

Content Profile

Capacity, Labor & Material Requirements Planning (MRP) Software

Learning Experience for DELMIWorks

Our self-paced, virtual and extensive DELMIWorks product training, including for:

Capacity, Labor & Material Req. Planning (MRP)

The cohesive structure of the DELMIWorks manufacturing solution fully incorporates MRP and ERP in a single solution that enables the material requirements system to span activities throughout the entire supply chain to quickly and accurately match availability with demand.

Rough Cut Capacity & Daily Projected Requirements

Rough-cut capacity planning compares available work center time based on the shop calendar versus required hours for each machine type while the Daily Projected Requirements module, somewhat similar to the Exception list, this list shows all the materials currently being consumed by the schedule. This list shows a running daily usage and on hand balance. Selecting a particular production date will display the corresponding work orders and sales orders affected. The list can be filtered for a certain class of material, for a certain range of time, for certain division, or for a specific Buyer Code.

Training Content Profile – (Advanced)

In this module, you will learn about MRP (Material Resource Planning) driven options including Rough Cut Capacity and Daily Projected Requirements.

Material Exception List

The material exception list displays all items that are required to meet your schedule, but show a shortage at some point during the production process. It is a very useful material planning screen because it contains not only what items are needed, but when they are needed and in what quantity. In addition, this list shows the associated work orders and sales orders demanding the item, which created the material requirement.

Training Content Profile (Fundamental)

In this module, you will learn the basic functionality for the Projected Exception, Requirements on Past Due PO's, Raw Material Below Minimum, Outsource Material Below Minimum and Ideal versus Existing tabs.



Daily Parts Projection

This single screen can display the projected production results by item. The key to this ability is the time phasing aspect. As each work order is scheduled, DELMIAWorks is able to report on the projected production by date. You may filter this screen to show only items on work orders and further narrow it to a specific customer. To do this click on the yellow Filter icon and select work orders.

Training Content Profile – (Fundamental)

In this module, you will learn detailed definitions for the Daily Parts Projection screen including how to access the screen and use the options available to extract useful part projection data.

Daily Material Staging Requirements

DELMIAWorks supports two views of material staging requirements, by material or by work center. To be sure of having the most current information the user can select the calculator speed button which will bring up the update schedule form from which the user can recalculate the schedule.

Training Content Profile – (Fundamental)

In this module, you will learn how to access and how to run several Material Staging reports that provide useful and important data to make material staging decisions.

Maintenance, Repair & Overhaul (MRO)

This module provides the tools necessary to plan, schedule, track a complete maintenance, repair, and overhaul program for machines, tools, dies, auxiliary equipment, gages, buildings and more.

Training Content Profile – (Fundamental)

This fundamental session gives users a step by step outline of the key items, options and data to configure the MRO module including creating new equipment records, how to create and assign skills to tasks, when and how to create checklists for tasks and assigning these to tools/equipment. Other topics include the different types of templates that can be created for equipment, how to read & configure the total units section and how to create

Maintenance, Repair, Overhaul (MRO) - Equipment Tasks

Daily equipment usage is captured through Production Reporting and made available to the MRO module. Therefore, usage of tools and machinery is maintained on a daily basis, and a complete maintenance history is automatically maintained

Training Content Profile (Advanced)

This trainer-led session provides users with detailed information about Tasks for equipment within the MRO module including basic functionality/options, creating task templates to utilize in the system, the effect of total units for task & equipment status and fields that affect work order functions

MRO Work Order Basics

Work Orders contain the details of tasks that need to be performed on the specific equipment, reflecting the information already established during data entry and linking steps during configuration. Work Orders can be generated automatically or manually, and then edited as necessary.

Training Content Profile – (Advanced)

In this trainer-led session MRO Work Order basics are covered in detail starting with access and a discussion about MRO Task and Work Order interactions, key features and options in the MRO Work Order screen, how to attach tasks to the MRO Work Order, common speed button and report functionality, how to filter and view work orders and tasks and labor reporting.



Maintenance, Repair, Overhaul (MRO) - Work Order Processing

Generating and reporting against MRO Work Orders allows users to report inventory usage for tasks, labor costs and more to ensure that maintenance cost tracking and visibility is possible while also ensuring that inventory is tracked correctly

Training Content Profile (Advanced)

This trainer-led session is a deep-dive into work order processing MRO Work Orders including generation, key options and functions to report inventory and labor costs, utilizing the work order planner, how to close tasks and archiving work orders.



Forecast

The DELMIAWorks Forecast module is a powerful tool used to create, modify and analyze sales trends across an extended period of time. From the easy to read front-end screen, users can get access to current orders, past shipments and forecasted quantities for all active manufactured items (items associated with a BOM and not marked Inactive), and purchased items if the 'Include in Forecast' option is checked in inventory on the additional tab.

Training Content Profile – (Technical)

In this module, you will learn about the Forecast module in DELMIAWORKS including the two types of forecasts available, Forecast screen options, creating a forecast, creating a forecast group and linking inventory items, Forecast parameters, generating Forecast data, setting up formulas, generating Forecast data with formulas, manually entering Forecast data and exporting Forecast data to Excel.

In addition to the modules listed above, the Learning Experience for DELMIAWorks Portfolio offers several role based learning options for Learners to choose from:

Role Based Learning Library

MRP – Material Resource Planning

Advanced Certifications by Role

Supply Chain I Specialist

Supply Chain II (Advanced) Specialist

Role Based Track Modules

Material Handler

Inventory & Warehouse Control

Shipping Department

Licensed Learning Path

Logistics & Distribution Role

Shop Floor Role



Contact our Learning Experience Team at delmiaworks.elearning@3ds.com for more information!

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