



Enterprise Resource Planning (ERP) Training

17 – 21 January 2027
Sharm El-Sheikh (Egypt)





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Introduction:

Does every department in your organization submit different reports? Do you find understanding your business's challenges difficult due to data mismatches? ERP Enterprise Resource Planning is the answer to most business needs. It is software businesses use to manage the routine activities of all departments of an organization.

Once the day-to-day activities are streamlined, they help boost the company's revenue and productivity. This ERP course by Mercury Training Center will help you drive business productivity. You will also be able to address the tasks and challenges at any stage or module of your business strategy promptly and thus ensure the success of your organization's blueprint.

Enhance your mastery of enterprise systems with our extensive course designed to delve deep into the world of Enterprise Resource Planning ERP. This educational journey is tailored for many professionals. It aims to impart a robust understanding of how ERP systems can be leveraged to streamline operations and augment an organization's efficiency.

Understanding the Importance of ERP Systems:

In the current digital age, understanding the importance of Enterprise Resource Planning ERP systems is quintessential for any aspiring or established business professional. ERP has emerged as a crucial tool for integrating processes across various departments of an organization, providing a single source of truth and enabling efficient data handling.

By learning about ERP, individuals can discover the types of ERP systems, explore the benefits of ERP systems, and even prepare for an ERP certification. Participants will gain valuable insights into ERP implementation procedures and understand the meaning and tools involved in ERP systems.

This course will also highlight the advantages of using an ERP system and define its role in optimizing business operations. Understanding ERP's definition, program structure, and purpose will equip professionals to champion ERP deployment within their organizations, thus ensuring they appreciate the importance of ERP systems in a competitive business environment.

Targeted Groups:

- Business owners.
- Stakeholders.
- Senior Management Team.
- HODs/ Team Leaders.
- Team Members.
- Anyone who wishes to work in ERP for better career opportunities.

Course Objectives:

At the end of this Enterprise Resource Planning ERP course, participants will be able to:

- Understand the strategic impact of ERP on business.
- Understand the importance of ERP and its relationship with the functions in the organization.
- Comprehend issues and decisions made before selecting and implementing ERP.
- Understand ERP as an enabler for the business.
- Experience increased rate of accuracy within the organization.
- Achieve accurate control of inventory.
- Implement better human capital management.
- Utilize customer relationship management effectively.
- Track orders proficiently.
- Make timely decisions due to the availability of precise data.
- Reduce the cost of operations.
- Enhance data integrity and financial controls.
- Eliminate wastage.
- Foster better interpersonal relationships.
- Improve overall productivity.
- Minimize interdepartmental conflicts through accuracy.
- Promote informed decision-making.
- Become a strategic partner to the organization.
- Unlock opportunities for promotion.

Targeted Competencies:

At the end of this Enterprise Resource Planning ERP training, participants competencies will:

- Intro and growth of ERP.
- Understand and map ERP for businesses.
- Successful ERP implementation strategies.
- Familiarization with ERP-related technologies.
- Proficiency in various ERP modules.
- Navigate the post-implementation phases.
- Relationship between ERP and E-commerce.

Course Content:

Unit 1: Introduction and Growth of ERP:

- Intro to ERP.
- Reasons for ERP Adoption.
- Business Process Re-engineering BPR.
- Data Storage and Warehousing.
- Data Mining in ERP.
- ERP in Supply Chain Management.
- Growth of ERP systems.
- Advantages and challenges of ERP.
- Organizational Readiness for ERP.
- Evaluate ERP solutions.
- Overview of ERP modules.

Unit 2: Understanding and Mapping ERP for Businesses:

- Enterprise analysis: Functions and departments.
- Integrating management information.
- Business Modeling Essentials.
- ERP role in business enhancement.
- Detailed Business Process Mapping.
- The process of implementing ERP successfully.
- Hardware and Software requirements for ERP implementation.

Unit 3: ERP Implementation:

- Key Precautions in ERP Implementation.
- Post-implementation strategies.
- Guidelines for successful ERP rollout.

Unit 4: ERP and Its Related Technologies:

- Overview of ERP and its technological allies - Part I.
- An in-depth look at Business Process Re-engineering.
- Implications of Management Information System.
- Explore Executive Information System EIS.
- Overview of ERP and its technological allies - Part II.
- Understand Decision Support Systems DSS.
- Deep dive into Supply Chain Management.

Unit 5: ERP Modules:

- Insight into the ERP Production Module.
- Importance of Plant Maintenance Module.
- Exploring Quality Management within ERP.
- Unpacking the Materials Management Module.
- Significance of the Supply Chain Management Module.
- Navigating Customer Relationship Management CRM.
- Sales and Marketing Dynamics in ERP.
- Financials: ERP Finance and Accounting Module.
- Exploring the Human Resource Module in ERP.

Unit 6: Navigating ERP Implementation:

- The initial phases of ERP Implementation.
- Approaches to Re-evaluation Screening.
- Key Considerations for Package Evaluation.
- Plan and execution: Project Planning Phase.
- Bridge the gaps: Gap Analysis Insights.
- Understand the Hidden Costs of ERP.
- Coordinate with vendors, consultants, and human resources.

Unit 7: Post-Implementation Phases:

- The Re-Engineering and Configuration phase.
- Optimize Implementation Strategies.
- Comprehensive Team Training Programs.
- Streamline Testing procedures.
- Ensure effective End-User Training.
- Maintain Post-Implementation support structures.

Unit 8: ERP and E-Commerce:

- Future trends in ERP.
- The synergy between ERP and the Internet.
- Critical Considerations for ERP Selection.
- Comprehensive Evaluation of ERP systems.
- Tactics for a Successful ERP Implementation.
- Determine Critical Success Factors for ERP rollout.
- Recognize Failure Factors in ERP Implementation.
- Strategies for Integrating ERP into an Organization.

Conclusion:

By the conclusion of this comprehensive course, participants will not only have learned the core concepts defining ERP Enterprise Resource Planning but will also be poised to leverage the advantages of ERP systems for operational excellence and strategic advantage.