



Academia **(MM)**
Material Management

TSCM50
TSCM52

El módulo de SAP Material Management comúnmente llamado MM, administra y controla los materiales y servicios de la organización. Es decir, participa dentro del proceso de una organización desde que surge la necesidad de compra de un material / servicio hasta que el mismo es recibido / consumido, y finalmente facturado.

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COURSE DESCRIPTION

TSCM50 SAP ERP Procurement Academy I

Unit 1: Procurement Processes

- Lesson: Defining Processes and Organizational Levels in Procurement
- Lesson: Maintaining Purchase Orders
 - Exercise 1: Create and Display a Purchase Order
 - Exercise 2: Execute Print Outputs for Purchase Orders
- Lesson: Posting Goods Receipts
 - Exercise 3: Post a Goods Receipt
- Lesson: Entering Invoices
 - Exercise 4: Enter an Invoice

Unit 2: Master Data

- Lesson: Maintaining Vendor Master Records
 - Exercise 5: Create a Vendor Master Record
- Lesson: Maintaining Material Master Records
 - Exercise 6: Create a Material Master Record
 - Exercise 7: Extend a Material Master Record
- Lesson: Using Entry Aids for Master Data Maintenance
 - Exercise 8: Maintain Material Master Data Using Entry Aids
- Lesson: Performing Mass Maintenance

Unit 3: Stock Material Procurement

- Lesson: Applying Conditions in Purchasing
- Lesson: Handling Requests for Quotations and Quotation Processes
 - Exercise 9: Create Requests for Quotations
 - Exercise 10: Enter Incoming Quotations
- Lesson: Creating Purchase Orders with Reference
 - Exercise 11: Create a Purchase Order with Reference
- Lesson: Maintaining Purchasing Info Records
 - Exercise 12: Maintain Purchasing Info Records
- Lesson: Analyzing Material Valuation
- Lesson: Posting Goods Receipts for Purchase Orders
 - Exercise 13: Post Goods Receipts for Purchase Orders
- Lesson: Entering Invoices with Reference to Purchase Orders
 - Exercise 14: Enter an Invoice with Reference to a Purchase Order

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COURSE DESCRIPTION

Unit 4: Consumable Material Procurement

- Lesson: Purchasing Consumable Materials
- Lesson: Creating Purchase Requisitions
 - Exercise 15: Create Purchase Requisitions
- Lesson: Creating Purchase Orders with Reference to Purchase Requisitions
 - Exercise 16: Create a Purchase Order with Reference to a Purchase Requisition
 - Exercise 17: Enter an Order Acknowledgment
- Lesson: Entering Valuated and Non-Valuated Goods Receipts
 - Exercise 18: Enter Goods Receipts for Consumable Materials
- Lesson: Creating Blanket Purchase Orders
 - Exercise 19: Create a Blanket Purchase Order

Unit 5: External Services Procurement

- Lesson: Maintaining Master Data for External Services
 - Exercise 20: Maintain Master Data for External Services
- Lesson: Ordering Services
 - Exercise 21: Create a Purchase Order for Services
- Lesson: Creating Service Entries and Verifying Invoices
 - Exercise 22: Create a Service Entry Sheet
 - Exercise 23: Enter an Invoice for a Service Purchase Order

Unit 6: Reporting and Analytics

- Lesson: Using Standard Reports
 - Exercise 24: Run List Displays for Purchase Orders
 - Exercise 25: Run the List of Material Documents
- Lesson: Performing Standard Analyses in the Logistics Information System
 - Exercise 26: Perform Standard Analyses in the Logistics Information System

Unit 7: Consumption-Based Planning

- Lesson: Describing the Material Requirements Planning (MRP) Process
- Lesson: Defining MRP Procedures
- Lesson: Maintaining the Material Master
 - Exercise 27: Create a Material Master Record
- Lesson: Setting Up a Reorder Point Planning
 - Exercise 28: Run Reorder Point Planning

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COURSE DESCRIPTION

Unit 8: The Planning Run

Lesson: Describing the Planning Run

Lesson: Executing a Planning Run

Exercise 29: Execute a Planning Run

Lesson: Converting Planning Results

Exercise 30: Convert Planning Results

Lesson: Evaluating the Planning Results

Exercise 31: Evaluate and Process the Planning Result

Lesson: Calculating Lot Sizes

Exercise 32: Apply Lot-Sizing Procedures

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COURSE **DESCRIPTION**

TSCM50
SAP ERP Procurement Academy I

Unit 1: Sources of Supply and Conditions

- Lesson: Creating Purchasing Info Records
 - Exercise 1: Create a Purchasing Info Record
 - Exercise 2: Create Texts in Info Records
- Lesson: Creating Special Info Records
 - Exercise 3: Create Info Records for Material Groups
 - Exercise 4: Create a Purchase Order
- Lesson: Using Special Functions in Info Records
 - Exercise 5: Analyze the Buyer Negotiation Sheet
 - Exercise 6: Perform Price Changes
- Lesson: Creating Central Contracts
 - Exercise 7: Create a Centrally Agreed Contract and Issue Release Orders
- Lesson: Creating Scheduling Agreements Without Release Documentation
 - Exercise 8: Create Scheduling Agreement Without Release Documentation
- Lesson: Creating Scheduling Agreements with Release Documentation
 - Exercise 9: Create Scheduling Agreement with Release Documentation

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COURSE DESCRIPTION

Unit 2: Source Determination

- Lesson: Controlling Source Determination with Source Lists
 - Exercise 10: Create Purchase Requisitions Without Source List
 - Exercise 11: Create Purchase Requisitions with Source List
- Lesson: Maintaining Source Lists
 - Exercise 12: Create Purchase Requisitions in the Planning Run
- Lesson: Controlling Source Determination with Quota Arrangements
 - Exercise 13: Examine Source Determination with Quota Arrangements
- Lesson: Executing the Planning Run with Quota Arrangements
 - Exercise 14: Examine Source Determination with Quota Arrangements in the Planning Run
 - Exercise 15: Examine Stock Transfer with Quota Arrangement
- Lesson: Identifying Additional Aspects of Source Determination
 - Exercise 16: Define Priorities in Source Determination
- Lesson: Blocking Sources of Supply
 - Exercise 17: Block Sources of Supply
- Lesson: Creating Purchase Orders with Source Determination
 - Exercise 18: Create Purchase Orders with Source Determination

Unit 3: Optimized Purchasing

- Lesson: Processing Unassigned Purchase Requisitions
 - Exercise 19: Assign and Process Purchase Requisitions
- Lesson: Processing Assigned Purchase Requisitions
 - Exercise 20: Process Assigned Purchase Requisitions
 - Exercise 21: Create Purchase Orders Automatically
- Lesson: Monitoring Purchase Orders
 - Exercise 22: Perform Order Monitoring

Unit 4: Document Release Procedure

- Lesson: Releasing Purchasing Documents
 - Exercise 23: Release Purchase Requisitions
- Lesson: Converting Released Purchase Requisitions
 - Exercise 24: Create and Release Purchase Orders
- Lesson: Configuring Release Procedures in Customizing
 - Exercise 25: Check Settings for Release Procedures
- Lesson: Creating Release Procedures
 - Exercise 26: Create a New Release Procedure

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COURSE DESCRIPTION

Unit 5: Specific Procurement Processes

- Lesson: Creating Invoices Using Invoice Plans
- Exercise 27: Process an Invoicing Plan
- Lesson: Deploying Additional Special Procurement Processes
- Exercise 28: Create Purchase Requisitions
- Exercise 29: Convert Purchase Requisitions

Unit 6: Invoice Entry

- Lesson: Introducing Invoice Verification
- Lesson: Working with Logistics Invoice Verification
- Exercise 30: Post an Invoice
- Exercise 31: Use Different Types of Invoice Verification
- Lesson: Parking of Documents
- Exercise 32: Park an Invoice
- Lesson: Applying Taxes, Cash Discounts, and Foreign Currencies
- Exercise 33: Enter Taxes
- Exercise 34: Enter Cash Discount Information
- Exercise 35: Post an Invoice in Foreign Currency
- Lesson: Creating Invoices for Purchase Orders with Account Assignment
- Exercise 36: Enter an Invoice for a Purchase Order with Account Assignment
- Exercise 37: Enter an Invoice for a Blanket Purchase Order

Unit 7: Variances and Invoice Blocks

- Lesson: Entering Invoices with Variances and Handling of Blocking Reasons
- Exercise 38: Enter Invoices with Variances
- Exercise 39: Block an Invoice Manually
- Lesson: Reducing Invoices
- Exercise 40: Reduce an Invoice
- Lesson: Handling of Variances Without Reference to an Item
- Exercise 41: Post an Invoice with a Tolerated Variance
- Lesson: Releasing Blocked Invoices
- Exercise 42: Release Blocked Invoices

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COURSE DESCRIPTION

Unit 8: Subsequent Debit/Credit, Delivery Costs, Credit Memos

Lesson: Entering Subsequent Debits/Credits

Exercise 43: Enter a Subsequent Debit

Lesson: Entering Delivery Costs

Exercise 44: Enter Planned Delivery Costs

Exercise 45: Enter Unplanned Delivery Costs

Lesson: Entering Invoices Without Reference to a Purchase Order

Exercise 46: Enter an Invoice Without Reference to a Purchase Order

Lesson: Handling Credit Memos and Reversals

Exercise 47: Enter a Credit Memo

Exercise 48: Cancel an Invoice

Unit 9: Automated processes in Invoice Verification

Lesson: Performing Automatic Settlements

Exercise 49: Create Invoices Automatically from Goods Receipt Data

Unit 10: GR/IR Account Maintenance

Lesson: Performing GR/IR Account Maintenance

Exercise 50: Use GR/IR Account Maintenance Functions

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COURSE DESCRIPTION

TSCM52 SAP ERP Procurement Academy II

Unit 1: Introduction to Inventory Management

Lesson: Defining Inventory Management and Physical Inventory

Lesson: Moving Goods with the MIGO Transaction

Exercise 1: Maintain Default Values in Transaction MIGO

Exercise 2: Hold and Post a GR

Unit 2: Goods Receipts (GRs)

Lesson: Posting a GR Without Reference

Exercise 3: Post a GR Without Reference

Exercise 4: Post a Free-of-Charge Delivery

Lesson: Posting a GR with Reference

Exercise 5: Post a GR with Reference to a Production Order

Exercise 6: Post a GR with Reference to a PO into Stock in Quality Inspection

Exercise 7: Post a GR with Reference to a PO in GR Blocked Stock

Lesson: Posting a GR with Automatic Generation of a PO

Exercise 8: Post a GR with the Generation of a PO

Lesson: Posting Cancellations, Return Deliveries, and Returns

Exercise 9: Post a Cancellation with Reference to a Material Document

Exercise 10: Post a Return Delivery to a Vendor

Exercise 11: Enter a Return for a PO

Lesson: Applying Order Price Unit in Inventory Management

Exercise 12: Enter the GR for PO item for Which the PO Price Unit Differs from the Order Unit

Lesson: Applying Tolerances and the Delivery Completed Indicator

Exercise 13: Test the Automatic and Manual Settings of the Delivery Completed Indicator

Lesson: Adding Date Checks to GRs for a PO

Exercise 14: Enter a GR for a Material with the Minimum Shelf Life Expiration Date

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COURSE DESCRIPTION

Unit 3: Stock Transfers and Transfer Postings

Lesson: Performing Transfer Postings

Exercise 15: Enter a Stock-to-Stock Transfer Posting

Exercise 16: Enter a Material-to-Material Transfer Posting

Lesson: Performing Stock Transfers Between Storage Locations

Exercise 17: Post a Stock Transfer Between Storage Locations
in Two Steps

Lesson: Performing Stock Transfers Between Plants

Exercise 18: Post Stock Transfers Between Plants

Unit 4: Reservations

Lesson: Creating Manual Reservations

Exercise 19: Create Reservations Manually

Exercise 20: Enter a Stock Transfer with Reference to
Reservations

Lesson: Evaluating Reservations

Exercise 21: Manage Reservations

Exercise 22: Delete Reservations

Unit 5: Goods Issues (GIs)

Lesson: Posting Unplanned GIs

Exercise 23: Post Unplanned GIs

Exercise 24: Post a GI with Reference to a Bill of Material (BOM)

Lesson: Posting a GI with Reference

Exercise 25: Post GIs with References

Unit 6: Special Forms of Procurement and Special Stocks

Lesson: Performing the Process of Subcontracting

Exercise 26: Provide Components to a Subcontractor

Exercise 27: Create and Analyze a Subcontract PO

Exercise 28: Post a GR to a Subcontract PO and Further Goods
Movements for Subcontracting Stock

Lesson: Performing Vendor Consignment

Exercise 29: Analyze Consignment Stock

Exercise 30: Perform the PO Process for Vendor Consignment

Exercise 31: Post a Transfer Posting to Consignment Stock

Exercise 32: Post a GI from Consignment Stock and Settle the
Liabilities

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Unit 7: Physical Inventory

- Lesson: Conducting Physical Inventory
 - Exercise 33: Conduct a Physical Inventory with Recount
- Lesson: Analyzing the Determination of Book Inventory
 - Exercise 34: Conduct a Physical Inventory with Posting Block
- Lesson: Simplifying Physical Inventory
 - Exercise 35: Create and Run a Batch Input Session to Create Physical Inventory Documents

Unit 8: Analyses

- Lesson: Applying Stock Lists and Document Lists
 - Exercise 36: Display Document Lists
 - Exercise 37: Verify Stock Lists
- Lesson: Applying Periodic Processing

Unit 9: Customizing

- Lesson: Implementing Settings for Documents
- Lesson: Setting Up Movement Types
 - Exercise 38: Create a New Movement Type
- Lesson: Applying Other Customizing Settings
 - Exercise 39: Check the Customizing Settings for Transaction MIGO

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COURSE DESCRIPTION

TSCM52 SAP ERP Procurement Academy II

Unit 1: Organizational Units

- Lesson: Defining Organizational Units in Materials Management
- Exercise 1: Define Organizational Units in Purchasing
- Lesson: Defining and Assigning Plants
- Exercise 2: Set Up a New Plant

Unit 2: Master Data

- Lesson: Setting Up Material Master Records
- Lesson: Creating Material Types
- Exercise 3: Create Material Types
- Lesson: Setting Up Field Selection for Material Master Records
- Lesson: Defining Field References for Material Master Records
- Exercise 4: Adjust Settings for Field Selection
- Lesson: Defining Settings for Vendor Master Records
- Exercise 5: Define Settings for Vendor Master Records

Unit 3: Valuation and Account Assignment

- Lesson: Describing Automatic Account Determination
- Exercise 6: Describe Settings for Automatic Account Determination
- Lesson: Determining the Relevance of Company Codes and Valuation Areas
- Exercise 7: Group Valuation Areas
- Lesson: Creating Valuation Classes and Account Category References
- Exercise 8: Create Valuation Classes and Account Category References
- Lesson: Setting Up Account Determination for Specific Transactions
- Exercise 9: Set Up Account Determination for Specific Transactions
- Lesson: Subdividing a Transaction with the Account Grouping Code
- Exercise 10: Subdivide a Transaction in Account Determination with the Account Grouping Code
- Lesson: Adjusting Account Determination for Special Cases
- Exercise 11: Adjust Account Determination for Special Cases
- Lesson: Adjusting Settings for Split Valuation
- Exercise 12: Adjust Settings for Split Valuation

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Unit 4: Special Features of Material Valuation

Lesson: Posting Goods Movements for Material Types UNBW and NLAG

Exercise 13: Create a PO and Enter Goods Movements for Nonvaluated Material

Unit 5: Purchasing Document Types

Lesson: Analyzing Special Aspects in Customizing

Exercise 14: Manage System Messages

Exercise 15: Apply User EVO Parameters

Lesson: Defining Function Authorizations for Buyers

Exercise 16: Apply User EFB Parameters

Unit 6: Purchasing

Lesson: Creating Document Types in Purchasing

Exercise 17: Create Document Types in Purchasing

Lesson: Using Document Types in Purchasing

Exercise 18: Use Document Types in Purchasing

Lesson: Creating Account Assignment Categories

Exercise 19: Create Account Assignment Categories

Lesson: Adjusting the Screen Layout of Purchasing Documents

Exercise 20: Adjust the Screen Layout of Purchasing Documents

Lesson: Controlling the Output of Messages in Purchasing

Exercise 21: Maintain Message Schema and Message Types

Lesson: Using Condition Technique for Message Determination

Exercise 22: Create Condition Records and Message Types