Cloud ERP for Supply Chain Training Course

Professional Development Training Course Outline

Category	Logistics and Supply Chain Management	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Cloud ERP for Supply Chain Training Course is designed to equip professionals with advanced knowledge and practical skills in implementing cloud-based Enterprise Resource Planning systems to optimize supply chain operations. With the rise of digital transformation, businesses increasingly rely on integrated cloud solutions to streamline procurement, inventory, logistics, and production processes. This course emphasizes real-world applications, system configuration, and best practices for maximizing operational efficiency, reducing costs, and enhancing decision-making in supply chain management. Participants will explore emerging trends, including AI-driven analytics, IoT integration, and real-time data monitoring within cloud ERP platforms.

The course combines theoretical knowledge with hands-on practical exercises, case studies, and interactive simulations. Participants will gain expertise in configuring cloud ERP modules, understanding supply chain workflows, and aligning technology solutions with business objectives. By the end of the training, learners will be able to implement, manage, and optimize cloud ERP solutions to achieve supply chain resilience, operational agility, and strategic growth. This program is ideal for supply chain managers, IT professionals, and operational leaders seeking to enhance their digital transformation competencies and drive measurable organizational value.

Programme Curriculum

Cloud ERP for Supply Chain Training Course

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Course Objectives

1. Understand the fundamentals of Cloud ERP and its role in supply chain management.
2. Explore cloud ERP architecture, deployment models, and system integration.
3. Learn to configure procurement, inventory, and warehouse management modules.
4. Analyze supply chain workflows for operational efficiency.
5. Implement real-time data tracking and reporting in cloud ERP systems.
6. Apply AI and IoT technologies within cloud ERP for predictive analytics.
7. Enhance decision-making through cloud-based dashboards and KPIs.
8. Design scalable supply chain processes using ERP automation.
9. Understand security, compliance, and risk management in cloud ERP environments.
10. Develop strategies for ERP adoption and change management.
11. Optimize supplier collaboration and procurement processes.
12. Evaluate ERP performance using metrics and continuous improvement techniques.
13. Solve real-world supply chain challenges through hands-on case studies.

Organizational Benefits

1. Streamlined supply chain processes for faster operational efficiency.
2. Reduced operational costs through automation and integration.
3. Enhanced decision-making via real-time analytics.
4. Improved inventory accuracy and demand forecasting.
5. Optimized procurement and supplier collaboration.
6. Increased agility and responsiveness to market changes.
7. Strengthened data security and regulatory compliance.
8. Reduced risk of operational disruptions.
9. Improved customer satisfaction through efficient order fulfillment.
10. Scalable solutions supporting future business growth.

Target Audiences

1. Supply Chain Managers
2. ERP Implementation Consultants
3. IT Managers and System Administrators
4. Operations and Logistics Coordinators
5. Procurement Professionals
6. Business Analysts

7. Production Managers
8. Digital Transformation Leaders

Course Duration: 5 days

Course Modules

Module 1: Introduction to Cloud ERP

- Fundamentals of cloud ERP in supply chain management
- Cloud vs on-premise ERP systems
- Key benefits and challenges of cloud ERP
- ERP deployment models
- Case Study: Cloud ERP implementation in a manufacturing firm
- Hands-on simulation exercises

Module 2: Procurement and Supplier Management

- Configuring procurement modules
- Supplier onboarding and collaboration
- Purchase order automation
- Cost analysis and supplier performance tracking
- Case Study: Reducing procurement costs with cloud ERP
- Practical exercises in procurement module

Module 3: Inventory and Warehouse Management

- Real-time inventory tracking
- Warehouse configuration and layout optimization
- Stock replenishment strategies
- Integration with procurement and sales modules
- Case Study: Inventory optimization in retail supply chains
- Hands-on ERP warehouse simulation

Module 4: Production and Operations Planning

- Manufacturing module setup
- Demand forecasting and production scheduling
- Work order management
- Resource allocation optimization
- Case Study: Improving production efficiency with ERP
- Practical exercises on production module

Module 5: Logistics and Distribution

- Transportation and route optimization
- Delivery scheduling and tracking
- Integration with inventory and sales modules
- ERP tools for logistics management
- Case Study: Streamlining logistics operations
- Hands-on logistics planning

Module 6: Analytics and Reporting

- Cloud-based dashboards and KPIs
- Generating actionable insights from ERP data
- Predictive analytics for supply chain decisions
- Customizable reporting tools
- Case Study: Decision-making through ERP analytics
- Practical ERP reporting exercises

Module 7: Security, Compliance, and Risk Management

- Data security best practices
- Regulatory compliance for supply chain ERP
- Risk identification and mitigation
- Audit trails and access controls
- Case Study: Compliance management in cloud ERP
- Hands-on security configuration

Module 8: Change Management and ERP Optimization

- ERP adoption strategies
- Training and support for end-users
- Continuous improvement in supply chain processes
- Monitoring ERP performance
- Case Study: Successful ERP rollout and optimization
- Practical change management exercises

Training Methodology

- Interactive lectures with real-world examples
- Hands-on ERP simulations and configuration exercises
- Group discussions and peer learning activities
- Case study analysis for practical application
- Demonstrations of emerging cloud ERP technologies
- Assessment through quizzes and practical tasks

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
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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