Microcredential ERP Training Course

Professional Development Training Course Outline

Category	Enterprise Resource Planning (ERP)	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Microcredential ERP Training Course is designed to equip individuals with the skills and knowledge required to effectively implement, manage, and optimize ERP systems within modern organizations. As businesses increasingly turn to digital transformation to streamline operations and enhance decision-making, understanding the complexities of ERP software has become an essential skill. This course provides a comprehensive learning experience with a focus on the most widely-used ERP systems, such as SAP, Oracle, and Microsoft Dynamics. With practical case studies, hands-on exercises, and real-world applications, participants will gain a deep understanding of ERP modules, their integration, and their impact on business functions.

Upon completing the ERP Training Microcredential, participants will be able to confidently navigate ERP systems, leverage ERP tools for business optimization, and drive successful ERP implementations in diverse industry settings. This course covers essential topics like business process reengineering, supply chain management, financial management, and data analytics, preparing learners for high-demand ERP-related roles in various sectors.

Programme Curriculum

Microcredential ERP Training Course

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Course Duration

10 days

Course Objectives

1. Gain a deep understanding of core ERP concepts, system architecture, and functionality.
2. Learn about integrating ERP systems with existing IT infrastructure, including cloud-based ERP solutions.
3. Master the principles of BPR and its application to ERP systems to improve business efficiency.
4. Develop skills to tailor ERP systems to meet specific business needs.
5. Learn how to manage and analyze data for strategic decision-making.
6. Understand how ERP systems optimize supply chain management and logistics.
7. Explore how ERP software improves financial control, budgeting, and reporting.
8. Gain insights into agile and waterfall project management methods for ERP implementation.
9. Discover the advantages of cloud ERP software in terms of scalability, security, and flexibility.
10. Learn how to use ERP systems to generate detailed business reports and actionable insights.
11. Develop skills for training end-users and offering continuous support during ERP adoption.
12. Learn best practices for managing organizational change during an ERP system rollout.
13. Understand the importance of ERP security, risk management, and compliance with regulatory standards.

Target Audience

1. Aspiring ERP Consultants.
2. IT Professionals.
3. Business Analysts.
4. Supply Chain Managers.
5. Financial Managers and Analysts.
6. Project Managers.
7. SME Owners and Managers.
8. Enterprise IT Teams.

Course Modules

Module 1: Introduction to ERP Systems

- Understanding ERP system components
- Core business functions integrated by ERP
- ERP software types
- ERP implementation lifecycle
- Industry-specific ERP solutions

- Case Study: Successful implementation of SAP in a global retail chain.

Module 2: Business Process Reengineering (BPR)

- Key principles of BPR in ERP
- Identifying areas for business process improvement
- Aligning ERP with business strategy
- Process mapping and modeling
- Measuring performance post-BPR
- Case Study: How ERP transformed a manufacturing company's processes.

Module 3: ERP System Customization

- Customizing ERP features to fit organizational needs
- Configuring modules in ERP software
- User interface design and usability
- Integrating third-party tools with ERP systems
- Ensuring system flexibility for future growth
- Case Study: Customizing Microsoft Dynamics for a large logistics company.

Module 4: Data Management and Analytics in ERP

- ERP data management best practices
- ERP reporting and business intelligence tools
- Advanced data analytics within ERP
- Data security and privacy considerations
- Implementing AI and machine learning in ERP systems
- Case Study: Leveraging ERP data analytics for predictive maintenance in a manufacturing plant.

Module 5: ERP Implementation Strategies

- Steps to successful ERP implementation
- Project scoping, budgeting, and timeline management
- Defining ERP system requirements
- Overcoming common ERP implementation challenges
- Post-implementation support and optimization
- Case Study: A multinational corporation's successful ERP system deployment.

Module 6: Cloud-Based ERP Solutions

- Benefits and challenges of cloud ERP
- SaaS and On-premise ERP deployment models
- Key considerations for cloud ERP adoption
- Cloud-based ERP security concerns
- Future trends in cloud ERP
- Case Study: Transforming HR management with a cloud-based ERP solution.

Module 7: Supply Chain Optimization through ERP

- Streamlining supply chain processes with ERP
- Integrating logistics, procurement, and inventory management
- Real-time tracking and order processing in ERP

- Forecasting demand using ERP tools
- Collaborative tools for supply chain management within ERP
- Case Study: ERP integration for a global supply chain network.

Module 8: Financial Management in ERP

- Managing financials with ERP systems
- Automated financial reporting and audits
- Budgeting and forecasting with ERP tools
- Compliance and regulatory reporting
- ERP and cost reduction strategies
- Case Study: How ERP revolutionized financial reporting for a large enterprise.

Module 9: ERP Project Management

- Managing ERP projects using Agile and Waterfall methodologies
- ERP change control processes
- Risk management in ERP projects
- Collaboration and communication during ERP implementation
- Monitoring and evaluating ERP project progress
- Case Study: Implementing an ERP system using agile project management.

Module 10: ERP Security and Compliance

- Identifying potential security risks in ERP systems
- Securing sensitive data within ERP software
- Compliance with GDPR and other regulations
- User access controls and permissions
- Regular auditing and monitoring within ERP systems
- Case Study: Enhancing ERP security at a financial services company.

Module 11: User Training and Support

- Best practices for training end-users on ERP systems
- Developing comprehensive user manuals and guides
- Setting up help desks and support systems
- Encouraging user adoption and minimizing resistance
- Ongoing training to adapt to ERP updates
- Case Study: Effective user training strategies in a large healthcare organization.

Module 12: Business Intelligence and Reporting

- Leveraging ERP systems for business intelligence
- Generating key performance indicators (KPIs) from ERP data
- Dashboards for real-time decision-making
- Visualizing financial, operational, and sales data
- ERP-based predictive analytics for future planning
- Case Study: Data-driven decision-making with ERP reporting tools.

Module 13: Change Management in ERP Implementation

- Managing resistance to ERP adoption

- Engaging stakeholders during ERP rollouts
- Communication strategies for ERP projects
- Training employees for a smooth transition
- Sustaining change post-implementation
- Case Study: Change management during an ERP upgrade in a multinational company.

Module 14: ERP System Upgrades and Optimization

- When to upgrade your ERP system
- Planning for system upgrades with minimal disruption
- Optimizing ERP performance post-implementation
- Incorporating user feedback into system improvements
- Leveraging new features and tools in modern ERP systems
- Case Study: Upgrading an outdated ERP system for improved customer satisfaction.

Module 15: The Future of ERP Systems

- Emerging trends in ERP technology
- The role of AI, automation, and machine learning in ERP
- Next-gen ERP for small to mid-sized businesses
- Mobility and mobile ERP applications
- Blockchain integration with ERP systems
- Case Study: A glimpse into the future of ERP with IoT and AI-driven capabilities.

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	04 Dec 2026	Online	$2,000
23 Nov 2026	04 Dec 2026	Physical	$3,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$9,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

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