Virtual Class Agenda

Manufacturing

This five-day, virtually presented course trains users on intermediate to advanced level DELMIAWorks manufacturing topics with an emphasis on how to utilize the Material Requirements Planning (MRP) system to ensure on time production. This course takes an in depth look at the entire manufacturing and MRP process. Topics covered include bills of material, inventory features and options, inventory availability, work order management, material planning, RealTime™ monitoring, customer and vendor RMA's, creating and fulfilling purchase orders and sales order management.

This course is intended for companies who primarily use manufacturing types with a primary material (such as Extrusion, Injection, and Stamping). These manufacturing types leverage the Finite Scheduling and Production Reporting by Shift modules for scheduling and production reporting work orders. For companies that primarily use the ASSY manufacturing types and Assembly Track module for scheduling and production reporting work orders, please refer to the Manufacturing ASSY agenda.

Target Learners
- Key employees involved with production control, inventory management, material requirement assessment and supply chain management within your company.

Class Prerequisites
- Basic DELMIAWorks software experience and knowledge
- Be familiar with your company's manufacturing procedures

Learning Objectives
- BOM management
- Inventory management
- Sales order management and inventory availability
- Vendor managed inventory – Customer and Vendor
- Auto-MRP
- Work order management – manual, system generated, and firm
- Production scheduling
- Material requirement planning
- Work center & labor capacity planning
- RealTime™ production monitoring
- Production reporting & process costing
- Picket tickets, shipping, and customer RMAs
- Purchasing, receiving, and vendor RMAs

The manufacturing functionality covered in this class is applicable to all system installations regardless of licensing. This course does touch on RealTime Production Monitoring functionality that is as add-on purchase.

Day 1

Orientation
Introduction to DELMIAWorks Basics
    Navigation
    Mfg Types
    Mfg Cells
Work Center Highlights
    Downtime and Reject codes
    Disposition Designator review
Shop Calendar Highlights

Day 2

Inventory Management
Auto MRP / UOM Conversion
Locations & Transactions
BOM Management

Day 3

Sales Order Management & Inventory Availability
Work Order Management – Manual, System Generated and Firm
Finite Manufacturing Scheduling
Material Requirement Planning

Day 4

RealTime™ Production Monitoring
Production Reporting Highlights
Shipping Highlights
BOL
Customer RMA's

Day 5

Purchase Order Highlights
Receiving Highlights
Vendor RMAs
Process Cost

Virtual Class Cancellation Policy

- *Cancellation notice received 15 or more days prior to the class start date incur no fee, those received 14 or less days prior incur a 50% cancellation fee.*
- DELMIAWorks reserves the right to cancel low capacity classes. To confirm class availability please contact DELMIAWorks.training@3ds.com.