

Virtual Class Agenda

Manufacturing I

This five-day, hands-on course is an introductory level course in which attendees will learn the basic fields and functions of DELMIAworks Material Requirements Planning (MRP) system. This course will take participants through the DELMIAworks manufacturing basic system flow. Topics covered will include inventory, bills of material, work orders, production scheduling, material planning, shipping and more.

NOTE: This course is intended for companies who primarily use manufacturing types with 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.

Who should attend?

- System Analysts, new companies, and new users who are responsible for understanding inventory, production, scheduling, and material planning functionality

Prerequisites

- (none)

Learning Objectives

- General introduction to the DELMIAworks system
- Basic system setup including work centers, MFG Cells, inventory, and BOM's
- Basic system flow of information from order entry through shipping
- Understanding of work order generation options and management
- Understanding of material requirements information

Licensing

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.

Schedule – Day 1

Orientation
Basic System Flow Diagram
Basic Navigation
Manufacturing Types
Manufacturing Cells
Locations, Down Time and Rejects Lists

Schedule – Day 2

Work Centers
Shop Calendar
Inventory Master and introduction to stocking programs
Locations and Transactions

Schedule – Day 3

Bills of Materials
Outsource BOMs and Process
Sales Order Entry
Capable to Promise

Schedule – Day 4

Work Order's – Manual, System Generated and Firm
Finite Manufacturing Scheduling
Material Requirement Planning
Material Staging
Production Reporting
Disposition Designators

Schedule – Day 5

Pick Tickets to Packing Slips
Manual Packing Slips
Sales Order Packing Slips
BOL setup
Purchase Orders
Receiving

Customer Cancellation & Reschedule Policy

- 15 or more days, no charge
- 14 or less days, 50% charge

DELMIAworks reserves the right to cancel any training class due to lack of enrollment. To confirm availability, please contact DELMIAWORKS.training@3ds.com.