SAP MM Hands-On Procurement Lab 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

The SAP Materials Management (MM) module is one of the core components of SAP ERP that integrates procurement, inventory management, and materials planning functions. As businesses grow increasingly complex, mastering SAP MM is essential for professionals aiming to streamline procurement processes and improve supply chain efficiencies. SAP MM Hands-On Procurement Lab Training Course is designed to provide practical knowledge, industry insights, and comprehensive hands-on experience, equipping participants with the tools to optimize procurement processes within SAP environments. With a focus on real-world application and interactive learning, this course aims to enhance learners' capabilities in managing procurement cycles, inventory controls, and vendor relationships effectively.

This training focuses on the end-to-end procurement process in SAP MM, ranging from purchase requisitions and purchase orders to goods receipt and invoice verification. Through a well-rounded combination of theory and practical, case-based learning, participants will gain expertise in handling procurement scenarios, vendor management, and inventory controls. By the end of this course, learners will not only understand the technical aspects of the SAP MM module but will also be equipped to tackle real-time procurement challenges in any organization.

Programme Curriculum

SAP MM Hands-On Procurement Lab Training Course

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Course Duration

10 days

Course Objectives

1. Understand SAP MM module architecture and procurement lifecycle.
2. Learn how to create and manage purchase requisitions (PR) in SAP MM.
3. Master purchase order (PO) processing and vendor management.
4. Gain proficiency in managing goods receipt (GR) and invoice verification (IV).
5. Develop expertise in material planning and inventory management.
6. Learn how to use MRP (Material Requirements Planning) in procurement.
7. Understand vendor evaluation processes and supplier relationship management.
8. Get hands-on experience in configuring and using SAP S/4HANA MM capabilities.
9. Explore procurement reporting tools and data analytics within SAP MM.
10. Master integration between SAP MM and other SAP modules such as SAP SD (Sales and Distribution) and SAP WM (Warehouse Management).
11. Gain practical skills in managing stock transfers and inventory valuation.
12. Implement strategic sourcing and best practices in procurement.
13. Learn how to improve procurement efficiency using SAP Fiori apps.

Target Audience

1. Procurement Managers and Supply Chain Professionals.
2. SAP Functional Consultants looking to specialize in SAP MM.
3. SAP Technical Consultants aiming to enhance MM module knowledge.
4. Business Analysts involved in procurement and materials management.
5. IT professionals seeking to integrate SAP MM with other modules.
6. Manufacturing and Warehouse Managers using SAP.
7. Purchasing Coordinators or Buyers in industries utilizing SAP MM.
8. SAP enthusiast’s eager to develop hands-on experience in SAP MM.

Course Modules

Module 1: Introduction to SAP MM

- Overview of SAP MM architecture and components.
- Integration of SAP MM with other SAP modules.

- SAP MM data structures and master data.
- Introduction to procurement process in SAP.
- Case Study: SAP MM in the automotive industry.

Module 2: SAP MM Master Data

- Configuring Material Master Data.
- Vendor Master Data creation and maintenance.
- Configuring Purchasing Info Records.
- Material Types and Valuation Classes.
- Case Study: Managing supplier master data for better sourcing.

Module 3: Procurement Process Overview

- Purchase Requisition (PR) process.
- Purchase Order (PO) creation and management.
- Source determination and supplier selection.
- Delivery and Goods Receipt (GR) process.
- Case Study: Managing complex procurement for multi-location distribution.

Module 4: Invoice Verification and Payment

- Invoice verification in SAP MM.
- Handling discrepancies in invoice verification.
- Payment processing and integration with SAP FI.
- SAP MM integration with accounts payable.
- Case Study: Managing invoice disputes and discrepancies.

Module 5: Material Planning and MRP

- Introduction to Material Requirements Planning (MRP).
- Setting up MRP in SAP.
- Handling planned and unplanned procurement.
- MRP forecasting and demand planning.
- Case Study: Effective material planning in a retail environment.

Module 6: Goods Receipt and Stock Management

- Goods receipt process in SAP MM.
- Stock types and stock valuation.
- Managing inventory discrepancies.
- Physical inventory vs. cycle counting.
- Case Study: Optimizing warehouse stock management.

Module 7: Vendor Evaluation and Reporting

- Vendor evaluation using SAP MM.
- Procurement reporting tools and analytics.
- Monitoring vendor performance.
- Integration with SAP Business Warehouse (BW).
- Case Study: Vendor performance improvement strategies.

Module 8: SAP S/4HANA MM Capabilities

- Overview of SAP S/4HANA and its capabilities.
- Benefits of using SAP S/4HANA for procurement.
- SAP Fiori apps for procurement and MM processes.
- Data migration and conversion strategies for MM.
- Case Study: Transitioning from SAP ECC to SAP S/4HANA for procurement.

Module 9: Strategic Sourcing and Supplier Management

- Principles of strategic sourcing.
- Best practices in supplier relationship management.
- SAP tools for supplier collaboration.
- Procurement negotiations and supplier contracts.
- Case Study: Implementing strategic sourcing in a global supply chain.

Module 10: Inventory Management

- Inventory control and valuation methods in SAP MM.
- Stock transfers and goods movements.
- Batch management and handling special stocks.
- Inventory adjustments and reporting.
- Case Study: Managing inventory for a high-volume manufacturing plant.

Module 11: Stock Transfers and Movement Types

- Understanding stock transfers between locations.
- Using movement types in SAP MM.
- Cross-plant stock transfers and inventory tracking.
- Handling special stocks and consignment stocks.
- Case Study: Cross-country stock transfers in a multinational corporation.

Module 12: Procurement Reporting and Analytics

- Introduction to procurement analytics in SAP MM.
- Key performance indicators (KPIs) for procurement.
- Using SAP BW for procurement reporting.
- SAP MM reporting tools for purchase order tracking.
- Case Study: Analyzing procurement data for cost reduction.

Module 13: Procurement Contract Management

- Introduction to SAP MM contract management.
- Types of procurement contracts in SAP.
- Managing long-term agreements and frameworks.
- Evaluating and renewing procurement contracts.
- Case Study: Managing service contracts and vendor agreements.

Module 14: SAP MM Integration with Other Modules

- Integration with SAP SD for sales order processing.
- SAP MM and WM integration for warehouse management.

- Integration with SAP FI/CO for financial transactions.
- Cross-functional integration in a typical business environment.
- Case Study: End-to-end process integration for an e-commerce company.

Module 15: SAP MM Advanced Features

- Advanced customization and configuration of SAP MM.
- Automating procurement processes with SAP.
- Using SAP Fiori for advanced procurement functionalities.
- Advanced reporting and data analytics for procurement.
- Case Study: Leveraging SAP MM for supply chain optimization.

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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