S/4HANA EWM – Course Syllabus

1. SAP Introduction

- Overview of SAP R/3
- Overview of SAP ECC
- Overview of SAP SCM
- Overview SAP S/4 HANA
- Comparison of SAP R/3, SAP ECC, and SAP S/4 HANA
- SAP ECC & SAP S/4 HANA system landscapes, deployments and databases
- Delta Changes & new features

2. Introduction to SAP HANA

- SAP In-Memory Strategy
- Architecture Overview
- Row Store
- Column Store
- Attribute Views
- Calculation Views

3. Introduction to SAP S/4 HANA

- S/4HANA Roadmap
- Benefits of S/4 HANA from business perspective

- Ways from Business Suite to S/4 HANA
- Deployment Options (On Premise, Cloud and Hybrid)

4. Introduction to SAP Activate Methodology

- System conversion
- Landscape transformation
- New Implementation

5. Overview of SAP HANA Cloud Solutions

- SAP Strategy for Cloud and SAP HANA
- SAP Cloud Data Centers
- SAP HANA Enterprise Cloud
- SAP HANA Enterprise Cloud Use Cases
- Examples of On-Premise to Cloud Integration

6. Key Innovations

- Business Partner
- Order Management Billing
- Credit Management
- Inventory Management
- Material Requirement Planning
- Architectural Changes / Configurations related to Sales

7. Overview of Fiori Apps

- Overview of SAP Fiori Apps related to Logistics / Supply Chain

8. SAP S/4 HANA Deployment Options in EWM

- Organizational Units in EWM in S/4
- EWM Landscape.Existing & New
- Planned EWM Road Map for S/4HANA
- Embedded EWM.Business Benefits

9. Master Data in S/4 HANA System

- Master Data creation
- Core Interface (CIF) existing and New

10. Integration in S/4HANA System

- Basic ERP and EWM Integration
- Delivery Document Integration

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11. Structural Elements and Master Data in S/4HANA System

- EWM Structural Elements
- EWM Master Data

12. Radio Frequency (RF) Frame Work

- How to use RF Framework
- Developing new screens in RF
- Layout Oriented Storage Control
- ITS Mobile and how to create templates for different mobile devices

13. Goods Receipt and Inbound Process

- Goods Receipt Process Overview
- Goods Receipt using EWM
- ERP and EWM documents
- Availability Groups for Inventory Management
- Goods Receipt Process Overview
- Put-away Rules & Strategies
- Process Oriented Storage Control
- Packing HU management Pack Specification
- Deconsolidation
- Value Added Services (VAS)
- Counting in EWM

14. Goods Issue and Outbound Process

- Goods Issue Process
- Outbound Delivery Processing
- EWM Documents
- Storage Control in Outbound Processing
- Stock / Storage Removal Strategies
- Pick Denial / Handling Differences in Picking
- Batch Management
- Using Pack Specification Condition records management
- Wave processing
- Replenishment

15. Storage Control

- Storage Control Concepts
- Process-Oriented Storage Control
- Layout-Oriented Storage Control

16. Warehouse Order Creation

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- Warehouse Order Creation

17. Posting Changes, Stock Transfers and Replenishment

- Posting Changes and Stock Transfers
- Ad-Hoc Movements and Replenishment

18. Physical Inventory

- The Physical Inventory Process
- EWM Physical Inventory Procedures

19. Slotting and Rearrangement

- Slotting and Rearrangement

20. Post Processing Framework (PPF)

- Overview of Post Processing Framework (PPF)
- PPF in Delivery Processing
- Process & Layout Oriented SC
- PPF & Printing Conditions Records in EWM

21. Yard Management

- Introduction to Yard Management and Usage

22. Serial Management in SAP EWM System

- Inventory Level
- Bin Level
- Warehouse Level

23. Cross Docking in SAP EWM System

- Opportunistic Cross Docking
- Transportation Cross Docking

24. Kitting in SAP EWM System

- Kit to order
- Kit to stock
- Reverse Kitting

25. SAP EWM integration with other modules

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- Integration of EWM with MM (IM)
- Integration of EWM with PP
- Integration of EWM with SD
- Integration of EWM with TM

26. SAP S/4 HANA – Interfaces

- SAP to SAP Interface
- SAP to non-SAP Interface