

# 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.



## Student Profile

This training is targeted to operators.



## 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.



## Prerequisites

Students shall know the fundamentals of working with Control Systems and have basic knowledge of Windows Server 2012 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 topic

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



### Duration

The duration is 2 days

Course Outline	
Day 1	Day 2
Course overview Introduction to System 800xA Operator Workplace Navigation Process control	Basic control objects Alarm and events Trending System monitoring