SAP COURSE LISTING

Training for Applications with Planning, Manufacturing, Execution in SAP ERP

Courses Listed

Beginner

- SAP01 - SAP Overview

Advanced

- PLM114 - Basic Data for Manufacturing and Product Management
- SCM240 - Production Planning in ERP

All available schedules in your selection

SCM240   Production Planning in ERP

There are currently no events available for this course. Please feel free to register interest for this course on SAP Training. We will then notify you when a course has been scheduled.

PLM114   Basic Data for Manufacturing and Product Management

There are currently no events available for this course. Please feel free to register interest for this course on SAP Training. We will then notify you when a course has been scheduled.

SAP01   SAP Overview

There are currently no events available for this course. Please feel free to register interest for this course on SAP Training. We will then notify you when a course has been scheduled.

SAP

SCM240 - Production Planning in ERP

Course announcements

- This course is also available in a self-paced e-learning format with an active subscription to the SAP Learning Hub, as SC240E.
- This course will give you an overview of supply chain planning as it could be implemented with SAP ERP. This will involve understanding the different steps in the process and how they are interrelated.

Goals

- In this course you learn to understand, to configure, and to apply the concepts of demand management and material requirements planning for non-configurable materials that are provided by SAP ECC 6.0 - Material Requirements Planning (formerly known as SAP R/3 - MRP)

Audience

- Application Consultant
- Business Process Owner / Team Lead / Power User
- User

Essential

- PLM114 - Basic Data for Production
- SCM100 - Planning Overview (ERP)

Course based on software release

- SAP ERP Central Component 6.0 Enhancement Package 7

Content

- Overview of Production Planning in SAP ERP
- Outlining the Supply Chain Planning Process
- Outlining the Core Production Planning Process

- Demand Management

- Outlining Demand Management
- Planning Make-to-Stock Production Without Consumption Logic
- Planning Make-to-Stock Production with Consumption Logic
- Planning Make-to-Order Production Without Consumption Logic
- Planning Make-to-Order Production with Consumption Logic
- Using Assembly Processing in Make-to-Order Production
- Applying Demand Management Enhancements
- Analyzing Availability Checks
- Material Requirements Planning Execution

- Outlining Material Requirements Planning
- Setting Up the MRP Prerequisites
- Executing the MRP Run
- Setting Up the MRP Run
- Planning MRP Interactively
- Applying Firming Mechanisms

- Technical Processes of Requirements Planning

- Calculating Net Requirements
- Applying Buffers in Net Requirements Calculation
- Calculating Lot Sizes
- Selecting Procurement Types
- Setting Up Basic-Date Scheduling
- Setting Up Lead-Time Scheduling
- Selecting BOM and Routing
- MRP Results Processing and Evaluations

- Comparing an MRP List and a Stock/Requirements List
- Applying the Planning Table
- Identifying Exception Messages
- Applying Additional Evaluation Aids
- Additional MRP Processes

- Applying Master Production Scheduling (MPS)
- Setting Up Long-Term Planning
- Executing Long-Term Planning
- Analyzing Multi-Site Planning
- Setting Up MRP Areas
- Applying MRP Areas

Notes

- SC240e is an E-Learning version of this course.

PLM114 - Basic Data for Manufacturing and Product Management

Goals

- This course will prepare you to:
- Explain the organizational structures and basic data in Manufacturing and Planning
- Describe the manufacturing functions that support materials and bills of materials
- Describe the manufacturing functions that support work centers and routings
- Participate in configuration decisions that ensure that SAP supports company requirements
- Describe some of the advanced modeling features in manufacturing and planning using Bills of Materials and Task lists.
- Describe the features of the Engineering Work Bench

Audience

- Application Consultant
- Data Consultant / Manager
- Program / Project Manager
- Business Analyst
- User
- Business Process Owner / Team Lead / Power User

Essential

- SAPSCM100
- PLM100

Course based on software release

- ERP 6.0 EhP7

Content

- Accessing and Creating Types of Data
- Using Organizational Elements and Master Data in Production

- Creating a Plant in SAP ERP
- Creating a Storage Location in SAP ERP
- Creating MRP Areas
- Describing the Structure of the Material Master Record
- Maintaining Prerequisites for Creating Material Masters
- Creating a Material Master Record
- Classifying Material Master Records
- Managing the Material Master
- Describing the Structure of the Bill Of Material
- Managing the Validity of BOMs
- Managing Bills of Material
- Using ECM to Change BOMs
- Analyzing Bills of Material
- Configuring Bills of Material
- Describing the Structure of Master Data
- Creating Work Centers
- Creating Capacities in the Work Center
- Integrating Costing with the Work Center
- Describing the Structure of the Task List
- Creating Material Assignments and Component Allocations
- Creating Suboperations and User-Defined Fields
- Analyzing and Changing Task Lists
- Describing Phantom Assemblies

- Creating Co-Products and By-Products
- Creating Alternative Components
- Creating Multiple BOMs
- Creating Variant BOMs
- Using Mass Change and the Product Structure Browser
- Modeling Complex and Flexible Manufacturing
- Modeling Alternative Manufacturing Processes
- Creating Reference Operation Sets
- Using Lead-Time Scheduling to Update the Material Master
- Scheduling Time Elements and Reduction in the Routing
- Creating Trigger Points
- Using Scrap in the Routing
- Creating Production Resources and Tools
- Describing the Structure of the Engineering Workbench
- Setting the Work Area, Selection Criteria, and Effectivity Window
- Navigating in the Engineering Workbench
- Creating Engineering Workbench Work Areas
- Using the PLM Web User Interface
- Using Status and Action Management
- Synchronizing BOMs using Guided Structure Synchronization
- Tracking Changes in BOMs Using Redlining

SAP01 - SAP Overview

Course announcements

- This course is also available in a self-paced e-learning format with an active subscription to the SAP Learning Hub, as SAP01E.
- This course provides an overview on SAP applications and components, with a focus on business processes within SAP ERP. This course comes with several exercises to deepen the theoretical lessons.

Goals

- This course will prepare you to:
- Identify the SAP Applications and Components
- Explain basic functionality of SAP Solutions
- Describe the various aspects of SAP User Experience

Audience

- Application Consultant
- Business Analyst
- Business Process Architect
- Business Process Owner/Team Lead/Power User
- Business User
- Change Manager
- Data Consultant
- Data Manager
- Developer
- Development Consultant
- Executive
- Enterprise Architect
- Industry/Business Analyst Consultant
- Industry Specialist
- Project Manager
- Solution Architect
- Super/Key/Power User
- System Architect
- Trainer
- User

Essential

- Working knowledge of Microsoft office and Internet browsers

Course based on software release

- EHP 8 for ERP 6.0

Content

- SAP The Cloud Company
- Identify SAP applications and components
- Describe SAP HANA, SAP C/4HANA, and SAP Intelligent Technologies
- Describe the various aspects of SAP User Experience
- SAP System Navigation – Access the system and personalize the user interface
- Identify system-wide concepts

- Logistics and Cloud Applications

- Create a purchase order for materials, receive it into inventory and verify vendor's invoice
- Integrate Ariba functionality with procurement in SAP ERP
- Process an MRP run, create and release a production order
- Confirm a production order and goods receipt
- Outline SAP IBP processes
- Create a delivery and post a goods issue, then create a sales order billing document
- Describe SAP C/4HANA and Customer Experience
- Use PLM
- Financials

- Create a journal entry, process an outbound payment, and generate financial statements
- Outline the inbound process in accounts receivable
- Outline the business processes in fixed assets accounting
- Execute a cost center report
- Monitor internal costs using internal orders, and monitor planned and actual manufacturing costs
- Analyze profitability

- Human Capital Management (HCM) and SuccessFactors

- Identify the components of SAP ERP HCM and the organizational structure
- Maintain employee master data
- Integrate SuccessFactors in the cloud
- Analytics and Strategic Planning - Create a business intelligence report
- SAP Services - Outline the services offered by SAP

Notes

- If you are new to SAP and will be involved in an SAP S/4HANA project, please consider the course S4H00, which is an overview level training, but is based exclusively on SAP S/4HANA processes and examples.