

# T310

## System 800xA Operation



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

### 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.

### Student Profile

This training is targeted to operators.

### Prerequisites

Students shall know the fundamentals of working with Control Systems and have basic knowledge of Windows Server2012 R2 Standard and networking technologies.

### Course 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

### Main topics

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

### Duration

The duration is 2 days

Course Outline

Day 1	Day 2
<ul style="list-style-type: none"><li>• Course overview</li><li>• Introduction to 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>