

A woman with brown hair, wearing a blue work jacket and grey gloves, is focused on inspecting a dark, rectangular metal part. She is standing in a factory setting, with a production line of rollers and other metal parts visible in the background. The lighting is bright, highlighting the industrial environment.

Virtual Class Agenda

Manufacturing

Overview

This is a five-day hands-on course in which the user will learn the basic fields and functions of DELMIAWorks MRP based system. This course will take you through DELMIAWorks' manufacturing basics. Topics covered will include inventory, bills of material, work orders, production scheduling, material planning, shipping and more. 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

- System Analysts, companies not yet live, new employees/ users and minimal system users who are responsible for inventory, production, scheduling, and material planning.

Class Prerequisites

- Basic DELMIAWorks, Production planning and Scheduling
- Be familiar with your company's manufacturing procedures

Learning Objectives

- Work Center and Labor Capacity
- BOM Management
- Inventory Management
- Sales Order Entry and Capable to Promise
- Auto MRP
- Introduction to stocking functionality
- Work Order Management
- Finite scheduling
- Material Exceptions & staging reports
- Production Scheduling
- Production reporting
- Picket tickets, shipping and Customer RMAs
- RealTime™ Production Monitoring
- Purchasing, Receiving and Vendor RMAs

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.

Class Schedule

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 an add-on purchase.

Day 1

- Welcome/Orientation
- DELMIAWorks Basic Navigation
- Manufacturing Types/Cells
- Work Centers
- Locations, Down Time and Rejects Lists
- Shop Calendar

Day 2

- Inventory Management
- Auto MRP Replenishment
- UOM Conversion
- Locations and Transactions
- BOM Management

Day 3

- Sales Order Entry
- Inventory Availability
- Capable to Promise
- Work Orders
- Finite Manufacturing Scheduling
- Material Requirement Planning

Day 4

- RealTime™ Production Monitoring
- Production Reporting
- Shipping
 - Pick Tickets to Packing Slips
 - Manual Packing Slips

Day 5

- Customer RMA's
- Purchase Orders
- Receiving
- Vendor RMAs