ABB UNIVERSITY COURSE DESCRIPTION

S311
SD Series - Hardware Configuration

Become familiar with the Symphony Plus architecture and standard Symphony Plus hardware components.

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 activities.

Student Profile
This training is targeted to system and application engineers, commissioning and maintenance personnel, service engineers, system integrators. It is also a prerequisite for students that are planning to attend the S312 course.

Prerequisites
Students shall have a basic knowledge of process control fundamentals. They should also have a basic understanding of Microsoft Windows operating systems.

Course objectives
Upon completion of this course the participants will be able to:
• Recognize the Symphony Plus architecture and the function of the different components
• Establish Symphony Plus Communications
• Set Up Symphony Plus Controllers

Main topics
• Symphony Plus Harmony Architecture
• Symphony Plus Communications
• Symphony Plus Harmony Controllers
• Symphony Plus Engineering Projects
• Symphony Plus I/O Modules
• Symphony Plus I/O Module Configuration
• Symphony Plus Profibus
• Symphony Plus Fiber Optic
• Online Configuration

Duration
The duration is 5 days
## Course Outline

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