Course description

**IN-T320**

800xA For Advant Master Engineering Course

**Course goal**
The goal of this course is learn the configuration & maintenance of the Extended Automation System 800xA for Advant Master with hands-on lab activities.

**Learning objectives**
Upon completion of this course the participants will be able to:

- Perform certain hardware checks on AC450 controller
- Communicate with Advant 100 Engineering Station
- Navigate in the system & create new objects/aspects.
- Database Management
- PC Program Management
- Communication – MB 300
- Configure & modify Graphic Displays.
- Manage & configure Trends, Alarms & Events
- Create & customize a workplace.
- Save & Restore backup

**Participant profile**
This training is targeted to system and application engineers, commissioning and maintenance personnel, service engineers and system integrators.

**Prerequisites**
The student should have a fair understanding of the basics of control systems, Instrumentation and process control.

**Topics**
- Course Introduction
- Basics of Process Control
- Architecture of 800xA for Advant Master
- Hardware Details of AC450
- Database Management
- PC Program Management
- Communication
- Graphic Display
- Trends, Alarms & Events
- Backup & Restore
- General Troubleshooting tips

**Course type and methods**
This is an instructor led course with interactive classroom discussions and associated lab exercises.

**Duration**
The duration of the course is five days.
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Course outline

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