of duties, and auditability.
- Protecting organizational data and managing cybersecurity risks.

- Monitoring system performance and user experience.
- Establishing ERP performance indicators and service standards.
- Measuring operational benefits, cost savings, and return on investment.
- Post-implementation reviews and continuous process improvement.
- ERP upgrades, cloud migration, automation, and future modernization.
- Final workshop: developing an organizational ERP implementation and optimization roadmap.

Target Audience

This ERP Training course is designed for professionals responsible for enterprise systems, business operations, organizational transformation, process improvement, technology investment, and institutional performance, including:

- Senior executives and general managers.
- Government officials and public sector leaders.
- Ministry directors and department heads.
- ERP project managers and implementation team members.
- Information technology managers and system administrators.
- Finance and accounting professionals.
- Procurement and supply chain managers.
- Inventory, warehouse, and logistics professionals.
- Human resources and payroll managers.
- Operations and business process managers.
- Sales, customer service, and commercial professionals.
- Internal auditors, risk managers, and compliance specialists.
- Business analysts and functional consultants.
- Data management and reporting professionals.
- Change management and organizational development specialists.
- Professionals involved in ERP selection, implementation, upgrade, or optimization projects.
- Consultants and advisors supporting digital transformation initiatives.

Course Requirements

No advanced programming or technical development experience is required. The course is designed for participants from managerial, functional, operational, and technical backgrounds.

Participants should ideally have:

- A general understanding of organizational processes and departmental responsibilities.
- Professional experience in management, operations, finance, procurement, technology, or administration.
- An interest in ERP systems, business process improvement, or digital transformation.
- A willingness to participate in practical exercises, case studies, and group discussions.
- Access to a laptop for selected activities and implementation planning exercises.

Previous experience with enterprise systems, business applications, project management, or process analysis may be beneficial but is not mandatory.

Training Methodology

The course uses an interactive, practical, and results-focused training methodology designed to connect ERP principles with real organizational requirements.

The methodology includes:

- Expert-led presentations and structured discussions.
- Real-world ERP implementation case studies.
- Business process mapping exercises.
- Functional and cross-departmental implementation scenarios.
- Vendor and system evaluation activities.
- Data migration, testing, and deployment workshops.
- Project planning and risk assessment exercises.
- Change management and user adoption simulations.
- Group problem-solving and facilitated knowledge exchange.
- Practical tools, templates, and implementation checklists.

- Development of an organizational ERP roadmap.

The training approach emphasizes strategic understanding, operational application, implementation readiness, and measurable institutional value rather than focusing solely on software features.

Learning Outcomes

Upon successful completion of the course, participants will be able to:

- Understand the structure, purpose, and business value of ERP systems.
- Explain how ERP integrates organizational departments, processes, and data.
- Identify opportunities for process standardization and operational improvement.
- Define functional and technical ERP requirements.
- Evaluate ERP platforms, vendors, and implementation options.
- Contribute effectively to ERP planning and project governance.
- Understand the practical requirements of configuration, integration, and data migration.
- Support structured system testing and deployment.
- Identify and manage common ERP implementation risks.
- Promote effective collaboration between business and technology stakeholders.
- Develop user training, communication, and adoption strategies.
- Apply ERP governance, security, and access control principles.
- Monitor system performance and measure organizational benefits.
- Support continuous improvement, upgrades, and ERP modernization.
- Develop a practical ERP implementation or optimization action plan.

Instructor Profile

An internationally certified expert with extensive practical and consulting experience.

The instructor has a strong professional background in enterprise resource planning, business process improvement, digital transformation, project management, system implementation, data governance, organizational change, and performance optimization.

The instructor brings practical experience in supporting government entities, public institutions, and large

corporations through ERP selection, requirements planning, implementation governance, data migration, system deployment, user adoption, and post-implementation improvement.

The training delivery combines strategic insight, practical implementation expertise, international best practices, real-world case studies, and application-focused workshops to provide participants with a highly relevant and results-oriented learning experience.

Contact Us

For registration inquiries, upcoming dates, or group pricing, please contact us:

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