

C_TS413: SAP S/4HANA Asset Management (PM)

Manage technical assets and maintenance work end to end in SAP S/4HANA Asset Management.

DURATION

4 days · 32 hours

LEVEL

Intermediate

CURRICULUM

14 modules · 11 labs

DELIVERY

Live online, Onsite,
Corporate

Course overview

Every plant, refinery, utility and facility depends on reliable assets, and SAP S/4HANA Asset Management is how many of them plan and record maintenance work. This four-day course gives maintenance professionals and aspiring consultants a practical grounding in the plant maintenance (PM) component.

Day one covers the organisational structure for maintenance and technical objects: maintenance plants and planning plants, functional locations and structure indicators, equipment, serial numbers and maintenance bills of material. You will build a small technical object hierarchy for a pumping station.

Day two focuses on corrective maintenance: notification types, catalogues and damage codes, and the maintenance order lifecycle — planning operations and materials, release, time confirmation, goods movements, technical completion and settlement to cost centres.

Day three turns to planned work. You will build task lists, then create single-cycle, strategy-based and performance-based maintenance plans, schedule them and review the call objects they generate. Day four rounds off with refurbishment and external services, integration with materials management and controlling, reporting and analytics, and an exam readiness session.

This course is aligned to the SAP Certified Associate exam for SAP S/4HANA Asset Management (base code C_TS413). Ace Skills is not an SAP partner and does not use official SAP courseware. SAP release-suffixes its exam codes and updates them regularly, so please check the current code on SAP Learning before booking.

Highlights

- 32 hours of live, trainer-led sessions
- Hands-on labs in an SAP S/4HANA training system
- Functional locations, equipment and maintenance BOMs
- Notifications and maintenance orders through to settlement
- Task lists and time- and performance-based plans
- Practice questions aligned to C_TS413 topic areas

What's included

- Access to an SAP S/4HANA training system for the course duration
- Technical object hierarchy built in class
- Corrective maintenance scenario from notification to settlement
- Preventive maintenance plan scheduling labs
- Integration walk-throughs with MM and CO
- Practice questions with trainer review
- Course completion certificate from Ace Skills Consulting

Who this course is for

Who should attend

- Aspiring SAP PM / EAM consultants
- Maintenance planners and engineers
- Plant and reliability engineers using SAP
- ECC PM consultants moving to SAP S/4HANA
- SAP MM or CO consultants supporting maintenance

Prerequisites

- Basic understanding of maintenance or engineering operations
- Comfort with business software
- Prior SAP navigation experience is helpful but not required

Detailed curriculum — 4 days, 32 hours, 14 modules, 11 hands-on labs

Day 1 Organisation and Technical Objects

8 hours

1.1 Asset management overview

- SAP S/4HANA Asset Management scope
- SAP Fiori and SAP GUI navigation
- Maintenance processes: corrective, preventive, predictive
- Maintenance roles and apps

LAB Navigate maintenance Fiori apps · 30 min

1.2 Organisational structure

- Maintenance plant and planning plant
- Main work centres
- Planner groups
- Plant sections and locations

LAB Review planning plant and work centre settings · 30 min

1.3 Functional locations and equipment

- Structure indicators and edit masks
- Equipment categories and installation
- Classification of technical objects
- Functional location hierarchy
- Serial numbers and materials

LAB Build a functional location hierarchy and install equipment · 60 min

1.4 Maintenance bills of material

- Equipment and functional location BOMs
- Spare parts in BOMs
- Material BOMs for assemblies
- Structure lists

Day 2 Corrective Maintenance

8 hours

2.1 Maintenance notifications

- Notification types
- Damage, cause and activity coding
- Catalogues and code groups
- Malfunction data and breakdowns

LAB Create a breakdown notification with damage codes · 40 min

2.2 Maintenance order planning

- Order types and priorities
- Stock and non-stock components
- Operations and work centres
- Cost estimation and availability checks

LAB Plan a maintenance order with operations and components · 50 min

2.3 Order execution and completion

- Order release and printing
- Time confirmation
- Settlement rules and settlement
- Goods issue for components
- Technical completion and history

LAB Confirm, complete and settle a maintenance order · 50 min

Day 3 Preventive Maintenance

8 hours

3.1 Task lists

- General, equipment and functional location task lists
- Maintenance strategies and packages
- Operations, components and service packages overview
- Assigning task lists to plans

LAB Create an equipment task list · 40 min

3.2 Time-based maintenance plans

- Single-cycle plans
- Scheduling parameters
- Strategy-based plans
- Call horizon and scheduling period

LAB Schedule a strategy-based maintenance plan · 50 min

3.3 Performance-based maintenance

- Measuring points and counters
- Performance-based and multiple counter plans
- Measurement documents
- Deadline monitoring

LAB Trigger a counter-based plan with measurement readings · 45 min

Day 4 Special Processes, Integration, Reporting and Exam Readiness

8 hours

4.1 Special maintenance processes

- Refurbishment of repairable spares
- Work clearance management overview
- External services and service entry
- Mobile maintenance overview

LAB Process a refurbishment order · 40 min

4.2 Integration

- Materials management: reservations and purchase requisitions
- Asset accounting link
- Controlling: cost centres and settlement
- Production and quality management touchpoints

4.3 Reporting and analytics

- Maintenance information system overview
- Object history and MTTR/MTBF
- Fiori analytical apps
- List editing and worklists

LAB Analyse maintenance history and costs · 35 min

4.4 Exam readiness

- Topic area review
- Practice questions with review
- Question styles

Skills and tools

Skills you will build

SAP S/4HANA Asset Management

Plant maintenance

Functional locations

Equipment

Maintenance BOMs

Notifications

Maintenance orders

Task lists

Maintenance plans

Measuring points

Refurbishment

PM-MM-CO integration

Maintenance reporting

Tools used in class

SAP S/4HANA (training system)

SAP Fiori launchpad

SAP GUI

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 Asset Management
Exam code	C_TS413
Official page	https://learning.sap.com/certifications

Exam skill areas covered

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

Frequently asked questions

Which exam code should I book?

SAP adds a release suffix to C_TS413 and updates it periodically. Confirm the current code on SAP Learning before booking.

Is this an official SAP course?

No. It is an independent Ace Skills course aligned to the C_TS413 exam topic areas.

Is PM the same as SAP S/4HANA Asset Management?

Plant maintenance is the core component within SAP S/4HANA Asset Management, and it is the focus of this course.

Do I need an engineering background?

No, but familiarity with how maintenance work is planned in a plant makes the scenarios easier to follow.

Book a batch or talk to an advisor

Course page: aceskillsconsulting.com/course/c-ts413-sap-s4hana-asset-management-pm · Email: info@aceskillsconsulting.com

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