



COURSE DESCRIPTION

The MES Quality 2014 R2 course is a 3-day, instructor-led class designed to provide a working knowledge of the features and functionality of Wonderware MES 2014 R2 Quality. This course provides lectures and hands-on labs to supply and reinforce the knowledge necessary to use Wonderware MES Software/Quality to address the configuration and deployment of a data collection system, which allows for the analysis and reporting of Quality Management data using a Sample Recording Object.

OBJECTIVES

Upon completion of this course, you will be able to:

- Implement the concepts of MES Software/Quality
- Describe the relationship of Wonderware MES Software/Quality
- Use the Wonderware MES Client application to define Quality Management Specs
- Configure and Implement the Sample Recording Object
- Build the Sample Viewer Control
- Build a Control Chart Interface using ArcestrA graphics

AUDIENCE

- Application developers
- Engineers
- System Integrators

PREREQUISITES

- Manufacturing industry experience
- Working knowledge of System Platform is recommended

COURSE OUTLINE - MES QUALITY 2014 R2

MODULE 1 - INTRODUCTION

- Section 1 - Course Introduction
- Section 2 - System Platform Overview
- Section 3 - MES Software/Quality Overview
- Section 4 - System Requirements and Licensing



MODULE 2 - MES CONFIGURATION

- Section 1 – MES Client
- Section 2 – System Platform Configuration
- Section 3 – Further Preparation for MES Software/Quality

MODULE 3 - MES SOFTWARE/QUALITY CONFIGURATION

- Section 1 – Sampling Configuration
- Section 2 – The Sample Viewer Control
- Section 3 – Verified Writes
- Section 4 – Automatic Data Collection
- Section 5 – Causes
- Section 6 – Shift Based Data Collection and Binary Attributes

MODULE 4 - FEATURES OF SAMPLE RECORDING OBJECT (SRO)

- Section 1 – On-Demand Sampling
- Section 2 – Implementing Sample Recording Object (SRO) Graphics

MODULE 5 - INTEGRATION WITH MES/SOFTWARE/OPERATIONS

- Section 1 – Basic Review of MES/Operations
- Section 2 – Generate Samples While Job Is Running

MODULE 6 - MES REPORTING FEATURES

- Section 1 – Control Charts
- Section 2 – ArchestrA Reports