COURSE DESCRIPTION

# CHP417
# System 800xA for AC100

**Course goal**

The course goal is to teach the students how to configure and operate the Extended Automation System 800xA for AC100 with the AC160 controller in the field of Power Generation Applications.

**Main learning objectives**

The participants will be able to:

- Plan an appropriate architecture for a system 800xA with Advant Master
- Navigate in the system and create new objects / aspects
- Configure and maintain the communication between 800xA and AC160
- Configure and modify graphic displays
- Manage and configure alarm and events
- Configure historical data collection and trends
- Configure time synchronization
- Save and restore data

**Participant profile**

System engineers, operators as well as commissioning and maintenance personnel.

**Prerequisites**

Basic knowledge of automation and computer technology, particularly Microsoft Windows. Students should have attended the AC160 configuration course CHP415 or have knowledge and experience associated with the content of the course.

**Topics**

- System 800xA architecture for Advant Master
- AC100 Connect and APC installation
- Plant Explorer introduction
- AF100 Controller communication and Database integration
- Graphic Displays and Faceplates
- Alarm and Events
- Historical data collection and Trends
- Time synchronization
- Export, Import, Backup and Restore

**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**

4 days

**To Register:**

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The latest version of the course portfolio, and course schedule can be found on our Learning Center Webpage



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2017-12-14
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