ABB UNIVERSITY COURSE DESCRIPTION

A331
Advant Controller 400 Configuration and Operation

Learn to operate and configure the Advant Controller 400 with local and/or remote I/O, and write control programs in the ABB MasterPiece Language.

Course type and methods
This is an instructor led workshop with short presentations and demonstrations, extended exercises, hands-on sessions and discussion.

Student Profile
This course is targeted to system, process, application, instrumentation, electrical, or service engineer.

Prerequisites
Participants should have basic knowledge of logic diagrams and how processes are controlled.

Course objectives
Upon completion of this course the participants will be able to:
• Program Advant Controller using Advant station 100 series Engineering Stations (also applicable to the Online Builder option for the Advant 500 Operator Station)
• Use equipment in normal operation

Main Topics
• Advant OCS philosophy and products
• Block selection (PC-elements)
• ABB MasterPiece Language (AMPL) programming methods
• How to define, dimension, and populate a database
• On-line Builder software (PC programming, dumping, loading and parameter adjustment)
• Introduction to AdvaBuild Function Chart Builder (FCB)

Duration
The duration is 5 days
## Course Outline

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