

# EWM115

## Resource Management in SAP Extended Warehouse Management

### COURSE OUTLINE

Course Version: 19

Course Duration:

# SAP Copyrights, Trademarks and Disclaimers

© 2021 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.

These materials 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: Optimization of Resources and Processes**

- 1 Lesson: Using Mobile Devices
- 1 Lesson: Managing Resources
- 1 Lesson: Distributing Work to Resources
- 1 Lesson: Optimizing The Work of Resources
- 1 Lesson: Setting Up the Pick, Pack, and Pass Process

**3 Unit 2: Control of Physical Movements in the Warehouse**

- 3 Lesson: Setting Up Layout-Oriented Storage Control
- 3 Lesson: Integrating a Material Flow System



# Course Overview

## **TARGET AUDIENCE**

This course is intended for the following audiences:

- Application Consultant
- Project Manager
- Project Stakeholder
- Systems Architect





## Lesson 1: Using Mobile Devices

### Lesson Objectives

After completing this lesson, you will be able to:

- Use mobile devices
- Optimize mobile device processing

## Lesson 2: Managing Resources

### Lesson Objectives

After completing this lesson, you will be able to:

- Manage resources
- Work with the Pick by Cart app

## Lesson 3: Distributing Work to Resources

### Lesson Objectives

After completing this lesson, you will be able to:

- Distribute work to resources
- Set up travel distance calculation
- Optimization with SAP Warehouse Insights

## Lesson 4: Optimizing The Work of Resources

### Lesson Objectives

After completing this lesson, you will be able to:

- Set up system-guided or semi-system-guided processes
- Set up task interleaving
- Optimize warehouse orders

## Lesson 5: Setting Up the Pick, Pack, and Pass Process

## **Lesson Objectives**

After completing this lesson, you will be able to:

- Set up the pick, pack, and pass process

## Lesson 1: Setting Up Layout-Oriented Storage Control

### Lesson Objectives

After completing this lesson, you will be able to:

- Set up layout-oriented storage control
- Enhance the Pick, Pack, and Pass Process

## Lesson 2: Integrating a Material Flow System

### Lesson Objectives

After completing this lesson, you will be able to:

- Set up a basic material flow system scenario