

Course description

SE123

System 800xA with AC 800M Engineering with Diagrams

Course goal

The goal of this course is to learn the engineering with Diagrams as the engineering tool. Note that the follow-up course is T315H for the Human System Interface (HSI) configuration.

Learning objectives

Upon completion of this course the participants will be able to:

- Design and configure diagrams
- Display and change values in online mode
- Configure user defined object types
- Create simple sequences using SFC
- Design and configure cross communication

Participant profile

This training is targeted to system and application engineers, commissioning and maintenance personnel, service engineers and system integrators.

Prerequisites

Students should have attended the course T315C "Engineering with Control Builder" or have knowledge and experience associated with the content of this course.



Topics

- Diagrams – FBD and CMD
- Diagrams – ST
- User Defined Object Types
- Diagrams - Sequential Function Charts (SFC)

Course type and methods

This is an instructor led course with interactive classroom discussions and associated lab exercises. Approximately 50% of the course is hands-on lab activities.

Duration

The duration is 2 days.

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Course outline

Day 1	Day 2
<ul style="list-style-type: none">■ Diagram – FBD and CMD■ Diagrams - ST	<ul style="list-style-type: none">■ User defined object types■ Diagrams - Sequential Function Charts (SFC)