ABB

COURSE DESCRIPTION

CHP415 – Advant Controller 160 Configuration and Operation

Course goal

The course goal is to teach students Engineering, Hard- and Firmware of AC 160 in relation to Plant Automation Applications.
Use of engineering Station AS 100ES (Application Builder APB and Function Chart Builder FCB).

Main learning objectives

Upon completion of this course, students will be able to do the configuration, programming and maintenance measures on AC 160 System

Participant profile

System, process and application engineers. Operators. Maintenance, service and commissioning engineers.

Prerequisites

General knowledge of automation systems

Topics

— Introduction into Hard- and Firmware
— Introduction into AS 100ES and its main functions
— Configuration of the DB Part
— Generation of application programs
— Test functions
— Data communication via Advant Fieldbus 100 incl. event sets
— Multiprocessing and redundancy

Course type

This is a face to face class room training with maximum 8 participants.

Learning methods and tools

Lectures, demonstrations, practical exercises and approx. 60% of the course is hands-on activities. **Laptop** or tablet is required to have access to the e-documentation.

Duration

3 days

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