

# Virtual Class Agenda

## ASSY (Assembly) Manufacturing



# Overview

This five-day and virtually delivered training allows users to train on DELMIAWorks Material Requirements in relations to ASSY (Assembly) Manufacturing as it relates to utilizing the Material Requirements Planning (MRP) system to its fullest. This course will take you through the entire manufacturing and MRP process. Topics covered include process maintenance/options/functionality, creating ASSY bills of material, inventory, work orders, production scheduling, material planning, production reporting and more.

*NOTE: This course is intended for companies utilizing GENERIC or ASSY manufacturing types with Assembly Track to schedule and report production against work orders.*

## Target Learners

- 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.

## Class Prerequisites

- Basic DELMIAWorks software experience and knowledge

## Learning Objectives

- Present and outline DELMIAWorks system basics including configuration areas and steps for MFG Types, MFG Cells, Work Centers, Inventory and Bills of Material (BOM)
- Review Shop Calendar, Process Maintenance and Inventory configuration requirements and considerations.
- Understand the basic modular relationship within DELMIAWorks from order entry, work order generation/scheduling, production reporting and finally shipping.
- Introduction and Overview of work order generation options, functionality and management for Assembly Track and Finite Scheduling for processes.
- Review the MRP (Material Requirement Planning) options available for ASSY MFG.

## 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](mailto:DELMIAWorks.Training@3ds.com).

# Class Schedule

## Day 1

- Orientation
- Introduction to DELMIAWorks Basics
- Manufacturing Cells
- Work Centers
- Shop Calendar

## Day 2

- Inventory Master
- UOM Conversion
- Locations and Transactions
- Auto MRP
- Assembly Processes Maintenance

## Day 3

- BOM Management:
  - ASSY, Generic, Outsource
- Sales Order Entry
  - Capable to Promise
- Work Order Management – Manual, System Generated and Firm

## Day 4

- Assembly Track & Final ASSY Reporting
- Assembly Data & Final ASSY Reporting
- Material Requirement
  - Planning & Staging Reports
- Pick Tickets, Packing Slips and Manual Packing Slips

## Day 5

Customer RMA's

- Purchase Orders and PO Approval Overview
- Receiving
- Vendor RMAs