

Course Outline

1. General Terminology

- › DMS overview
- › DCS overview
- › Understanding data providers
- › Understanding data flow
- › Understanding tags

2. DMS/DCS Exercises

- › Guided exercises
- › Scenarios
- › Using triggers to manage DCS
- › Adding conditions within DCS
- › Understanding sampling frequency and timing
- › Conditional statements
- › Feedback tab discussion

3. DMS Providers & Exercises

- › Using the Matrikon OPC data provider
- › Using a database as a data provider
- › Specification limit exercise
- › Using a data convertor to publish DMS items as separate tags
- › Using the historian feature

4. DCS Data Collectors

- › Subgroup Data Collector
- › Specification Limit Collector
- › Process State Collector
- › Production Rate Data Collector
- › Universal Data Collector

5. Remote Alarm Monitoring Service (RAMS)

- › RAMS Overview
- › Configuring RAMS
- › Configuring RAMS email notifications

6. Challenge Exercises