

# Virtual Class Agenda

## Quality Management Systems (QMS)





# Overview

This five day hands-on course explores the key concepts and philosophies of Quality Management systems and modules within **DELMIAWorks**. Users are provided with a detailed overview of various quality modules including configuration and implementation for Document Control, Material Review Boards, Corrective Action Plans, Quick Inspections and SPC. Additional Quality related modules such as Quality Audit, CMM Import Tool, and Cost of Quality are also separate license purchases. These topics are not included within the general scope of this class.

## Target Learners

- Quality Assurance Technicians
- Quality Assurance Managers
- Quality Control Managers
- Inspection Control Users

## Class Prerequisites

- Basic DELMIAWorks software experience and knowledge

## Learning Objectives

- Create team members and configure workflows for various quality items that require approvals for completion
- Configure, add and manage content and users for Document Control libraries
- Review the various quality modules available in **DELMIAWorks** and their interactions
- Configure SPC (Statistical Process Control) analysis
- Understand how to create Inspection Setups to perform Quick Inspections for items and other available options
- Utilize Repair & Rework Work Orders for items that do not pass inspection
- Configure and utilize FMEA and Control Plans, APQP and PPAP as needed

## 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

- Welcome/Orientation
- Team Members – Setup and Security Access
- Document Control – Library Types & Library Teams,
- Workflow – Setup and types

## Day 2

- Material Review Board (MRB) – Setup, Templates, and Workflow
- Using Repair & Rework Work Orders, Linking with RMAs, CARs, and Deviations  
CAR – Templates, Linking, and Workflow
- Quality Toolbox scripts with IQAlert.

## Day 3

- Deviations – Setup, Linking, and Workflow
- ECO – Setup, BOM changes, Workflow, and Applying Changes
- Gages/Devices – Setup types, MRO, R&R / Gage Studies, Calibration

## Day 4

- Inspection Setup – Setup Parameters, Attributes vs. Variables
- Inspection Groups
- In-Process Inspection Log – Fields and function
- Quick Inspection – Inspection Groups and Charting

## Day 5

- SPC – Subgroups vs. Individuals vs. Attributes
- SPC – Gage/Device use, Charting, and Inputs / Outputs
- FMEA and Control Plan – Setup and Use
- APQP and PPAP – Setup Templates, Linking, and Workflow
- Part Submission Warrant (PSW)
- Quality Projects – Linked areas and records