SCM212

Core Interface and Supply Chain Integration

COURSE OUTLINE

Course Version: 10
Course Duration: 5 Day(s)

SAP Copyrights and Trademarks

Typographic Conventions

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's presentation	
Demonstration	
Procedure	
Warning or Caution	
Hint	
Related or Additional Information	
Facilitated Discussion	
User interface control	*Example text*
Window title	*Example text*

Contents

Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Application Consultant
- Business Analyst
- Business Process Architect
- Business Process Owner/Team Lead/Power User
- Data Consultant/Manager
- Help Desk/CoE Support
- Industry Specialist
- Solution Architect
- Trainer

UNIT 1 Integration for Supply Chain Modeling

Lesson 1: Integrating SAP ERP and SAP SCM

Lesson Objectives

After completing this lesson, you will be able to:

- Outline the integration of SAP ERP and SAP SCM

Lesson 2: Configuring an Integration Model

Lesson Objectives

After completing this lesson, you will be able to:

- Configure an integration model to transfer master data

Lesson 3: Using Monitoring and Error-Processing Tools

Lesson Objectives

After completing this lesson, you will be able to:

- Use monitoring and error-processing tools

Lesson 4: Setting Up Incremental Data Transfers for Master Data Changes

Lesson Objectives

After completing this lesson, you will be able to:

- Set up incremental data transfers for master data changes

Lesson 5: Organizing Integration Models

Lesson Objectives

After completing this lesson, you will be able to:

- Organize integration models

Lesson 6: Performing Routine Operations with Background Processing

Lesson Objectives

After completing this lesson, you will be able to:

- Perform routine operation with background processing

UNIT 2 Supply Chain Locations

Lesson 1: Managing Locations

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the purpose of the location master

Lesson 2: Integrating Plant Data

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate plant data

Lesson 3: Integrating MRP Areas

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate MRP areas

Lesson 4: Managing Transportation Zones

Lesson Objectives

After completing this lesson, you will be able to:

- Display transportation zones

Lesson 5: Integrating Customers as Locations

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate customers as locations

Lesson 6: Integrating Vendors as Locations

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate vendors as locations

Lesson 7: Integrating Factory Calendars and Time Streams

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate factory calendars and time streams

UNIT 3 Supply Chain Products

Lesson 1: Integrating Products

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate products

Lesson 2: Maintaining Product Data

Lesson Objectives

After completing this lesson, you will be able to:

- Use mass processing to maintain product data in SAP SCM

UNIT 4 External Procurement Relationships

Lesson 1: Integrating Purchasing Information Records

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate purchasing information records

Lesson 2: Integrating Scheduling Agreements

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate scheduling agreements

UNIT 5 Network Modeling

Lesson 1: Creating Means of Transportation

Lesson Objectives

After completing this lesson, you will be able to:

- Create means of transportation

Lesson 2: Creating Transportation Lanes

Lesson Objectives

After completing this lesson, you will be able to:

- Create transportation lanes

UNIT 6 Supply Chain Resources

Lesson 1: Integrating Production Resources

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate production resources

Lesson 2: Creating Supply Chain Management (SCM)-Specific Resources

Lesson Objectives

After completing this lesson, you will be able to:

- Create SCM-specific resources

Lesson 3: Integrating Capacity Variants

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate capacity variants

Lesson 4: Integrating Setup Groups and Matrices

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate setup groups and matrices

UNIT 7 Manufacturing Process Modeling

Lesson 1: Preparing Integration of Master Data

Lesson Objectives

After completing this lesson, you will be able to:

- Prepare to integrate production master data

Lesson 2: Mapping Bill of Materials (BOM) Fields

Lesson Objectives

After completing this lesson, you will be able to:

- Map the BOM fields

Lesson 3: Mapping the Routings Fields

Lesson Objectives

After completing this lesson, you will be able to:

- Map the routings fields

Lesson 4: Integrating Production Master Data

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate production master data
- Create a production data structure (PDS)
- Create a production process model (PPM)
- Create a PDS and PPM for Supply Network Planning (SNP)

Lesson 5: Transferring a Master Recipe to a Production Process Model (PPM)

Lesson Objectives

After completing this lesson, you will be able to:

- Transfer a master recipe to a production process model (PPM)

Lesson 6: Transferring Characteristics and Classes

Lesson Objectives

After completing this lesson, you will be able to:

- Transfer characteristics and classes

UNIT 8 Quota Arrangement

Lesson 1: Creating Quota Arrangements

Lesson Objectives

After completing this lesson, you will be able to:

- Create quota arrangements

UNIT 9 Supply Chain Modeling

Lesson 1: Creating an SAP liveCache Model

Lesson Objectives

After completing this lesson, you will be able to:

- Create an SAP liveCache model

Lesson 2: Creating a Version in SAP SCM

Lesson Objectives

After completing this lesson, you will be able to:

- Create a version in SAP SCM

Lesson 3: Using the Supply Chain Engineer (SCE)

Lesson Objectives

After completing this lesson, you will be able to:

- Use the Supply Chain Engineer (SCE)

UNIT 10 Transactional Data Integration

Lesson 1: Integrating Transactional Data

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate transactional data

UNIT 11 Supply Chain Subcontracting

Lesson 1: Preparing Master Data for Subcontracting

Lesson Objectives

After completing this lesson, you will be able to:

- Prepare master data for subcontracting