

# S4RD1

## SAP S/4HANA: R&D Engineering - Functions and Innovations

### COURSE OUTLINE

Course Version: 23  
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:

- Business Analyst
- Business Process Architect
- Business Process Owner/Team Lead/Power User



# UNIT 1

# Introduction

## Lesson 1: Introducing SAP Fiori UX

### Lesson Objectives

After completing this lesson, you will be able to:

- Give an overview of the SAP Fiori UX and work with it



## Lesson 1: Working with SAP Engineering Control Center

### Lesson Objectives

After completing this lesson, you will be able to:

- Work with the Engineering Control Center



## Lesson 1: Documents

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand how to work with documents

## Lesson 2: Product

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand how to work with products

## Lesson 3: Managing Material BOM

### Lesson Objectives

After completing this lesson, you will be able to:

- Manage the bill of materials

## Lesson 4: Characteristics and Classes

### Lesson Objectives

After completing this lesson, you will be able to:

- Manage classes and characteristics

## Lesson 5: Work Centers and Routings

### Lesson Objectives

After completing this lesson, you will be able to:

- Manage work centers and routings

## Lesson 6: Product Structures

### Lesson Objectives

After completing this lesson, you will be able to:

- Manage product structures

## Lesson 1: Managing Change Masters

### Lesson Objectives

After completing this lesson, you will be able to:

- Manage change masters

## Lesson 2: Managing Change Records

### Lesson Objectives

After completing this lesson, you will be able to:

- Work with change records



## Lesson 1: Advanced Variant Configuration

### Lesson Objectives

After completing this lesson, you will be able to:

- Work with the advanced variant configuration

## Lesson 2: Additional Material BOM functions

### Lesson Objectives

After completing this lesson, you will be able to:

- Define software constraints
- Add software materials to a material BOM
- Define software constraints
- Understand BOM versioning
- Release a material BOM
- Perform a handover to manufacturing



## Lesson 1: Product Lifecycle Costing

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand and use SAP Product Lifecycle Costing

## Lesson 2: 3D Visual Enterprise

### Lesson Objectives

After completing this lesson, you will be able to:

- Work with Visual Enterprise
- Work with the Visual Manufacturing Planner
- Work with the Visual Instance Planner