

# Virtual Class Agenda

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## Manufacturing ASSY / Generic

This is a five-day, hands-on course in which the user will learn how to utilize DELMIAworks Material Requirements Planning (MRP) system to its fullest. This course will take you through the entire manufacturing and MRP process. Topics covered will include process maintenance, bills of material, inventory, work orders, production scheduling, material planning, production reporting and more.

*NOTE: This course is intended for companies who primarily use the GENERIC or ASSY manufacturing types and Assembly Track module for scheduling and production reporting work orders. For companies that primarily use manufacturing types with primary material (such as Extrusion, Injection, and Stamping) please refer to the Manufacturing I and II agendas.*

### Who should attend?

- System Analysts, new companies, and new users who are responsible for understanding inventory, production, scheduling, and material planning functionality
- Highly recommended for key managers or personnel responsible for production control, inventory, materials and supply chain management.

### 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.

### **Schedule – Day 1**

Orientation  
Introduction to DELMIAworks Basics  
Manufacturing Cells, Work Centers and Lines  
Shop Calendar  
Process Maintenance

### **Schedule – Day 2**

BOM Management: ASSY, Generic, Outsource  
Inventory Master  
UOM conversion and  
Physical Inventory

### **Schedule – Day 3**

Locations and Transactions  
Auto MRP  
Sales Order Entry and Capable to Promise  
Work Order Management – Manual, System Generated and Firm  
Assembly Track

### **Schedule – Day 4**

Finite Manufacturing Scheduling  
Material Requirement Planning & Staging Reports  
Assembly Data  
Production Reporting Assistant

### **Schedule – Day 5**

Pick Tickets, Packing Slips and Manual Packing Slips  
Customer RMA's and VMI  
Purchase Orders and PO Approval Overview  
Receiving and Vendor RMAs  
Process Costing and Evaluations

### **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](mailto:DELMIAWORKS.training@3ds.com).