

## **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

## SAP - Plan to Inventory Processes

### **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

## **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

## 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.

## 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