Oracle Cloud Integration (OCI) for ERP Training Course

Professional Development Training Course Outline

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

Course Introduction

Oracle Cloud Integration (OCI) for ERP Training Course is meticulously designed to equip professionals with the expertise to streamline enterprise processes, enhance data connectivity, and optimize ERP operations using Oracle Cloud Infrastructure. Participants will gain hands-on experience in implementing seamless integrations, leveraging prebuilt adapters, and harnessing the power of automation and orchestration to enable business efficiency. This course empowers professionals to become OCI-ERP integration specialists, capable of managing complex integrations in modern enterprise environments.

Through a combination of practical case studies, interactive workshops, and expert-led sessions, learners will explore advanced concepts in API management, cloud-to-cloud integration, data migration, and process automation. By the end of this training, participants will be proficient in designing, deploying, and monitoring robust integration flows, ensuring business continuity and reducing operational risk. This course is ideal for professionals seeking to excel in digital transformation initiatives and embrace the future of cloud-native ERP solutions.

Programme Curriculum

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Course Duration

5 days

Course Objectives

1. Understand the architecture and components of Oracle Cloud Integration (OCI).
2. Design and implement secure cloud-to-cloud and cloud-to-on-premises integrations.
3. Utilize prebuilt adapters to accelerate integration with Oracle ERP modules.
4. Develop real-time and batch integration flows using Oracle Integration Cloud.
5. Implement API-led connectivity for ERP and third-party systems.
6. Optimize data migration strategies for ERP transformation projects.
7. Automate business processes using Oracle Integration orchestration tools.
8. Monitor and troubleshoot integration flows for improved performance.
9. Leverage analytics and reporting dashboards to gain actionable insights.
10. Ensure compliance with security and governance standards in integrations.
11. Apply best practices for cloud scalability, reliability, and performance.
12. Gain hands-on experience with practical case studies and real-life scenarios.
13. Enhance career prospects by mastering trending ERP integration skills.

Target Audience

1. ERP Integration Specialists
2. Cloud Solution Architects
3. ERP Consultants (Oracle E-Business Suite, Fusion)
4. IT Managers and Team Leads
5. Business Process Analysts
6. Data Migration and ETL Professionals
7. Application Developers
8. Digital Transformation Professionals

Course Modules

Module 1: Introduction to Oracle Cloud Integration

- Overview of OCI and Oracle Integration Cloud
- Components: Integrations, Adapters, Connections
- Cloud integration types: SaaS, PaaS, On-premise
- Benefits of cloud integration for ERP
- Case Study: Integrating Oracle ERP Cloud with third-party CRM

Module 2: Cloud-to-Cloud Integration

- Designing cloud-native integration flows
- Using prebuilt connectors for ERP modules
- Real-time vs batch processing
- Error handling and retry mechanisms
- Case Study: Automating invoice synchronization between Oracle ERP and Salesforce

Module 3: Cloud-to-On-Premises Integration

- Connecting legacy ERP systems with OCI
- VPN and secure gateway configurations
- Data transformation and mapping strategies
- Monitoring and troubleshooting integration flows
- Case Study: Migrating on-premise HR data to Oracle Fusion Cloud

Module 4: API Management for ERP

- Designing and deploying REST/SOAP APIs
- Securing APIs with authentication and encryption
- API versioning and lifecycle management
- Integration with Oracle ERP modules
- Case Study: API-driven automation for procurement processes

Module 5: Data Migration & Transformation

- Extract, Transform, Load (ETL) techniques
- Bulk and incremental data migration
- Data validation and reconciliation
- Automating migration tasks
- Case Study: Migrating financial records from legacy ERP to Oracle Fusion

Module 6: Process Automation & Orchestration

- Workflow design in Oracle Integration Cloud
- Business rules and decision automation
- Event-driven automation for ERP
- Monitoring and reporting workflow execution
- Case Study: Automating purchase-to-pay process for multinational organizations

Module 7: Monitoring, Troubleshooting & Optimization

- Integration flow monitoring dashboards
- Error detection and alert mechanisms
- Performance tuning techniques
- Log analysis and root cause identification
- Case Study: Optimizing order-to-cash integration flows for a global retailer

Module 8: Best Practices & Advanced Scenarios

- Security and compliance guidelines
- Scalability and high availability strategies
- Cloud governance and lifecycle management
- Advanced integration patterns

- Case Study: End-to-end integration strategy for enterprise-wide ERP modernization

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

Start Date	End Date	Location	Price
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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