

**SAP**

  
**centro**  
PRIME EDUCATION PARTNER

  
**PP**  
PRODUCTION PLANNING



# PP

## PRODUCTION PLANNING

### Audiencia:

Miembros del equipo de proyectos.

Consultores responsables de la implementation de Supply Chain Planning & Manufacturing con SAP ERP Central Component (ECC).

Partners interesados en prepararse para el examen de Certificación.

### Pre Requisitos:

Conocimientos de negocios en el ámbito de la planificación y la fabricación.

### Objetivos:

Aplicar y comunicar datos maestros en el área de planificación y fabricación.

Aplicar y describir las aplicaciones de planificación de la producción.

Utilice su conocimiento directamente como consultor junior en su primer período de práctica.

Utilizar y describir las funciones básicas de la gestión de las órdenes de fabricación (PP-SFC), la fabricación repetitiva (PP-REM), órdenes de proceso (PP-PI), Kanban (PP-KAN), y los requisitos de capacidad de planificación (PP-CRP) como opciones adicionales en la gestión de la producción.

### Duración:

120 horas

## CONTENIDO



### PLM114 - Basic Data for Manufacturing and Product Management

- 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



### SCM130 - SAP ERP Planning and Manufacturing Overview

- Introduction to Supply Chain Planning
  - Drafting Supply Chain Planning
- Planning-Specific Master Data
  - Reviewing Supply Chain Master Data
  - Reviewing Production Master Data
- Sales and Operations Planning
  - Drafting Flexible Planning

- Executing Standard Sales and Operations Planning
- Releasing a Standard Sales and Operations Plan
- Demand Management
  - Setting Up a Demand Program
  - Planning Make-to-Stock Production
  - Planning Make-to-Order Production
  - Checking Product Availability
- Material Requirements Planning
  - Drafting MRP Procedures
  - Planning Material Requirements
  - Interpreting the Results of Material Requirements Planning
- Long-Term Planning
  - Creating a Long-Term Planning Scenario
  - Executing Long-Term Planning
- Introduction to Production Execution
  - Distinguishing Production Types
- Production with Production Orders
  - Drafting Production Orders
  - Creating Production Orders
  - Releasing Production Orders
  - Executing Material Staging for Production Orders
  - Executing Confirmation and Goods Receipt for Production Orders
  - Evaluating Production Orders
- Production with Process Orders
  - Drafting Process Orders
  - Creating and Interpreting Process Orders
  - Executing Process Orders
  - Using Additional Functions with Process Orders
- Repetitive Manufacturing
  - Drafting Repetitive Manufacturing
  - Preparing Repetitive Manufacturing
  - Planning Line Loading in Repetitive Manufacturing
  - Using Material Staging and Confirmation
  - Integrating Costing, Controlling, and Reporting
- The Kanban Principle
  - Drafting Kanban
  - Using Kanban in Production



### SCM240 - Production Planning in ERP

- Overview of production planning
- Demand management (Make-to-Stock/Make-to-Order)
- Executing material requirements planning
- Technical processes of MRP
- Evaluating and processing the MRP results
- Special processes in the context of MRP

### SCM300 - Examen de Certificación Internacional

- Production Execution Overview
  - Distinguishing Production Types
- Production Order Processing
  - Outlining Production Orders
  - Creating Production Orders
  - Releasing Production Orders
  - Executing Material Staging for Production Orders
  - Executing Confirmation and Goods Receipt for Production Orders
  - Evaluating Production Orders
- Process Order Processing
  - Outlining Process Orders
  - Creating and Interpreting Process Orders
  - Executing Process Orders
  - Using Additional Functions with Process Orders
- Repetitive Manufacturing Processing
  - Outlining Repetitive Manufacturing
  - Preparing Repetitive Manufacturing
  - Planning Line Loading in Repetitive Manufacturing
  - Using Material Staging and Confirmation
  - Integrating Costing, Controlling, and Reporting
- Kanban Principles in Production
  - Outlining Kanban
  - Using Kanban in Production

### SCM310 - Production Planning in ERP

- Introduction to Production Orders
  - Outlining SAP Supply Chain Management
  - Outlining Production Orders
  - Applying Production Orders in Supply Chain Management
- Order Processing and Order Structure



- Processing Production Orders
- Analyzing the Production Order Structure
- Order Creation
  - Creating Production Orders Without Master Data
  - Creating Production Orders Based on Planned Orders
  - Creating Production Orders Without Planned Orders
  - Defining Order Types
  - Creating Production Orders with Master Data
  - Scheduling Production Orders
  - Costing of Production Orders
- Order Release
  - Checking Material Availability
  - Checking Capacity Availability
  - Checking Production Resource/Tool Availability
  - Planning Capacities
  - Releasing Production Orders
- Order Documents
  - Setting Up Order Print Control
  - Printing Production Orders
- Material Staging
  - Staging Material
  - Withdrawing Material
- Confirmations
  - Setting Parameters for Confirmations
  - Executing Confirmations
- Goods Receipt
  - Preparing Goods Receipts
  - Posting Goods Receipts
- Order Settlement, Archiving, and Deletion
  - Settling Production Orders
  - Archiving and Deleting Production Orders
- Information Systems and Automation
  - Applying Information Systems
  - Automating Production Orders and Mass Processing
  - Applying Collective Orders
  - Applying Trigger Points
- Extended Functionality and Enhancements
  - Applying Order Split
  - Applying Shift Reports and Shift Notes
  - Applying Work-in-Process (WIP) Batches
  - Applying SAP Execution Steps (XSteps) for Routings and Production Orders
  - Outlining the Production Planning-Plant Data Collection (PP-PDC) Interface



Outlining SAP Manufacturing Integration and Intelligence (SAP MII) in Shop Floor Control  
Applying Handling Units in Production

### SCM365 - Capacity Evaluation & Leveling in ECC

- Evaluation of capacity loads using reports in ECC
- Evaluation of capacity loads using reports using BI
- Navigational Skills of Tabular and Graphical Planning tables
- Detailed understanding of Capacity Leveling functionality (Strategy Profile)
- Modeling Down time Scenarios

### EXAMEN DE CERTIFICACIÓN INTERNACIONAL

- SAP Certified Application Associate – Production Planning & Manufacturing with SAP ERP 6.0 EHP7.
- Código de examen: C\_TSCM42\_67
- Cantidad de Preguntas: 80.
- Porcentaje de certificación: 63%.
- Idioma: English





## Información Importante

El precio de la academia incluye el Examen de Certificación.

Los Exámenes de Certificación se toman a los 15 días de finalizada la academia. Los cursos se imparten en español el material puede estar en inglés.

Todas las versiones están indicadas al día de la publicación y están sujetas a cambio sin previo aviso.

Las academias que incluyan cursos e-learning tienen 03 meses de validez.

La fecha de inicio está sujeta a postergación de acuerdo a los mínimos de inscripciones.

Las vacantes son limitadas de acuerdo a cupos y fecha de inscripción.

