

## Course description

# INT310

## System 800xA Operation

### Course goal

The goal of this course is to learn how to operate and navigate in the Industrial IT Extended Automation System 800xA.

### Learning objectives

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

- Explain the System 800xA architecture and the function of the different components
- Navigate in a standard operator workplace by using aspect objects technology
- Read and interpret information from different process displays
- Create operator notes
- Monitor and control standard process objects such as motors, valves and PID loops through faceplates
- Interpret information on interlocks
- Handle alarm and event lists
- Acknowledge alarms
- Describe the principles of historical data logging
- Operate trend displays and interpret the information
- Monitor and control sequences based on Sequence Function Charts
- View and print reports
- Log in as different users
- Use some basic system monitoring tools

### Participant profile

This training is targeted to operators.

### Prerequisites

Students shall know the fundamentals of working with Control Systems and have basic knowledge of Windows XP and networking technologies.



### Topics

- Course introduction
- Introduction to system 800xA
- Operator workplace
- Navigation
- Process control
- Basic control objects
- Alarm and events
- Trending
- System monitoring

### 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. The Language of the course is English.

### Course duration

The duration of the course is two days.

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### Course outline

Day 1	Day 2
<ul style="list-style-type: none"><li>■ Course overview</li><li>■ Introduction of system 800xA</li><li>■ Operator workplace</li><li>■ Navigation</li><li>■ Process control</li></ul>	<ul style="list-style-type: none"><li>■ Basic control objects</li><li>■ Alarm and events</li><li>■ Trending</li><li>■ System monitoring</li></ul>

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