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SAP TM (Transportation Management) Training Curriculum Online by Certified Consultant

Module 1: Introduction to SAP Transportation Management (SAP TM)

- Overview of SAP TM
- Transportation Management Business Processes
- SAP TM Architecture and Components
- SAP TM Deployment Options
- Integration with SAP S/4HANA
- Logistics and Supply Chain Management Overview
- Transportation Planning Concepts

Module 2: SAP TM System Landscape and Master Data

- SAP TM System Architecture
- Organizational Structure in SAP TM
- Business Partner Management
- Locations and Transportation Zones
- Transportation Networks
- Product Master Data
- Resource Management
- Carrier Master Data

Module 3: Transportation Requirements Management

- Freight Unit Management
- Freight Unit Building Rules (FUBR)
- Transportation Demand Management
- Order-Based Transportation Requirements
- Delivery-Based Transportation Requirements
- Freight Unit Lifecycle
- Requirement Consolidation

Module 4: Transportation Planning

- Manual Transportation Planning



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- Automated Transportation Planning
- Transportation Cockpit Overview
- Planning Profiles and Strategies
- Consolidation Planning
- Route Determination
- Capacity Planning
- Load Building Concepts

Module 5: Freight Order Management

- Freight Order Creation
- Freight Booking Management
- Freight Order Lifecycle
- Freight Order Execution
- Multi-Modal Transportation Planning
- Freight Order Monitoring
- Freight Order Document Flow

Module 6: Carrier Selection and Tendering

- Carrier Management
- Carrier Selection Strategies
- Tendering Process Overview
- Manual Tendering
- Automated Tendering
- Carrier Response Processing
- Freight Procurement Concepts
- Contract Management

Module 7: Transportation Charge Management

- Introduction to Charge Management
- Charge Calculation Concepts
- Charge Types and Scales
- Freight Agreements
- Rate Tables and Rate Maintenance
- Charge Calculation Profiles
- Settlement Calculation
- Cost Distribution

Module 8: Transportation Execution

- Freight Order Execution Process
- Shipment Tracking
- Transportation Event Management
- Exception Handling
- Transportation Monitoring
- Proof of Delivery (POD)
- Execution Status Management
- Transportation Visibility

Module 9: Freight Settlement

- Freight Settlement Process
- Settlement Document Creation
- Carrier Invoice Verification
- Dispute Management
- Settlement Posting
- Integration with SAP Finance
- Cost Allocation
- Settlement Reporting

Module 10: SAP TM Integration

- Integration with SAP S/4HANA
- Integration with SAP ERP
- Integration with SAP EWM
- Integration with SAP GTS
- Integration with SAP Business Network for Logistics
- IDocs and Web Services
- CIF and Master Data Integration
- End-to-End Logistics Processes

Module 11: SAP TM Planning and Optimization

- Transportation Optimization Concepts
- Vehicle Routing and Scheduling
- Load Optimization
- Consolidation Optimization
- Cost Optimization
- Service Level Optimization



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- Capacity Utilization Strategies
- Scenario Planning

Module 12: Transportation Cockpit

- Transportation Cockpit Navigation
- Worklists and Planning Views
- Freight Unit Assignment
- Resource Assignment
- Drag-and-Drop Planning
- Interactive Planning Tools
- Planning Simulations
- Monitoring Activities

Module 13: SAP TM Analytics and Reporting

- Standard SAP TM Reports
- Transportation KPIs
- Freight Cost Analysis
- Carrier Performance Analysis
- Transportation Utilization Reports
- SAP Fiori Analytics
- Embedded Analytics
- Custom Reporting

Module 14: SAP Fiori for Transportation Management

- SAP Fiori Overview
- TM Fiori Applications
- Transportation Planning Apps
- Freight Order Apps
- Carrier Collaboration Apps
- Monitoring and Reporting Apps
- User Experience Enhancements

Module 15: SAP TM Configuration

- Transportation Management Configuration Basics
- Organizational Structure Configuration
- Planning Configuration



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- Charge Management Configuration
- Freight Settlement Configuration
- Carrier Selection Configuration
- Integration Configuration
- Output Management

Module 16: Advanced SAP TM Features

- Ocean Freight Management
- Air Freight Management
- Road Transportation Management
- Rail Transportation Management
- Multi-Modal Transportation
- Dangerous Goods Handling
- International Transportation Processes
- Logistics Network Collaboration

Module 17: Real-Time Business Scenarios

- Domestic Transportation Planning
- International Freight Management
- Carrier Tendering Scenarios
- Freight Cost Settlement
- SAP TM and EWM Integration Scenario
- Supply Chain Optimization Use Cases
- Transportation Visibility Case Study

Module 18: Capstone Project

- End-to-End SAP TM Implementation
- Transportation Planning Configuration
- Freight Order Management Setup
- Charge Management Configuration
- Carrier Tendering Process
- Freight Settlement Execution
- Reporting and Analytics Development
- Project Presentation and Documentation



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