Learning Experience for
DELMIA WORKS

Content Profile

Manufacturing Production Monitoring & Data Collection

Learning Experience for DELMIAWorks

Our self-paced, virtual and extensive portfolio contains several modules regarding:

Manufacturing Production Monitoring & Data Collection

RealTime gathers machine performance & process data in true real time and prevents the need for costly third-party batch software. Data collected can be charted directly or viewed via the SPC module to analyze trends all while being integrated on the same database as planning, scheduling and inventory operations.

DASSAULT SYSTEMES

RealTime Process Monitoring

This module allows the monitoring of specific parameters based on the work center and device capabilities. This information is set up for each work center and can be set up for specific MFG #'s. SPC parameters can be established for items so that when they are scheduled to run on a work center that has a device with the associated capabilities, data collected in the historian instance will populate the SPC Inspection

Training Content Profile (Fundamental)

During this technical training session, users are provided with detailed instruction for RealTime Process Monitoring configuration for RT Charts, Capabilities, Alarms, Historic Charts, SPC Charts, Machine Setup and Monitor including scheduling a work order and RT Charts Security.

RealTime Process Monitoring – RT Device Map

Devices can be configured within RTPM to gather data about production trends and process information on any device with data communication capability such as a Programmable Logic Controller (PLC). The system provides the flexibility to gather unique, job-specific statistics to identify poor functioning equipment.

Training Content Profile (Advanced)

This trainer-led and advanced session provides users with a thorough overview of the steps required to setup devices to gather data with RealTime Process Monitoring including walking through TechNote instructions, launching the server, logging into the device setup app and using DBA Credentials.

RealTime Process Monitoring – RT Chart Setup

RTCharts offers users a customizable interface for viewing charts and gauges. Options of selecting whether a capability is viewed as a chart or gauge, choosing the size and position of a chart or gauge, merging charts, adding or removing charts and gauges, and saving multiple layouts to a specific work center are available.

Training Content Profile (Advanced)

During this trainer-led course, the details of RT Chart Setup are outlined including configuration of RealTime Charts, how to use the RealTime Charts Web Application and a detailed overview of add/remove capacities.

RealTime Setup and Production Monitoring

The RealTime Production Monitoring module provides the core tools for the acquisition and disbursement of critical production data and turns your system into a dynamic environment, where actual production feedback is immediately made available. RealTime hardware is used to monitor production cycles and determine when work centers go down.

Training Content Profile (Fundamental)

This technical style module provides users with detailed instruction for RealTime Production Monitoring such as configuration steps, how to import a RealTime license, assign a RealTime address to a work center, schedule a work order for a RealTime monitored work center, report production, backflush components and report reject

RTStation

RTStation 3.0 is the 3rd generation of RTStation devices, which has the usability of a 10.1-inch touch screen, and includes an integrated TeamViewer client to simplify customer support troubleshooting. Applications available include RT Work Center, Rejects, RT Scan to Inventory, Serial # Tracking, Vendor Managed Replenishment and more.

Training Content Profile (Advanced)

This training session provides information about RT Station, which includes a discussion about the RT Station interface and a demonstration of the RT Applications.

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

Advanced Certifcation by Role
Manufacturing I Specialist

Role Track Modules
Production Manager

Licensed Learning Paths
Production Engineer Role
Shop Floor Role

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

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