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## PRODUCTION PLANNING

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### Planning /Manufacturing –I

#### Unit 1: Course Overview

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- Supply Chain Planning
- Production Planning and Control
- Demand Management
- Plug-in Technology
- APO Integration
- Demand Program in the Production Plant

#### Unit 2: Demand Management

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- Demand Management
- Spectrum of Planning Strategies
- Make-to-Stock Production
- Consumption

#### Unit 3: MRP Run

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- Material Requirements Planning
- Scope of Planning Run

#### Unit 4: Technical Processes in MRP

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- Production Planning
- Net Requirements
- Safety Time
- Procurement Types
- Lead Time Scheduling

#### Unit 5: Processing the MRP Results

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- Processing the MRP Results
- MRP List and Stock/Requirements List
- Collective Access to MRP Lists
- Planning Segments

#### Unit 6: SAP APO Core Interface – Integration Architecture

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- Defining Logical Systems and Assigning Logical Systems
- Customizing Sections for Setting Up the RFC Connection
- Integration Architecture

#### Unit 7: SAP APO Core Interface – Data Transfer

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- SAP APO Core Interface
- Data transmission
- Online Master Data

#### Unit 8: Extended Planning with SAP APO – APO Master Data

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- APO Master Data
- Product Master

#### Unit 9: Extended Planning with SAP APO – Demand Management

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- Demand Management
- Requirements Strategies
- Consumption

#### Unit 10: Extended Planning with SAP APO – Production Planning

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- Production Planning
- Automatic Planning

#### Unit 11: Enhanced Planning with SAP APO – PP/DS Tools

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- Product View
- Product Planning Table
- Pegging Overview
- Resource Planning Table

### **PLANNING AND MANUFACTURING: II**

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#### Unit – I – Introduction

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- Overview of the Training solution for Solution Consultant SCM Planning & Manufacturing
- Production types in the mySAP ERP and mySAP and mySAP SCM solution

#### Unit - II – Capacity Requirement Planning (ERP)

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- Capacity planning Environment
- Capacity evolution
- Capacity leveling in Tabular Form
- Availability Capacity
- Capacity Leveling in Graphical Form

### Unit – III – Order- Controlled production with process order

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- Order – Controlled Production with process order
- Elements, Functions and Processing of a Process order

### Unit - IV – Repetitive Manufacturing

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- Characteristics of Repetitive Manufacturing
- Functions and Process steps in Repetitive Manufacturing

### Unit - V - Kanban

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- Futures of the Kanban Procedure
- The KANBAN Procedure