S4120

Business Processes in SAP S/4HANA Project Control

COURSE OUTLINE

Course Version: 14
Course Duration:

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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*

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Project Manager
- Application Consultant
- Super / Key / Power User

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UNIT 1 Introduction to SAP S/4HANA

Lesson 1: Introducing SAP S/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the benefits of SAP S/4HANA

Lesson 2: Understanding SAP Fiori UX

Lesson Objectives

After completing this lesson, you will be able to:

- Work with SAP Fiori apps
- Explain the benefits of SAP Fiori

Lesson 3: Understanding SAP Business Client

Lesson Objectives

After completing this lesson, you will be able to:

- Give an overview of SAP Business Client
- Explain the benefits of SAP Business Client
- Navigate in SAP Business Client

Lesson 4: Understanding SAP GUI

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the SAP GUI that is also available in SAP S/4HANA

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UNIT 2

Project Management with SAP S/4HANA Project Systems

Lesson 1: Describing Project Management with SAP S/4HANA Project System

Lesson Objectives

After completing this lesson, you will be able to:

- List the characteristics of projects
- Describe SAP solutions for project management

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UNIT 3 Project Structures

Lesson 1: Outlining Work Breakdown Structure (WBS)

Lesson Objectives

After completing this lesson, you will be able to:

- List the structure elements of WBSs
- Verify the tasks of WBSs

Lesson 2: Creating Work Breakdown Structures (WBSs)

Lesson Objectives

After completing this lesson, you will be able to:

- Create a WBS
- Describe operative indicators for WBSs
- Maintain WBS elements
- Use the hierarchy graphic to display WBS organization

Lesson 3: Outlining Networks

Lesson Objectives

After completing this lesson, you will be able to:

- List the structure elements of networks
- Verify the tasks of networks

Lesson 4: Creating Networks

Lesson Objectives

After completing this lesson, you will be able to:

- Create a network with the Project Builder
- Use the network graphic

Lesson 5: Applying Documents, Milestones, and Mass Change

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Lesson Objectives

After completing this lesson, you will be able to:

- Create texts and documents in SAP S/4HANA project systems
- Create milestones
- Apply mass changes

Lesson 6: Exporting and Importing Projects

Lesson Objectives

After completing this lesson, you will be able to:

- List the options used for importing and exporting projects

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UNIT 4 Reports

Lesson 1: Analyzing Projects with the Structure Information System

Lesson Objectives

After completing this lesson, you will be able to:

- List the characteristics of the structure information system

Lesson 2: Analyzing Projects with Financial Reports

Lesson Objectives

After completing this lesson, you will be able to:

- List the characteristics of financial reports
- Analyze projects with hierarchy reports
- Analyze projects with cost element reports
- Analyze projects with line item reports

Lesson 3: Reporting in SAP S/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Describe and explain reporting solutions in SAP S/4HANA

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UNIT 5 Project Plans

Lesson 1: Checking Projects with the Project Planning Board

Lesson Objectives

After completing this lesson, you will be able to:

- Create projects with the Project Planning Board

Lesson 2: Planning Dates for WBS Elements

Lesson Objectives

After completing this lesson, you will be able to:

- Plan dates for WBS elements with the Project Planning Board

Lesson 3: Scheduling Networks

Lesson Objectives

After completing this lesson, you will be able to:

- Schedule networks

Lesson 4: Planning Resources with Networks

Lesson Objectives

After completing this lesson, you will be able to:

- Create capacity requirements for internally processed activities
- Distribute the work of internally processed activities

Lesson 5: Generating Requirements for Externally Processed Activities

Lesson Objectives

After completing this lesson, you will be able to:

- Generate purchase requisitions for externally processed activities

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Lesson 6: Scheduling Multiple Resources

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate project systems with Multiple Resource Scheduling (MRS)

Lesson 7: Planning Materials with Networks

Lesson Objectives

After completing this lesson, you will be able to:

- Assign material components manually
- Transfer a Bill of Materials (BOM)

Lesson 8: Planning Costs for WBS

Lesson Objectives

After completing this lesson, you will be able to:

- List methods for cost planning with a Work Breakdown Structure (WBS)
- Plan costs in SAP Business Planning and Consolidation (SAP BPC)

Lesson 9: Planning Costs for Networks

Lesson Objectives

After completing this lesson, you will be able to:

- Plan costs for networks

Lesson 10: Planning Revenue for Projects

Lesson Objectives

After completing this lesson, you will be able to:

- List methods of revenue planning for projects
- Plan revenue using a sales order

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UNIT 6 Project Budgets

Lesson 1: Budgeting Projects

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate cost planning and budgeting
- Create an original budget
- Check availability control

Lesson 2: Integrating Investment Management with SAP S/4HANA Project Systems

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate the budgeting of projects with investment management

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UNIT 7 Project Execution

Lesson 1: Entering Actual Dates for WBS Elements

Lesson Objectives
After completing this lesson, you will be able to:

- Enter actual dates for WBS elements

Lesson 2: Confirming Actual Dates for Networks

Lesson Objectives
After completing this lesson, you will be able to:

- Confirm network activities with the Project Planning Board
- Confirm network activities with the Cross-Application Time Sheet (CATS)

Lesson 3: Posting Documents to WBS Elements with Execution Services

Lesson Objectives
After completing this lesson, you will be able to:

- Create documents with account assignment to projects
- Post documents to WBS elements with Execution Services

Lesson 4: Creating Claims for Projects

Lesson Objectives
After completing this lesson, you will be able to:

- Create claims for a project

Lesson 5: Posting Documents to Networks

Lesson Objectives
After completing this lesson, you will be able to:

- Assign documents to networks

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- Analyze purchase requisitions

Lesson 6: Billing Projects with Milestone Billing

Lesson Objectives

After completing this lesson, you will be able to:

- Execute milestone billing for projects

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UNIT 8 Period-End Closing

Lesson 1: Executing Period-End Closing Procedures

Lesson Objectives

After completing this lesson, you will be able to:

- List typical period-end closing activities
- Analyze projects with progress analysis
- Prepare for period-end settlement
- Perform period-end settlement

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