

SCM Production Planning And Detailed Scheduling course curriculum

Unit 1: Course Overview

Introduction

Role of APO-PP/DS in Supply Chain Planning

Unit 2: Master Data

CIF Master Data Transfer

Mass Maintenance of APO Master Data

Resources

PPM and PDS

Unit 3: Demand Management

Planned Independent Requirements and Sales Orders

Make-to-stock production

Make-to-Order Production

Enhancements for Demand Management

Unit 4: Production Planning

Prerequisites and Basic Settings

The Planning Process

Heuristics for Material Requirements Planning

Enhancements for Production Planning

Firming

Unit 5: Steps in Production Planning

Introduction

Net Requirements Calculation and Lot-Size Calculation

Source Determination

PPM/PDS Explosion and Scheduling

Pegging

Setup Times

Enhancements for Production Planning Steps

Unit 6: Evaluation of Production Planning

Product View

Product Planning Table

Product Overview

Pegging Overview

Days' Supplies

Alert Management

Unit 7: MRP Areas

Concept of Planning with MRP Areas

Setting and Executing the Planning using MRP areas