

COURSE NO. US220V

# System 800xA Alarm Management

## On-line course



### About this course

This course was developed from the ground up to be offered as a virtual training class. It features a learning platform custom built by ABB University courseware developers, designed expressly to meet the needs of industrial automation users. A virtual machine with ABB controller simulation and system application software is provided for practice and completion of course labs. By taking the on-line course, a student can remain on site, at home and save on travel costs.



### 24-7-365 Availability

Access courseware anytime, from anywhere, when it's most convenient for you.



### Lifetime Access

This course and all your personal notes will remain available to you for life.



### 2 Weeks Virtual Machine

Access to cloud based virtual machine loaded with ABB controller and system software.

### This course is for you if:

You are responsible for responsible for DCS installation, maintenance, or process control implementation who would like to learn more about alarms within the ABB Ability 800xA System.

### The main topics that will be covered in this course:

- Alarm and Event Lists
- Alarm Bands and the Alarm Line
- Alarms & Events in Control Logic
- Alarm Grouping
- Alarm Shelving
- Alarm Hiding
- Alarm Response
- Alarm Analysis

Enroll at:

[mylearning-americas.abb.com](https://mylearning-americas.abb.com)

### Or contact us:

Tel: 1 800 HELP 365, option 2, option 4

Email: [abbuniversity@us.abb.com](mailto:abbuniversity@us.abb.com)

## You'll walk away with

### 01

An understanding of Alarms within the ABB Ability 800xA System

### 02

The ability to configure Alarm Grouping, Alarm Shelving, Alarm Hiding, Alarm Response, Alarm Analysis within 800xA

### 03

Experience with alarm management within the ABB Ability 800xA System

#### Prerequisites

Students must have a basic knowledge of System 800xA. It is recommended to take T314v or T315C+H before taking this class. Basic knowledge and usage of applications running on the Windows® operating system is also recommended.

#### Your success team

The learning platform includes a chat feature and user forum that allows you to send questions and comments to a learning facilitator and other students. Connect with fellow students to build a support network and collaborate with others.

#### Course Objectives

Upon completion of this course you will be able to:

- Understand the basics of Alarm and Event Lists
- How to create and configure Alarm Bands and the Alarm Line
- Creating Alarms & Events in Control Logic (AC800m)
- Use and configure Alarm Grouping, Alarm Shelving, Alarm Hiding, Alarm Response, Alarm Analysis within the 800xA system

### The key to maximum knowledge acquisition is hands-on practice.

ABB University on-line courses feature a virtual machine, hosted on ABB cloud servers. This virtual machine is loaded with the appropriate ABB controller simulation and system application software necessary to complete the on-line course labs, running on top of the Microsoft Windows operating system. This virtual machine is a safe way to practice knowledge learned from the on-line course without disruption to a working production system.