



## Sydney Institute of ERP

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## TEWM1e - Extended Warehouse Management

The course will give you a solid fundamentals and comprehensive overview of the SAP Extended Warehouse Management (EWM) business processes and customizing. After attending the class you will understand the basic and advanced business processes and functions, the configuration of important business processes and features and the basics of integration of SAP Extended Warehouse Management (SAP EWM).

### Goals

- ✓ Understand the major processes and functions in Extended Warehouse Management (EWM)
- ✓ Understand the basic organizational data related to Extended Warehouse Management (EWM)
- ✓ Understand the EWM Master Data integration with the ERP system
- ✓ Understand the EWM documents used in the inbound, outbound and warehouse processes
- ✓ Configure and use major features of SAP Extended Warehouse Management
- ✓ Configure and use advanced features of SAP Extended Warehouse Management
- ✓ Configure and use labor management in SAP Extended Warehouse Management

### Contents

- Warehousing - Introduction
- Integration
- Structural Elements and Master Data
- Warehouse Process Types
- Goods Receipt
- Goods Issue

- Storage Control
- Warehouse Order Creation
- Posting Changes, Stock Transfers and Replenishment
- Physical Inventory
- Slotting and Rearrangement
- Post Processing Framework
- Basic EWM Data Setup
- Extension of Work with Deliveries
- Expansion of your Warehouse
- Optimization of Resources and Processes
- Control of Physical Movements in the Warehouse
- Integration of Manufacturing
- EWM Analytics
- Labor Management.

## **Notes**

The content of the above course corresponds to the content of the standard EWM100, EWM110, EWM120 and EWM125 courses.

The SAP e-learning and systems are accessible for 4 months for supported learning at your own pace.

## **EWM100 - Extended Warehouse Management - Processes**

### **Goals**

- Understand the major processes and functions in Extended Warehouse Management (EWM)
- Understand the basic organizational data related to Extended Warehouse Management (EWM)
- Understand the EWM Master Data integration with the ERP system
- Understand the EWM documents used in the inbound, outbound and warehouse processes

### **Contents**

- Warehousing - Introduction
- Using Warehouse Management

- Differentiating the SAP Solutions for Warehouse Management
- Outlining Organizational Structures
- Reviewing Master Data for EWM
- Basic Processes in EWM
- Receiving Goods
- Shipping Goods
- Additional Functions in EWM
- Applying Storage Control
- Handling Serial Numbers
- Mapping Quality Inspection Processes
- Applying Value-Added Services
- Keep the Warehouse Organized
- Performing Slotting and Rearrangement
- Applying Different Replenishment Methods
- Performing a Physical Inventory
- Optimization of Resources
- Using Wave Management
- Applying Labor Management
- Using the Warehouse Monitor
- Outlining the Radio Frequency Framework
- Ensuring Production Supply
- Executing Expected Goods Receipts Processes
- Using Cross Docking
- Extend the Warehouse
- Outlining the Features of Yard Management
- Using the Material Flow System

## **EWM110 - Extended Warehouse Management - Customizing**

### **Goals**

- Configure and use major features of SAP Extended Warehouse Management.

### **Contents**

- The Extended Warehouse Management System Environment
- Outlining the Basics of EWM

- Integration
- Setting Up the Integration Between SAP ERP and SAP EWM
- Setting Up Delivery Document Integration
- Structural Elements and Master Data
- Creating Structural Elements in EWM
- Working with the APO Core Interface
- Reviewing EWM Master Data
- Warehouse Process Types
- Applying Warehouse Process Types
- Goods Receipt
- Outlining Goods Receipt Processes in EWM
- Setting Up Availability Groups for Inventory Management
- Configuring Direct Putaway
- Applying Putaway Rules and Strategies
- Checking Capacities
- Goods Issue
- Outlining the Goods Issue Process in EWM
- Applying the Stock Removal Strategies
- Handling Pick Denials and Picking Differences
- Processing Batch Managed Products in EWM
- Combining Items in Waves
- Storage Control
- Outlining the Storage Control Concepts
- Configuring Process-Oriented Storage Control
- Configuring Layout-Oriented Storage Control
- Warehouse Order Creation
- Creating Warehouse Orders
- Posting Changes, Stock Transfers and Replenishment
- Performing Posting Changes and Stock Transfers
- Performing Ad Hoc Movements and Replenishment
- Physical Inventory
- Outlining the Physical Inventory Process
- Setting Up the Procedures for Physical Inventory
- Slotting and Rearrangement
- Configuring the Slotting Process
- Post Processing Framework
- Outlining the Post Processing Framework
- Applying the Post Processing Framework in Delivery Processing

## **EWM120 - Extended Warehouse Management Customizing - Part II**

### **Goals**

- Configure and use further features of SAP Extended Warehouse Management.

### **Contents**

- Basic Setup
- Performing Basic EWM Data Setup
- Extension of Work with Deliveries
- Setting Up Value-Added Services
- Setting Up Cross-Docking
- Creating Direct Outbound Deliveries
- Expansion of your Warehouse
- Setting Up Yard Management
- Setting Up the Determination of Staging Areas, Doors and Routes
- Planning Transportation
- Optimization of Resources and Processes
- Setting Up Travel Distance Calculation
- Using Mobile Data Entry
- Working with Resources
- Setting Up the Pick, Pack and Pass Process
- Control of Physical Movements in the Warehouse
- Setting Up Layout-Oriented Storage Control
- Integrating a Material Flow System
- Integration of Manufacturing
- Integrating Manufacturing Processes
- Working with Serial Numbers
- Using Quality Management in SAP EWM
- Setting Up a Kit-To-Order Process
- EWM Analytics
- Using Monitoring and Analytical Functions

## **EWM125 - Labor Management in EWM**

### **Goals**

- Configure and use labor management in SAP Extended Warehouse Management.
- Plan labor times and resources in your warehouse more effectively

### **Contents**

- Explanation of the features and functions of Labor Management.
- Activating Labor Management
- Explanation and creation of the processor master data
- Configuration of the external steps and activities
- Configuration of preprocessing
- Definition and configuration of engineered labor standards (ELS)
- Usage of the formula and condition editors
- Explanation of the basic concepts and use of the travel distance calculation function.
- Explanation, creation and recording of direct and indirect labor tasks.
- Selection and evaluation of indirect labor tasks using the warehouse management monitor
- Usage of the RF framework to create and process indirect labor tasks

### **Course Based on Software Component (s) and Release (s)**

SAP EWM 9.0

SAP ERP 6.0 EhP6

### **Access to SAP ERP software and Training materials**

SAP training materials will be provided for this course. Access to the latest SAP software will be granted through SAP's training clients.

### **Mode of Delivery & Duration**

The course is offered through online mode. The e-learning and SAP system access will be available for 4 months.

**Award**

On successful completion of this course, you will receive an Executive Certificate in ERP (SAP Extended Warehouse Management) from Sydney Institute of ERP.

**Campus Location**

Level 2, 80 Mount Street, North Sydney, NSW 2060

**SAP Certification**

On completion of the course, you can sit for formal certification exam (C\_EWM\_90) with SAP Australia. On successful completion, you will become an SAP Certified Application Associate - SAP Extended Warehouse Management 9.0, and receive a consultant certificate at the associate level from SAP Germany.

**Note:**

Certification examination for SAP Certified Application Associate - SAP Extended Warehouse Management 9.0 is based on the content of the courses EWM100, EWM110, EWM120 and EWM125.