SAP S/4HANA Asset Management 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

SAP S/4HANA Asset Management Training Course is meticulously designed to empower professionals with advanced skills in enterprise asset management, predictive maintenance, and digital transformation strategies. This comprehensive course leverages cutting-edge SAP S/4HANA functionalities, integrating real-time analytics, IoT-driven asset monitoring, and intelligent asset lifecycle management. Participants will gain hands-on expertise in optimizing asset performance, minimizing downtime, and enhancing operational efficiency through AI-powered maintenance, cloud integration, and industry best practices.

Through this program, learners will master critical components of SAP S/4HANA Asset Management, including equipment management, preventive and predictive maintenance, and strategic asset planning. The curriculum emphasizes practical application, case-based learning, and scenario-driven exercises to ensure immediate workplace relevance. Professionals from diverse sectors such as manufacturing, utilities, oil & gas, and transportation will acquire actionable insights, compliance management techniques, and advanced reporting skills to drive data-backed decision-making and operational excellence.

Programme Curriculum

SAP S/4HANA Asset Management Training Course

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Course Duration

5 days

Course Objectives

1. Understand SAP S/4HANA Asset Management architecture and ecosystem.
2. Implement preventive, predictive, and corrective maintenance strategies.
3. Leverage IoT integration for real-time asset monitoring and alerts.
4. Optimize asset lifecycle management for cost efficiency and reliability.
5. Master equipment and technical object management.
6. Apply AI and ML analytics for predictive maintenance and asset performance.
7. Conduct root cause analysis and failure mode effects analysis (FMEA).
8. Integrate asset management with Finance (FI) and Controlling (CO) modules.
9. Manage spare parts, procurement, and inventory efficiently.
10. Develop KPIs, dashboards, and advanced reporting for asset performance.
11. Ensure compliance with industry regulations and sustainability standards.
12. Execute end-to-end asset project planning and execution.
13. Solve real-world asset management challenges through case study simulations.

Target Audience

1. Asset Managers and Maintenance Engineers
2. SAP Functional Consultants
3. Operations and Production Managers
4. Plant and Facility Managers
5. IT and SAP System Administrators
6. Reliability and Maintenance Analysts
7. Project Managers in Manufacturing and Utilities
8. Supply Chain and Procurement Professionals

Course Modules

Module 1: Introduction to SAP S/4HANA Asset Management

- Overview of SAP S/4HANA capabilities for asset-intensive industries
- Asset lifecycle management concepts
- Integration with enterprise systems (Finance, Procurement, Operations)
- Key features of Intelligent Asset Management
- Case Study: Asset management transformation in a manufacturing plant

Module 2: Equipment and Technical Object Management

- Creating and managing equipment master data
- Functional location hierarchy setup

- Technical object categorization and classification
- Tracking asset history and changes
- Case Study: Equipment master optimization in utilities

Module 3: Maintenance Planning and Scheduling

- Preventive, predictive, and corrective maintenance planning
- Maintenance task lists and work orders
- Resource and labor allocation
- Calendar and scheduling optimization
- Case Study: Reducing downtime in oil & gas operations

Module 4: Predictive Maintenance and IoT Integration

- Sensor data acquisition and condition monitoring
- IoT device connectivity with SAP S/4HANA
- Predictive analytics for asset failure detection
- Alerts and automated maintenance triggers
- Case Study: Predictive maintenance in manufacturing plants

Module 5: Asset Procurement and Inventory Management

- Managing spare parts and inventory levels
- Integration with SAP MM and procurement processes
- Cost tracking and reporting
- Supplier and vendor management
- Case Study: Inventory optimization in transportation sector

Module 6: Performance Monitoring and Analytics

- Key performance indicators (KPIs) for asset management
- Custom dashboards and SAP Fiori apps
- Reporting for compliance and efficiency
- Advanced analytics using SAP Analytics Cloud
- Case Study: Performance monitoring in energy sector

Module 7: Compliance and Risk Management

- Regulatory compliance tracking
- Safety standards and auditing
- Risk assessment and mitigation planning
- Incident reporting and corrective actions
- Case Study: Compliance implementation in chemical industry

Module 8: Project Execution and Best Practices

- End-to-end asset project management
- Best practices for asset optimization
- Lessons learned from industry case studies
- Change management and adoption strategies
- Case Study: Digital transformation of asset operations

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
23 Nov 2026	27 Nov 2026	Physical	$3,000

Start Date	End Date	Location	Price
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

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