
COURSE DESCRIPTION

CHP435

EDS P3 Engineering and Service Tool

Course goal

The course goal is to prepare students to use the engineering and service tool EDS P3 in the field of Plant Automation Applications.

Main learning objectives

The participants will be able to:

- Handle and utilize the EDS-P3 tool
- Generate and modify functional diagrams
- Generate programs and loading processors
- Monitor and simulate signals online
- Load modules:
 - Code generation, loading processors, programming EPROMs*
- Backup and restore, data transfer EDS to operating station

Participant profile

Maintenance, service, application, system and process engineers.

Prerequisites

Engineering degree, technical college qualifications or equivalent. General knowledge on automation and control systems

Required basic courses or relevant experience:

- CHP433

Topics

- Introduction:
 - Main features, documents generated, debugging facilities*
- Basic handling:
 - Manuals, help functions, user shell*
- Engineering:
 - Entering and verification of engineering information, processing data, use of HW documentation (signal flow diagrams)*
- Debugging facilities:
 - displaying and forcing signals, modifying parameters, locate HW module failures, signal tracing, use of test module*

Course type

This is a face to face class room training with maximum 6 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

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