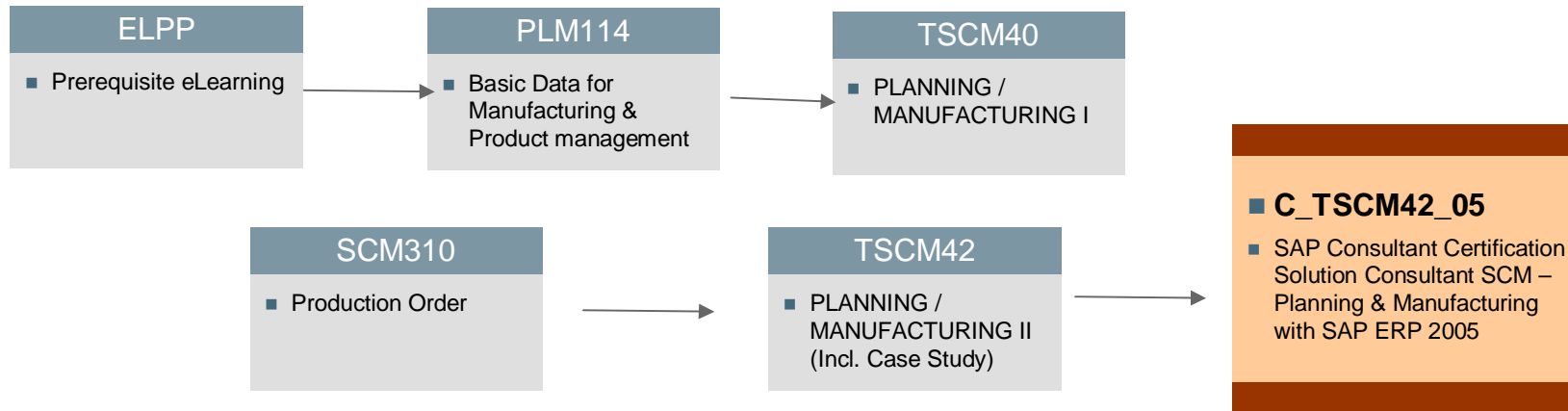


SCM - Planning & Manufacturing (ECC 6.0)



Code & Collection	Minimum Duration	Maximum Duration	Certification Code
ELPP - SAP125 (Col 62), ERP001(Col 62), SAP220 (Col 44) & SM001 (Col 62)	5 Days	5 Months	C_TSCM42_05
PLM114 (Col 62)	5 Days	5 Weeks	
TSCM40 (Col 62)	5 Days	5 Weeks	
SCM310 (Col 62)	5 Days	5 Weeks	
TSCM42 (Col 62)	5 Days	5 Weeks	

Material provided to the candidate: 5 books
 PLM114, TSCM40, SCM310, TSCM42, TSCM42 (Case Study)

COURSE DESCRIPTION: SAP NAVIGATION 2005

Course: SAP125

Course Version: 062

Prerequisites

Essential

- None

Recommended

- There are no required prerequisites for taking this course; however, it is recommended that learners have a basic knowledge of Windows.

Duration

- 2 hours

Goals

- familiarize with key terms
- navigate within the SAP system.

Audience

- Beginner users
- Project team members
- Project leaders
- Support personnel
- SAP consultants
- Technical consultants
- Sales
- Super users
- End users

Software

- ERP ECC 6.0

Content

- The SAP Navigation 2005 course is designed to familiarize learners with key terms and how to navigate within the SAP system. You will be introduced to the key areas of SAP screens, fields, and features. You will also be introduced to ways in which you can obtain additional help, modify and customize the look of your SAP system, as well as apply more advanced skills.

Notes

- Course length: 2 hours

COURSE DESCRIPTION: MANAGEMENT EMPOWERED BY SAP ERP

Course: ERP001

Course Version: 062

Prerequisites

Essential

- None

Recommended

- First Experience in SAP Navigation (covered i.e. by e-learning SAP125 SAP Navigation 2005)
- Overview of SAP Business Solutions (covered i.e. by e-learning SAP130 Solutions Powered by SAP or classroom course SAP01 SAP Overview)

Duration

-

Goals

- Explain how SAP ERP streamlines and accelerates the business processes of a typical organization.
- Provide an overview of SAP ERP and its components relevant for Managers, Business and Strategy Consultants.
- Explain how SAP ERP, powered by SAP NetWeaver, enables integration of various business processes and solutions.
- Explain how SAP ERP assists an organization in making informed business decisions with accurate data reporting and analytics.
- Explain how SAP NW BI Business Planning and Simulation (SAP BW- BPS) assists in strategic and operational planning and decision making.
- Give examples of how SAP ERP Operations increases employee productivity.

Audience

- Executives and Managers
- Business & Strategy Consultants
- People interested in SAP ERP
- Client Cross Functional Users
- Project Team Members
- Super Users

Software

- SAP ERP 6.0, SAP NW 7.0

Content

- SAP ERP - Overview, positioning and components
- SAP ERP powered by SAPNetWeaver and its components
- Highlighted Analytics & Reporting functionality in BW and SEM for improved business decision making and control
- Strategic Business Planning in BW-BPS and Planning Integration aspects with other components
- Highlight how SAP ERP helps to increase the user productivity by decreasing efforts through automation, centralization and standardization. This will be explained with several examples like e- Procurement, RFID and Mobile Sales

Notes

- Course length approximately: 4 hours, inexperienced users might need more time

Course: SAP220

Course Version: 044

Prerequisites

Essential

- SAP e-Learning Advisor
- Solutions Powered by SAP
- SAP Basic Navigation Features

Recommended

- Basic knowledge of planning and manufacturing functions and terms
- Working knowledge of Microsoft office and internet browsers

Duration

- 8 hours

Goals

- Make informed business decisions that are founded on a conceptual understanding of SAP's Production Planning (PP) and Advanced Planner & Optimizer (APO) business solutions
- Bring your SAP PP/APO product knowledge to a baseline level that will enable you to participate effectively in more detailed courses.

Audience

- Those new to SAP
 - Project team
 - End users
 - SAP consultants
- Super users (particularly who need to learn another business process outside their specialty)
- IT business analysts

Software

Content

- Overview of plan to inventory
- Forecasting and demand planning
- Rough-cut planning
- Detailed material planning
- Production scheduling
- Production order execution

COURSE DESCRIPTION: INTRODUCTION TO SAP SOLUTION MANAGER

Course: SM001

Course Version: 062

Prerequisites

Essential

- Basic knowledge of SAP systems

Recommended

- None

Duration

- 2 hours

Goals

- Define the concept of the SAP Solution Manager
- Discuss the tools provided by the SAP Solution Manager

Audience

- Consultants
- Project Managers
- Project Team Leads
- Project Team Members
- IT Service Desk Managers
- IT Service Desk Members

Software

- Solution Manager 4.0

Content

- This course is meant to familiarize you with the principles and terminology of the SAP Solution Manager. You will be introduced to the benefits of using the SAP Solution Manager during the implementation of your SAP solutions and during ongoing support and operations.

Notes

- Course length: 2 hours

PLM114 - Basic Data for Manufacturing and Product Management

Course Version: 062

Duration: 5 days

Delivery Type

- Instructor-led Classroom

Audience

- Project team members and employees responsible for material masters, bills of material (BOMs), routings (task lists) and work centers.

Prerequisites:

Essential

- PLM100 [Business Processes in Life-Cycle Data Management](#)
- or SCM130 SAP R/3 Planning and Manufacturing Overview

Recommended

- SAPPLM [Overview of the mySAP PLM solution or](#)
- SAPSCM [Overview of the SAP SCM solution](#)

Goals

- Create, maintain, and use material masters, bills of material (BOMs), routings (task lists) and work centers.
- Understand the configuration of material master, bills of material (BOMs), routings (task lists) and work centers.

Course Based on Software Release

- ERP ECC 6.0

Content

- Material master data and views required to support discrete and repetitive manufacturing
- Material master configuration
- Functions and features of bills of material (BOMs) in detail
- Bill of material (BOM) configuration
- Work center master data and views required to support discrete manufacturing
- Work center configuration
- Functions and features of discrete manufacturing Task lists (routings) in detail
- Routing (task list) configuration
- Usage of Production Resources and Tools (PRTs)
- Maintenance of master data using mass change functions and engineering workbench
- Master data reports and lists
- Managing master data changes with and without history

Notes

- The content covered in this course is appropriate for users on the following SAP software releases:
 - R/3 4.6C
 - R/3 Enterprise (4.7)
 - ERP 2004 (ECC 5.0)
- Demonstrations and hands-on exercises are conducted using an ERP 2005 (ECC 6.0) system.

SCM310 - Production Orders

Course Version: 062

Duration: 5 days

Delivery Type

- Eacademy

Audience

- This course is aimed at project team members and key users (from the user departments) who are responsible for implementing and managing production orders with my SAP Business Suite.

Prerequisites:

Essential

- PLM114 [Basic Data for Manufacturing and Product Management](#)
- SCM300 [Business Processes in Manufacturing \(SAP ERP\)](#)

Recommended

- SCM240 [Production Planning \(ERP\)](#)
- SAPSCM [SAP Supply Chain Management Solution Overview](#)

Goals

- In this course, participants become familiar with production orders, learn how they can be used, and also – to a lesser extent – learn how they can be configured.

Course Based on Software Release

- ERP ECC 6.0
- SCM 5.0

Content

- Overview of order categories and types
- Order structure and processing
- Order creation and changing orders (routing and BOM selection, integrating documents)
- Interface to planning (SAP ECC R/3 and SAP SCM (APO))
- Order release (status management, availability checks)
- Printing order documents
- Material staging and withdrawal
- Order control (detailed control/integration of PDC systems) Confirmations
- Goods receipt, order settlement
- Archiving and deletion
- Information systems (overview)
- Automation and mass processing
- Collection orders (multilevel order management)

Notes

- In addition to this course, we recommend that you also attend course SCM920 (Customizing Production Orders), in which you can create and test a new order type and its related functionality.

Course: TSCM40

Course Version: 081

Prerequisites

Essential

- Business knowledge in the area of planning and manufacturing
- The following are included in posting TSCM40:
- SAP125 [SAP Navigation 2005](#)
- ERP001 [Management Empowered by SAP ERP](#)
- which you must study in your own time before the start of course TSCM40

Recommended

- None

Duration

- 10 days

Goals

- Apply and communicate master data in the area of planning and manufacturing
- Apply and describe applications for production planning
- Utilize your knowledge directly as a junior consultant in your first period of practice

Audience

- Solution consultants responsible for implementing Supply Chain Planning & Manufacturing with SAP ERP

Software

- SAP SCM 5.1
- ERP ECC 6.0

Content

- Creating and managing master data: material master, BOM, classes, characteristics, documents, overview of variant configuration, work center, routing, production resources, changes with and without history, mass change
- ERP production planning: production program planning, planning-based MRP, planning strategies for make-to-stock and make-to-order production, implementing requirements planning, processing of MRP results
- APO-PP/DS Production Planning and Detailed Scheduling overview: Integration and master data, forecasts and sales orders in APO-PP/DS, requirements planning, planning of quantities and capacities

Notes

- To ensure that you retain the knowledge gained in this course and successfully complete the certification examination at the end of course TSCM42, we recommend that you consolidate the content in your own time after the course.

Course: TSCM42

Course Version: 081

Prerequisites

Essential

- Business knowledge in the area of planning and manufacturing
- TSCM40 [Planning / Manufacturing I](#)
- The following are included in posting TSCM42:
- SM001 [Introduction to SAP Solution Manager \(which you must study in your own time before the start of course\)](#)

Recommended

- None

Duration

- 10 days

Goals

- Utilize and describe basic functions for managing production orders (PP-SFC), repetitive manufacturing (PP-REM), process orders (PP-PI) and KANBAN (PP-KAN) as further options in production management
- Utilize your knowledge directly as a junior consultant in your first period of practice

Audience

- Solution consultants responsible for implementing Supply Chain Planning & Manufacturing with SAP ERP and SCM

Software

- SAP SCM 5.1
- ERP ECC 6.0

Content

- Order-controlled production with production orders: Overview of order categories and types, order structure/processing run, order creation/changing orders, interface with planning, order release (status management, availability checks), printing order documents, material staging and withdrawal, process integration (interfaces) and order control, confirmations, goods receipt, order settlement, archiving and deletion, information systems (overview), automation (mass processing, collection orders (multilevel order management))
- Overview of production with process orders, repetitive manufacturing, KANBAN and capacity planning

- Integrated case study: implementation of a fictitious demo company using specific business processes, configuration and mapping of the company structure, master data, and business processes in the SAP system ECC.
- Review and certification preparation
- Certification examination for Solution Consultant SCM - Planning/Manufacturing with SAP ERP 2005 on the content of the courses SAP125, ERP001, TSCM40, SM001, TSCM42

Notes

- To ensure that you retain the knowledge gained in this course and successfully complete the certification examination at the end of course TSCM42, we recommend that you consolidate the content in your own time after the course.
- SMI001 is only available in English language