

TECHSCHOLARSS EDUCATION & TRAINING SERVICES PVT LTD

SAP WM Course Curriculum

Warehouse Management | SAP WM & S/4HANA Warehouse Processes

Industry-focused SAP WM training covering warehouse organizational structure, storage types and bins, material and warehouse master data, transfer requirements, transfer orders, putaway, picking, stock transfers, inventory management, physical inventory, handling units, replenishment, batch and serial number concepts, RF overview, integration with MM, SD and PP, monitoring and real-world warehouse projects.

Website: www.techscholarss.com

Course Overview

The SAP WM curriculum is designed to develop practical functional knowledge for warehouse operations using SAP Warehouse Management. It covers warehouse structure, storage-bin management, transfer requirements and transfer orders, inbound and outbound warehouse processes, picking and putaway strategies, inventory management, physical inventory, warehouse monitoring and integration with SAP MM, SD and PP. The curriculum also introduces the relationship between classic SAP WM and modern EWM processes.

Course Objectives

- Understand SAP Warehouse Management architecture and end-to-end warehouse processes.
- Configure warehouse numbers, storage types, storage sections and storage bins.
- Maintain warehouse-relevant material and master data.
- Create and manage transfer requirements and transfer orders.
- Execute inbound putaway and outbound picking processes.
- Understand stock movements, warehouse transfers and replenishment.
- Work with handling units, batches and serial-number concepts.
- Execute physical inventory and inventory-difference processes.
- Understand warehouse movement types and interim storage concepts.
- Use RF and mobile warehouse execution concepts.
- Integrate SAP WM with MM, SD and PP processes.
- Monitor warehouse activities and troubleshoot common WM issues.
- Understand classic WM capabilities and transition considerations toward S/4HANA/EWM.

Module 1: SAP WM Introduction & Architecture

Tools Covered: SAP WM, SAP ERP, SAP S/4HANA

- Introduction to SAP Warehouse Management
- Warehouse-management business processes
- SAP WM architecture and components
- Inventory Management versus Warehouse Management
- Warehouse execution lifecycle
- Classic WM overview
- Relationship between WM and EWM
- Integration with SAP logistics
- Implementation and support lifecycle

Module 2: Warehouse Organizational Structure

Tools Covered: SPRO, SAP WM Configuration

- Warehouse number
- Storage type
- Storage section
- Storage bin
- Picking area
- Door and staging-area concepts
- Warehouse organizational assignments
- Storage-type design
- Warehouse-structure configuration

Module 3: WM Material & Warehouse Master Data

Tools Covered: Material Master, WM Views, Warehouse Data

- Material master concepts for WM
- Warehouse-management views
- Storage-type data
- Storage-bin and capacity concepts
- Units of measure
- Batch and serial-number concepts
- Putaway and stock-removal indicators
- Warehouse master-data maintenance
- Master-data validation and troubleshooting

Module 4: Storage Types, Sections & Bins

Tools Covered: Storage Types, Storage Sections, Bins

- Storage-type concepts
- Storage-type control parameters
- Storage sections
- Storage-bin structure
- Bin types and capacity
- Fixed and dynamic bin concepts
- Bulk storage overview
- Bin determination
- Warehouse layout design
- Storage-structure troubleshooting

Module 5: Transfer Requirements & Transfer Orders

Tools Covered: LT01, LT10, Transfer Orders

- Transfer-requirement concepts
- Transfer-order lifecycle
- Transfer-order creation
- Manual and automatic TO creation
- Transfer-order items
- Source and destination bins
- Confirmation of transfer orders
- Open transfer orders
- TO monitoring
- Transfer-order troubleshooting

Module 6: Putaway Processes & Strategies

Tools Covered: WM Putaway, Transfer Orders

- Inbound warehouse process
- Goods receipt integration
- Putaway strategies
- Fixed-bin putaway
- Addition to existing stock
- Empty-bin search
- Storage-type search sequence
- Putaway movement types
- Putaway confirmation
- Putaway troubleshooting

Module 7: Picking & Outbound Warehouse Processes

Tools Covered: WM Picking, Transfer Orders, SD

- Outbound delivery integration
- Picking process
- Transfer-order creation for picking
- Picking strategies
- Stock removal
- Picking confirmation
- Partial picking
- Staging concepts
- Goods issue
- Outbound-process troubleshooting

Module 8: Stock Transfers & Internal Warehouse Movements

Tools Covered: LT01, LT10, WM Stock Movements

- Warehouse-to-warehouse transfers
- Storage-type-to-storage-type movement
- Bin-to-bin movement
- Posting changes
- Stock transfer requirements
- Internal warehouse movements
- Movement types
- Interim storage areas
- Stock-transfer monitoring
- Internal-movement troubleshooting

Module 9: Replenishment & Stock Removal

Tools Covered: WM Replenishment, Stock Removal Strategies

- Replenishment concepts
- Planned replenishment
- Automatic replenishment overview
- Fixed-bin replenishment
- Minimum and maximum stock
- Stock-removal strategies
- FIFO concepts
- LIFO concepts
- Picking-area replenishment
- Replenishment monitoring

Module 10: Physical Inventory in SAP WM

Tools Covered: LI01N, LI11N, LI20, LI21

- WM physical-inventory concepts
- Physical-inventory documents
- Bin-level inventory counting
- Cycle-counting overview
- Count entry
- Recount process
- Inventory differences
- Difference posting
- Inventory reconciliation
- Physical-inventory troubleshooting

Module 11: Handling Units, Batches & Serial Numbers

Tools Covered: Handling Units, Batch Management, Serial Numbers

- Handling-unit concepts
- Packaging and warehouse handling
- Batch management overview
- Batch determination concepts
- Serial-number management
- Stock identification
- Traceability
- Handling-unit movements
- Warehouse stock tracking
- Master-data and movement troubleshooting

Module 12: RF & Mobile Warehouse Execution

Tools Covered: RF Overview, SAP WM

- RF warehouse execution concepts
- Mobile data entry overview
- RF transactions
- Putaway through RF
- Picking through RF
- Stock inquiry
- Transfer-order confirmation
- User and device concepts
- RF exception handling
- Mobile warehouse troubleshooting

Module 13: Warehouse Movement Types & Interim Storage

Tools Covered: WM Movement Types, Interim Storage

- WM movement-type concepts
- IM-WM integration
- Interim storage types
- Goods-receipt interim storage
- Goods-issue interim storage
- Difference and posting-change movements
- Transfer-order requirement creation
- Movement-type configuration overview
- Document-flow analysis
- Movement troubleshooting

Module 14: WM Integration with MM, SD & PP

Tools Covered: SAP MM, SD, PP, WM

- WM-MM integration
- Purchase-order and goods-receipt flow
- WM-SD integration
- Outbound delivery and picking flow
- Goods issue integration
- WM-PP integration overview
- Production staging concepts
- Material availability
- Cross-functional document flow
- Integration troubleshooting

Module 15: Warehouse Monitoring, Reports & Support

Tools Covered: Warehouse Monitor, WM Reports

- Warehouse monitoring concepts
- Open transfer-order analysis
- Warehouse-stock reporting
- Bin and storage-type analysis
- Inventory-difference reports
- Delivery and picking monitoring
- Exception analysis
- Application-log concepts
- Support-ticket analysis
- Root-cause analysis and production support

Module 16: SAP S/4HANA Warehouse Processes & WM Evolution

Tools Covered: SAP S/4HANA, EWM Overview, Fiori

- S/4HANA warehouse-management overview
- Classic WM transition considerations
- EWM relationship and evolution
- S/4HANA logistics integration
- Fiori warehouse applications overview
- Modern warehouse-execution concepts
- Migration considerations
- Warehouse-data transition concepts
- Embedded and decentralized EWM overview
- Future-ready warehouse processes

Module 17: Real-World SAP WM Projects

Tools Covered: SAP WM, MM, SD, PP

- Warehouse organizational-structure project
- Storage-type and bin-layout project
- WM master-data implementation
- Inbound and putaway project
- Outbound picking project
- Transfer-order implementation
- Replenishment project
- Physical-inventory project
- Handling-unit and batch-tracking scenario
- RF warehouse-execution scenario
- MM/SD/PP integration project
- End-to-end SAP WM implementation and production-support case study

Module 18: Resume Building & Interview Preparation

Tools Covered: SAP WM Scenarios, Mock Interviews

- SAP WM resume preparation
- Project profile preparation
- End-to-end warehouse-process explanation
- Warehouse-structure questions
- Material and storage-bin questions
- Transfer-requirement and transfer-order questions
- Putaway questions
- Picking questions
- Replenishment and physical-inventory questions
- MM/SD/PP integration questions
- S/4HANA and EWM transition questions
- Scenario-based troubleshooting and mock interviews

Tools & Technologies Covered

- SAP WM / Warehouse Management
- SAP ERP and SAP S/4HANA Warehouse Processes
- SAP GUI and SAP Fiori Concepts
- Warehouse Numbers, Storage Types, Sections and Bins
- Transfer Requirements and Transfer Orders
- Putaway and Stock Removal Strategies
- Picking, Staging and Goods Issue

- Replenishment
- Physical Inventory
- Handling Units
- Batch and Serial Number Concepts
- RF / Mobile Warehouse Concepts
- MM-WM, SD-WM and PP-WM Integration
- Warehouse Monitoring and Reporting
- EWM Evolution and Transition Concepts

Career Opportunities After This Program

- SAP WM Consultant
- SAP WM Functional Consultant
- SAP Warehouse Management Consultant
- SAP WM Support Consultant
- SAP S/4HANA Warehouse Consultant
- SAP Logistics Functional Consultant
- SAP Warehouse Process Consultant
- SAP Inventory Management Consultant
- SAP WM Implementation Consultant
- SAP Supply Chain Consultant
- SAP Warehouse Business Analyst
- SAP Application Support Consultant

Why Choose TechScholarss?

- Industry-oriented SAP WM curriculum
- Hands-on warehouse-process practice
- Real-world inbound and outbound scenarios
- Live project-based learning
- Practical putaway, picking and transfer-order exercises
- Experienced trainers
- Flexible online and offline batches
- Resume and interview preparation
- Internship support
- Placement assistance
- Industry-focused certification

Certification & Program Outcome

Students completing the program can receive a TechScholarss SAP WM Course Certificate, subject to the institute's completion criteria. By the end of the program, learners should be able to understand SAP WM architecture, configure warehouse structures, manage storage bins and warehouse master data, process transfer requirements and transfer orders, execute putaway and picking, perform replenishment and physical inventory, understand RF and handling-unit

concepts, integrate WM with MM, SD and PP, monitor warehouse operations and participate in SAP WM implementation and production-support projects.

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