S4IUT

Exploring Business Processes in SAP S/4HANA Utilities

COURSE OUTLINE

Course Version: 2501
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:

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UNIT 1 Introducing S/4HANA for Utilities

Lesson 1: Determining the Distinctive Features of SAP S/4HANA System

Lesson Objectives

After completing this lesson, you will be able to:

- Identify the characteristics of the SAP S/4HANA system for Utilities.

Lesson 2: Understanding the Core Concepts of S/4HANA Utilities

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the core concepts of SAP S/4HANA.

Lesson 3: Optimizing Business Processes with Artificial Intelligence Integration in SAP S/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze how AI integration in SAP S/4HANA improves supply chain efficiency, financial risk management, and customer engagement.

Lesson 4: Applying Data Analytics and Big Data in SAP S/4HANA Utilities

Lesson Objectives

After completing this lesson, you will be able to:

- Apply data analytics techniques to evaluate and optimize business processes in SAP S/4HANA Utilities.

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UNIT 2 Executing Basic Functions and Master Data

Lesson 1: Analyzing the Core Components of Business Master Data

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze the attributes and functions of a business partner.

Lesson 2: Analyzing Key Aspects of Technical Master Data

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze the structure and components of technical master data.

Lesson 3: Deregulating Master Data

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze the composition and functionality of deregulation master data.

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UNIT 3

Exploring the Move-In/Out Process

Lesson 1: Exploring the Move-In/Out Process

Lesson Objectives

After completing this lesson, you will be able to:

- Explore the move in/out process.

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UNIT 4 Utilizing Services Processes

Lesson 1: Integrating the Utilities Processes with the Maintenance Service Order in SAP S/4HANA Service

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate the Utilities Processes with the Maintenance Service Order in SAP S/4HANA Service.

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UNIT 5 Explaining Device Installation

Lesson 1: Explaining the Device Installation Process

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze the scope of device installation and apply this knowledge to set up new devices.

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UNIT 6 Demonstrating Meter Reading

Lesson 1: Demonstrating the Meter Reading Process

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze the process of meter reading and apply this understanding in practical tasks.

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UNIT 7

Implementing the Billing and Invoicing Process

Lesson 1: Executing Billing and Invoicing

Lesson Objectives

After completing this lesson, you will be able to:

- Use billing master data to to specify contract billing rules for residential, commercial, and industrial customers.

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UNIT 8

Implementing Contract Accounts Receivable and Payable

Lesson 1: Using the Functions of Contract Accounts Receivable and Payable

Lesson Objectives

After completing this lesson, you will be able to:

- Use the functions of Contract Accounts Receivable and Payable.

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UNIT 9

Explaining Measurement Concept Management

Lesson 1: Explaining Measurement Concept Management.

Lesson Objectives

After completing this lesson, you will be able to:

- Explain Measurement Concept Management.

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UNIT 10

Utilizing Customer Engagement Functions for Effective Customer Service Operations

Lesson 1: Utilizing Customer Engagement Functions

Lesson Objectives

After completing this lesson, you will be able to:

- Apply customer engagement functions to enhance service efficiency and responsiveness.

Lesson 2: Analyzing SAP S/4HANA Utilities Customer Service and Engagement Processes

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze various SAP S/4HANA Utilities Customer Service processes and apply them to manage contracts, collections, and service requests effectively.

Lesson 3: Applying SAP S/4HANA Utilities for Customer Engagement Architecture and Integration

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze the architecture and integration of SAP S/4HANA Utilities for Customer Engagement.

Lesson 4: Explaining Utilities Product Integration Layer Energy Product within SAP S/4HANA Utilities

Lesson Objectives

After completing this lesson, you will be able to:

- Identify the steps involved in creating and utilizing a Utilities Product Integration Layer Energy Product within SAP S/4HANA Utilities.

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UNIT 11

Explaining Asset Management (EAM) Architecture

Lesson 1: Understanding Asset Strategy and Performance Management

Lesson Objectives

After completing this lesson, you will be able to:

- Explain Asset Management (EAM) Architecture.

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UNIT 12

Utilizing RISE with SAP for Utilities Customer Journey

Lesson 1: Using RISE with SAP for Utilities Customer Journey

Lesson Objectives

After completing this lesson, you will be able to:

- Use RISE with SAP for Utilities Customer Journey.

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