Course Goal

The course goal is to teach the basic skills to operate and configure the software in the Advant Station 500 series Operator Station.

Learning objectives

Upon completion of this course the student will be able to:

- Use process displays to control the process via manual control software
- Design, build, and install basic process displays
- Identify standard process events and alarms
- Customize the event and alarm handling
- Design and configure a Process Sectioning strategy
- Design and configure Quick Lists and Status Lists
- Describe the data logging in the Advant controllers
- Build trend displays

Participant profile

System, process, application, instrumentation, electrical, or service engineers

Prerequisites

Knowledge corresponding to course A331 Advant Controller 400 series, Configuration & Operation.

Topics

- Advant OCS philosophy and products
- User Interface
- Manual Control
- Basics in display design and building
- Events and alarms
- On-line Builder
- Process sectioning and authority control
- Status List
- Data logging and trend presentation
- Station backup
- Printer handling

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.

Duration

5 Days

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Course outline

Day 1	Day 2	Day 3	Day 4	Day 5
■ Course overview ■ System overview ■ Training equipment presentation ■ AdvaCommand, User Interface ■ AdvaCommand, Manual Control	■ AdvaCommand, Manual Control ■ Object Handling ■ Printer Handling and Configuration ■ AdvaBuild, Application Display Design ■ Display elements ■ AdvaBuild, Display Installer	■ AdvaBuild, Display Builder (continued) ■ Group, Help, Process Displays ■ Display Hierarchy ■ Display Transfer ■ AdvaCommand, Event and Alarm ■ AdvaCommand, Process Sectioning & Authorization	■ AdvaCommand, Status List ■ AdvaCommand, System Status ■ TTD Log & Trend ■ Controller set up ■ TTD Configuration ■ Log Database Compute ■ Backup & Restore ■ RTA Backup ■ Central Backup ■ Station Backup	■ HP-UX Terminal Window ■ Workshop for deeper knowledge and experience

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