

# UX100

## SAP Fiori – Foundation

### COURSE OUTLINE

Course Version: 20

Course Duration:



# SAP Copyrights, Trademarks and Disclaimers

© 2019 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. Please see <http://global12.sap.com/corporate-en/legal/copyright/index.epx> for additional trademark information and notices.

Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors.

National product specifications may vary.

This course may have been machine translated and may contain grammatical errors or inaccuracies.








These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP SE or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP SE or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE's or its affiliated companies' strategy and possible future developments, products, and/or platform directions and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.

# 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	<i>Example text</i>
Window title	<i>Example text</i>

# Contents

**vii**      **Course Overview**

**1**      **Unit 1:      End-User Perspective**

- 1      Lesson: Exploring SAP Fiori Design
- 1      Lesson: Exploring SAP Fiori Launchpad
- 1      Lesson: Personalizing SAP Fiori
- 1      Lesson: Exploring SAP Fiori Data Handling

**3**      **Unit 2:      Technology**

- 3      Lesson: Explaining User Interfaces
- 3      Lesson: Explaining Data Services
- 3      Lesson: Explaining Application Types

**5**      **Unit 3:      Architecture**

- 5      Lesson: Examining SAP Fiori for Suite on Any DB
- 5      Lesson: Examining SAP Fiori for Suite on HANA
- 5      Lesson: Examining SAP Fiori for S/4HANA

**7**      **Unit 4:      Configuration**

- 7      Lesson: Creating SAP Fiori Groups
- 7      Lesson: Referencing SAP Fiori Catalogs
- 7      Lesson: Creating SAP Fiori Catalogs
- 7      Lesson: Creating LPD\_CUST Target Mappings
- 7      Lesson: Creating SAPUI5 Target Mappings
- 7      Lesson: Creating Web Dynpro Target Mappings
- 8      Lesson: Creating Transaction Target Mappings
- 8      Lesson: Creating Back-End Catalogs
- 8      Lesson: Configuring SAP Fiori Launchpad
- 8      Lesson: Configuring Analytical Applications

**9**      **Unit 5:      Adaptation**

- 9      Lesson: Using the UI Theme Designer
- 9      Lesson: Using SAP Screen Personas
- 9      Lesson: Using SAP Fiori Runtime Authoring
- 9      Lesson: Extending SAP Fiori Applications

**11**      **Unit 6:      Mobility**

- 11      Lesson: Examining SAP Fiori Mobile
- 11      Lesson: Examining SAP Fiori for iOS

**13**      **Unit 7:      Integration**

13	Lesson: Integrating SAP Workflow in SAP Fiori
13	Lesson: Integrating SAP Fiori in SAP Enterprise Portal
13	Lesson: Exploring SAP Cloud Platform

# Course Overview

## **TARGET AUDIENCE**

This course is intended for the following audiences:

- Application Consultant
- Developer
- Enterprise Architect
- Solution Architect
- System Administrator
- System Architect





## Lesson 1: Exploring SAP Fiori Design

### Lesson Objectives

After completing this lesson, you will be able to:

- Explore the design of SAP Fiori

## Lesson 2: Exploring SAP Fiori Launchpad

### Lesson Objectives

After completing this lesson, you will be able to:

- Explore the SAP Fiori launchpad

## Lesson 3: Personalizing SAP Fiori

### Lesson Objectives

After completing this lesson, you will be able to:

- Personalize SAP Fiori

## Lesson 4: Exploring SAP Fiori Data Handling

### Lesson Objectives

After completing this lesson, you will be able to:

- Explore SAP Fiori data handling



## Lesson 1: Explaining User Interfaces

### Lesson Objectives

After completing this lesson, you will be able to:

- Explain user interfaces

## Lesson 2: Explaining Data Services

### Lesson Objectives

After completing this lesson, you will be able to:

- Explain data services

## Lesson 3: Explaining Application Types

### Lesson Objectives

After completing this lesson, you will be able to:

- Explain application types
- Using SAP Fiori App Recommendations



## **Lesson 1: Examining SAP Fiori for Suite on Any DB**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Examine SAP Fiori for suite on any DB

## **Lesson 2: Examining SAP Fiori for Suite on HANA**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Examine SAP Fiori for suite on HANA

## **Lesson 3: Examining SAP Fiori for S/4HANA**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Examine SAP Fiori for SAP S/4HANA



## Lesson 1: Creating SAP Fiori Groups

### Lesson Objectives

After completing this lesson, you will be able to:

- Create SAP Fiori groups

## Lesson 2: Referencing SAP Fiori Catalogs

### Lesson Objectives

After completing this lesson, you will be able to:

- Reference SAP Fiori catalogs

## Lesson 3: Creating SAP Fiori Catalogs

### Lesson Objectives

After completing this lesson, you will be able to:

- Create SAP Fiori catalogs

## Lesson 4: Creating LPD\_CUST Target Mappings

### Lesson Objectives

After completing this lesson, you will be able to:

- Create LPD\_CUST target mappings

## Lesson 5: Creating SAPUI5 Target Mappings

### Lesson Objectives

After completing this lesson, you will be able to:

- Create SAPUI5 target mappings

## Lesson 6: Creating Web Dynpro Target Mappings

### Lesson Objectives

After completing this lesson, you will be able to:

- Create Web Dynpro target mappings

## **Lesson 7: Creating Transaction Target Mappings**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Create transaction target mappings

## **Lesson 8: Creating Back-End Catalogs**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Create back-end catalogs

## **Lesson 9: Configuring SAP Fiori Launchpad**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Configure SAP Fiori launchpad

## **Lesson 10: Configuring Analytical Applications**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Enable SAP Fiori Smart Business
- Model SAP Fiori KPI Apps



## Lesson 1: Using the UI Theme Designer

### Lesson Objectives

After completing this lesson, you will be able to:

- Use the UI Theme Designer

## Lesson 2: Using SAP Screen Personas

### Lesson Objectives

After completing this lesson, you will be able to:

- Use SAP screen personas

## Lesson 3: Using SAP Fiori Runtime Authoring

### Lesson Objectives

After completing this lesson, you will be able to:

- Use SAP Fiori runtime authoring

## Lesson 4: Extending SAP Fiori Applications

### Lesson Objectives

After completing this lesson, you will be able to:

- Extend SAP Fiori applications
- Extend SAP Fiori launchpad



## Lesson 1: Examining SAP Fiori Mobile

### Lesson Objectives

After completing this lesson, you will be able to:

- Examine SAP Fiori Mobile

## Lesson 2: Examining SAP Fiori for iOS

### Lesson Objectives

After completing this lesson, you will be able to:

- Examine SAP Fiori for iOS



## **Lesson 1: Integrating SAP Workflow in SAP Fiori**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Integrate SAP Workflow in SAP Fiori

## **Lesson 2: Integrating SAP Fiori in SAP Enterprise Portal**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Integrate SAP Fiori in SAP Enterprise Portal

## **Lesson 3: Exploring SAP Cloud Platform**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Explore SAP Cloud Platform