

COURSE NO. US909V

Composer to S+ Engineering Transition On-Line

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 integrator.

The main topics that will be covered in this course:

- Symphony Plus Architecture
- S+ Engineering Installation
- S+ Engineering Navigation
- User Management
- S+ Engineering Project
- System Topology
- Composer Field
- I/O List Management
- Virtual PNI
- Composer Operations

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 engineering tools in Harmony Control project using the S+ Engineering Workbench.

02

The ability to use I/O List Management, Composer Field, and setup Virtual PNI for EWS communications to the control network.

03

Experience with loading and navigating the S+ Engineering Workbench, creating a project and console Tag list to export.

Prerequisites

Students shall know the fundamentals of working with control systems, have basic knowledge of Windows and networking technologies, and have attended M111 or S311, and M202 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:

- Review the Symphony Plus Harmony System architecture and the function of the different components
- Licensing S+ Engineering
- Load S+ Engineering Workbench
- Navigate in the S+ Engineering Workbench
- Create a new control project
- Use System Topology tool
- Navigate Composer Field
- Use I/O List Management tool
- Set up Virtual PNI for EWS communications to the control network
- Create a Project and console Tag list to export using Composer Operations

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.