
COURSE DESCRIPTION

CHA240 – Advant Controller 400 and Advant Station 500 OS, Maintenance

Course goal

The course goal is to teach students maintenance and repairs of a running Advant OCS and how to expand the system in relation to CC and GT Power Plant Automation Applications.

Main learning objectives

The participants will be able to:

- Find functional information for the system using available, standard documentation
- Handle Advant Controller 400
- Handle Advant Station 500 OS
- Interpret common system messages
- Replace auxiliary units in Advant Station 500 OS
- Find and replace faulty units in an Advant Controller 400
- Expand an Advant Controller 400 with new units

Participant profile

Maintenance, service and commissioning engineers.

Prerequisites

Maintenance, service and commissioning engineers

Topics

- The different parts of the system and their interaction
- Use of the manuals and other standard documentation
- Advant Controller 400 I/O and the central functions
- Advant Controller 400 I/O expansion
- Advant Station 500 OS, service functions
- Communication hardware
- Fault finding techniques

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

5 days

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