

AUTOMATION

MON. JAN. 15 -
FRI. JAN. 19
8 AM - 5 PM

SMC CAPE GIRARDEAU
2333 RUSMAR ST.
CAPE GIRARDEAU, MO
63703

COURSE NUMBER PRS101-LD

FACTORYTALK® BATCH PROJECT DESIGN & IMPLEMENTATION

TRAINING EVENT

This course is designed for supervisors, operators, formulators, and engineers who will be involved with the installation, setup, and operations of FactoryTalk Batch System. It will provide a complete overview of the design and implementation of a batch project using FactoryTalk® Batch software. This includes an introduction to batch processing and the ANSI/ISA S88.01 Standard. FactoryTalk Batch system architecture, system operation, and system configuration are covered in detail.

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

- Use the recommended technique, layout a batch solution using project documentation (P&ID's and existing SOP's)
- Use the Batch View and ActiveX Controls to create, monitor, and control batches
- Use the Equipment Editor or create an equipment database (Area Model)

**Rockwell
Automation**

+ HANDS-ON

Throughout this course, you will have the opportunity to practice the skills you have learned through a variety of hands-on exercises.

COST

\$3,050
Includes lunch

REGISTER

To register, contact Erica Masterson at emasterson@smcelectric.com by Monday, December 25.

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Upon completion of this course, you will be able to (cont.):

- Use the Recipe Editor to create and validate both class-based and unit-based recipes
- Configure the Batch Archiver and use the Enhanced Report Package
- Perform system administration tasks such as configuring the FactoryTalk Batch Server, configuring and FactoryTalk Batch security, and enabling a remote Batch View machine
- Design Controller-based phases (equipment phases) that are capable of communicating with the FactoryTalk Batch server
- Use FactoryTalk Batch eProcedure to integrate manual phases into a FactoryTalk Batch System
- Successfully use FactoryTalk Material Manager to define and use material based phases

SCHEDULE

Day 1

- Defining batching and the S88 Standard
- Working in FactoryTalk Batch
- Working in FactoryTalk View and working with the ActiveX Controls

Day 2

- Defining an Area Model from a P&ID
- Using FactoryTalk Equipment Editor

Day 3

- Translating a Product definition into a Recipe
- Configuring the FactoryTalk Recipe Editor, including:
 - The Basic Mechanics
 - Divergent Flow
 - Class Based Recipes
 - Enhanced Unit Binding

Day 4

- Configuring Batch Archiver & Enhanced Batch Reporting
- Performing System Administration tasks related to:
 - File Structure
 - Project Folder
 - Security

Day 5

- Equip. Phase – FactoryTalk Batch Communications:
 - Phase Design
 - Equip. Phase Instructions
- Integrating manual phases and FactoryTalk Batch eProcedure
- Integrating material Based Phases and the FactoryTalk Batch Material Manager