Robotic Process Automation (RPA) for ERP Tasks 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

In the rapidly evolving digital landscape, organizations are increasingly leveraging Robotic Process Automation (RPA) to optimize ERP systems, streamline workflows, and enhance operational efficiency. Robotic Process Automation (RPA) for ERP Tasks Training Course is designed for professionals seeking to acquire practical RPA skills, enabling them to automate repetitive ERP tasks, reduce manual errors, and accelerate decision-making. Participants will gain hands-on experience with leading RPA tools, learning how to integrate automation seamlessly into complex enterprise resource planning processes, ultimately driving digital transformation and process excellence.

With the surge in demand for automation specialists, this course equips learners with actionable insights into intelligent automation, process optimization, and business process reengineering. By the end of the program, participants will be able to design, develop, and deploy RPA bots to handle ERP tasks such as data migration, invoice processing, payroll automation, and report generation. The course emphasizes real-world applications through case studies, ensuring participants leave with not just theoretical knowledge but industry-ready skills that can deliver measurable ROI in their organizations.

Programme Curriculum

Robotic Process Automation (RPA) for ERP Tasks Training Course

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Course Duration

5 days

Course Objectives

1. Understand the fundamentals of RPA and ERP integration.
2. Analyze business processes for automation potential.
3. Develop RPA bots to automate repetitive ERP tasks.
4. Implement end-to-end automation in finance, HR, and supply chain modules.
5. Gain hands-on expertise with leading RPA tools
6. Apply intelligent process automation for data validation and reporting.
7. Enhance workflow efficiency and reduce operational costs.
8. Integrate RPA with ERP platforms like SAP, Oracle, and Microsoft Dynamics.
9. Conduct risk assessment and ensure compliance in automation.
10. Monitor, maintain, and optimize automated processes for continuous improvement.
11. Learn troubleshooting and exception handling in RPA workflows.
12. Leverage analytics and dashboards to measure automation ROI.
13. Develop industry-ready skills to become a certified RPA practitioner.

Target Audience

1. ERP Consultants and Analysts
2. Business Process Managers
3. IT Professionals and Developers
4. Finance and Accounting Executives
5. HR and Payroll Specialists
6. Supply Chain and Operations Managers
7. Automation Enthusiasts and RPA Aspirants
8. Project Managers driving digital transformation initiatives

Course Modules

Module 1: Introduction to RPA & ERP Integration

- Overview of RPA and ERP systems
- Benefits of automation in ERP processes
- Key RPA tools in the market
- RPA vs traditional scripting
- Case Study: Automating invoice processing in SAP

Module 2: Process Identification & Assessment

- Identifying repetitive ERP tasks
- Evaluating automation feasibility
- Prioritizing high-impact processes
- Process mapping and documentation
- Case Study: Streamlining purchase order approvals in Oracle

Module 3: RPA Development Basics

- Designing bots with UiPath/Automation Anywhere
- Understanding workflows and sequences
- Variables, arguments, and control structures
- Exception handling fundamentals
- Case Study: Automating payroll data entry in Microsoft Dynamics

Module 4: Advanced RPA Design & Orchestration

- End-to-end automation strategies
- Multi-system integration
- Orchestrator setup and management
- Error handling and logging best practices
- Case Study: Automating multi-department report generation

Module 5: ERP-Specific Automation Use Cases

- Finance & accounting automation
- HR and payroll processes
- Inventory and supply chain workflows
- Customer data management
- Case Study: Automating vendor reconciliation in SAP

Module 6: RPA Analytics & Optimization

- Monitoring bot performance
- Key metrics for automation success
- Continuous improvement strategies
- ROI assessment
- Case Study: Optimizing reporting automation in Oracle ERP

Module 7: Security, Compliance & Governance

- Data privacy considerations
- RPA security protocols
- Audit trails and documentation
- Regulatory compliance in automation
- Case Study: Ensuring GDPR compliance during payroll automation

Module 8: Capstone Project & Real-Time Implementation

- End-to-end ERP automation project
- Team collaboration & bot deployment

- Troubleshooting live issues
- Presentation of automation impact
- Case Study: Full-scale ERP process automation in a manufacturing firm

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

Start Date	End Date	Location	Price
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

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Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com