

C_TS452: SAP S/4HANA Sourcing and Procurement (MM)

Configure and run procurement and inventory in SAP S/4HANA, and prepare for the SAP Certified Associate exam in sourcing and procurement.

DURATION

6 days · 48 hours

LEVEL

Intermediate

CURRICULUM

19 modules · 16 labs

DELIVERY

Live online, Onsite,
Corporate

Course overview

Materials management keeps a business supplied: it buys the right goods at the right price, receives and stores them, and makes sure every movement is valued correctly in finance. SAP S/4HANA Sourcing and Procurement remains one of the most requested SAP skills in Indian manufacturing, retail and consulting. This six-day course teaches it through configuration and practice.

Day one sets up the organisational structure — plants, storage locations, purchasing organisations and groups — and the master data that procurement depends on: the material master, business partners for suppliers and purchasing info records. Day two works through the purchasing cycle: requisitions, requests for quotation, purchase orders, contracts and scheduling agreements, source lists and quota arrangements.

Day three goes deeper into purchasing configuration: document types, number ranges, field selection, release strategies, conditions and pricing procedures, and output. Day four covers inventory management: goods receipts, goods issues, transfer postings, stock types, special stocks such as consignment and subcontracting, reservations and physical inventory.

Day five explains valuation and account determination — valuation areas and classes, price control, the material ledger and automatic account assignment — and then logistics invoice verification, tolerances, blocked invoices and GR/IR clearing. Day six introduces MRP basics and consumption-based planning, then closes with an exam readiness session.

This course is aligned to the SAP Certified Associate exam in SAP S/4HANA sourcing and procurement (base code C_TS452). Ace Skills is not an SAP partner and does not use official SAP courseware. Exam codes carry a release suffix, so please confirm the current code on SAP Learning before booking.

Highlights

- 48 hours of live, trainer-led sessions
- Configuration labs in an SAP S/4HANA training system
- Purchasing, release strategies and sourcing
- Inventory management, valuation and account determination
- Invoice verification, MRP basics and exam practice

What's included

- SAP S/4HANA training system access with configuration rights
- Full procure-to-pay cycle labs
- Release strategy and pricing procedure configuration
- Inventory, special stocks and physical inventory practice
- Valuation and automatic account determination deep dive
- Logistics invoice verification and GR/IR clearing
- Practice questions mapped to the exam topic areas

- Course completion certificate from Ace Skills Consulting
- Post-training doubt support

Who this course is for

Who should attend

- Aspiring SAP MM consultants
- Purchasing, stores and supply chain professionals moving into SAP
- Procurement key users and super users on S/4HANA projects
- SAP ECC MM consultants upgrading to S/4HANA
- Engineering and commerce graduates targeting SAP logistics roles

Prerequisites

- General understanding of purchasing and inventory processes
- Basic SAP navigation, or completion of our SAP S/4HANA Overview course

Detailed curriculum — 6 days, 48 hours, 19 modules, 16 hands-on labs

Day 1 Organisational Structure and Master Data

8 hours

1.1 Procurement in S/4HANA

- Sourcing and procurement process overview
- Fiori apps for buyers and warehouse clerks
- Integration with FI, SD and PP
- S/4HANA changes compared with ECC
- Implementation guide basics

1.2 Organisational structure

- Plants and storage locations
- Purchasing groups
- Assigning org units
- Purchasing organisations: plant, company and cross-company
- Valuation level

LAB Define and assign a plant, storage location and purchasing organisation · 50 min

1.3 Material master

- Material types and industry sectors
- Material groups and units of measure
- Mass maintenance
- Material master views and organisational levels
- Field selection for the material master

LAB Create a material type and material master records · 45 min

1.4 Business partner for suppliers

- Supplier roles and BP groupings
- Partner functions
- Purchasing data at organisation level
- Customer-vendor integration

LAB Create a supplier business partner · 30 min

Day 2 The Purchasing Cycle

8 hours

2.1 Requisitions and sourcing

- Purchase requisitions: manual and automatic
- Price comparison
- Source determination
- Requests for quotation and quotations
- Source lists and quota arrangements

LAB Create a requisition and source it from a quotation · 45 min

2.2 Purchase orders

- Purchase order structure
- Account assignment categories
- Fiori apps for purchase orders
- Item categories: standard, consignment, subcontracting, third-party
- Purchase order history

LAB Create purchase orders with different item categories · 50 min

2.3 Outline agreements and info records

- Purchasing info records
- Scheduling agreements
- Conditions in info records
- Quantity and value contracts
- Release orders

LAB Create a contract and release order · 40 min

Day 3 Purchasing Configuration

8 hours

3.1 Document control

- Document types and number ranges
- Default values for buyers
- Field selection keys
- Messages and output determination

LAB Configure a new purchase order document type · 40 min

3.2 Release strategies

- Classification-based release strategies
- Release groups, codes and indicators
- Flexible workflow overview
- Characteristics and classes
- Testing release strategies

LAB Configure a release strategy for purchase orders · 60 min

3.3 Conditions and pricing

- Condition technique
- Calculation schema
- Freight and discount conditions
- Condition types, tables and access sequences
- Schema determination

LAB Build a calculation schema with discount and freight · 50 min

Day 4 Inventory Management

8 hours

4.1 Goods movements

- Movement types
- Goods issue and reservations
- Stock types: unrestricted, quality and blocked
- Goods receipt for purchase order
- Transfer postings and stock transfers

LAB Post goods receipts, issues and transfer postings · 50 min

4.2 Special procurement and special stocks

- Consignment
- Stock transport orders
- Pipeline and returnable packaging overview
- Subcontracting
- Third-party processing

LAB Run a subcontracting cycle · 45 min

4.3 Physical inventory

- Physical inventory documents
- Posting differences
- Stock overview and reports
- Counting and recounting
- Cycle counting

LAB Execute a physical inventory count · 35 min

Day 5 Valuation, Account Determination and Invoice Verification

8 hours

5.1 Material valuation

- Valuation areas and valuation classes
- Material ledger in S/4HANA
- Split valuation
- Moving average and standard price control
- Price changes and revaluation

LAB Compare moving average and standard price postings · 40 min

5.2 Automatic account determination

- Valuation grouping codes
- Account determination configuration
- Transaction keys and account modifiers
- Simulating account determination

LAB Configure and simulate automatic account determination · 50 min

5.3 Logistics invoice verification

- Invoice entry and document parking
- Releasing blocked invoices
- GR/IR clearing
- Tolerance limits and blocking reasons
- Subsequent debits and credits
- Evaluated receipt settlement

LAB Post invoices with variances and release blocks · 45 min

Day 6 MRP Basics, Integration and Exam Readiness

8 hours

6.1 Material requirements planning basics

- MRP in S/4HANA
- MRP types and lot sizing
- Stock/requirements list
- Consumption-based planning and reorder point
- Planned orders and requisitions from MRP

LAB Run reorder point planning and convert requisitions · 45 min

6.2 Integration and reporting

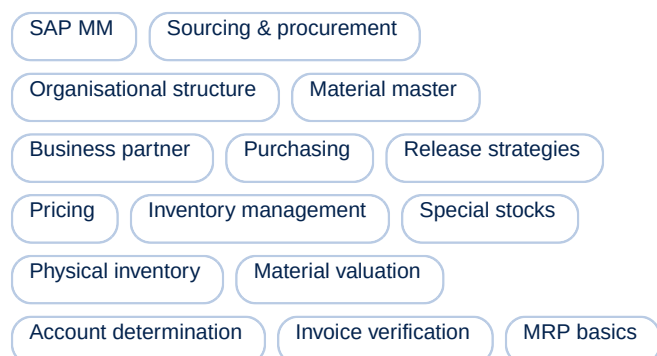
- Procure-to-pay document flow
- Supplier evaluation overview
- Purchasing and inventory analytics in Fiori
- Integration with SD and FI

6.3 Exam readiness

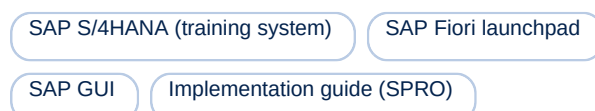
- C_TS452 topic area review
- Practice questions with review
- Question styles and time management
- Confirming the current release code on SAP Learning

Skills and tools

Skills you will build



Tools used in class



Certification exam

This course is aligned to the exam below and prepares you for it. The exam itself is booked and taken with the vendor.

Exam SAP Certified Associate – SAP S/4HANA Cloud Private Edition, Sourcing and Procurement

Exam code C_TS452

Official page <https://learning.sap.com/certifications>

Exam skill areas covered

Account determination

Exam details are pending verification. Confirm the current exam code, format and fee on the official vendor page before booking.

Frequently asked questions

Is this an official SAP course?

No. Ace Skills is not an SAP partner; this is an independent course aligned to the C_TS452 exam topic areas.

Which exam code should I book?

SAP adds a release suffix to C_TS452 and changes it periodically. Confirm the current code on SAP Learning before booking.

Do I need purchasing experience?

It helps, but it is not essential. Each process is explained from the business side before we configure it.

Is warehouse management included?

Only inventory management at storage location level. Extended Warehouse Management is covered in a separate course.

Will I configure the system myself?

Yes. You complete the configuration and transaction labs yourself in an SAP S/4HANA training system.

Book a batch or talk to an advisor

Course page: aceskillsconsulting.com/course/c-ts452-sap-s4hana-sourcing-and-procurement-mm · Email: info@aceskillsconsulting.com

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