Course description

A331 E
Advant Controller 400 with S800 I/O and MasterPiece 200 Configuration and Operation

Course goal
The course goal is to teach students how to configure and operate Advant Controller 400 Series with remote S800 I/O and MasterPiece 200/1. This course also explains how to write programs in AMPL.

Participant profile
This training is targeted to system, process and application engineers. Instrumentation, electrical and service engineers who have a foundation for maintenance and administration skills.

Prerequisites
- Basic knowledge of logic diagrams
- Basic knowledge of how processes are controlled
- Basic knowledge of Microsoft Windows and networking technologies

Topics
- Advant OCS philosophy and products
- Block selection (PC-elements)
- 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)

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.

Course duration
The duration is 5 days.