

COURSE NO. T315HV

System 800xA Engineering Process Portal A HMI

Online Training

On-line Course



About this course

This course utilizes the same courseware that was previously only available with an in-center classroom enrollment. 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. The in-center class requires a student to attend five days of training, plus travel time. 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 a system and application engineer, commissioning and maintenance personnel, service engineers and system integrators.

The main topics that will be covered in this course:

- Plant modeling
- Graphic displays and elements
- Faceplates
- Alarm and events
- Historical data collection and trend displays
- Operator workplace
- Security
- Import, export, and simple reports
- Bulk data handling
- High Performance Graphic Displays

Enroll at:

mylearning-americas.abb.com

Or contact us:

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

Email: abbuniversity@us.abb.com

You'll walk away with

01

An understanding of the engineering of a complete control project using the Extended Automation System 800xA.

02

The ability to build a plant model in the Functional and Location Structure, configure graphic displays, elements, and faceplates.

03

Experience with historical data collection and trend displays, the import / export tool and simple reports.

Prerequisites

Students should have attended T315C "Engineering with Control Builder" or T315F "Engineering with Function Designer" or have knowledge and experience associated with the content of these courses.

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:

- Build up a plant model in the Functional and Location Structure
- Configure and modify graphic displays, graphic elements and faceplates
- Manage and configure alarm and events
- Set up the historical data collection and configure trend displays
- Create and customize an operator workplace
- Configure user accounts and describe how access rights work
- Backup System 800xA data
- Use the import / export tool
- Create simple reports using MS Excel Data Access
- Use bulk data handling

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.