

COURSE DESCRIPTION

CHP434

Progress 3 Basics and Application

Course goal

The course goal is to prepare students for the application of Progress 3 planning and service tool in the field of Plant Automation Applications.

Main learning objectives

The participants will be able to:

- Understand Progress 3 system functions
- Generate and modify functional diagrams
- Generate programs and loading processors
- Monitor and simulate signals online

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 courses or relevant experience:

- CHP433

Topics

- Introduction:
System overview, PC Hardware, operating system, interfaces to control system
- Engineering:
*Entering and verification of engineering information
Input / Outputs, functions, signal-network, bus structure*
- Load modules:
Code generation, loading processors, programming EPROMs
- Debugger:
Functions, handling instructions, recording of process signals

- Application example:

Initializing, main menu, functional diagram editor, hardware editor

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 for beginners, without knowledge on Progress 2

2 days, if trainees are already familiar with previous Tool Progress 2

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