

Customer Training - CODESYS 3.5 Advanced Programming

OEM: WAGO • Code: CUSTOMER_TRAINING_CODESYS_3_5_ADVANCED_P

COURSE DESCRIPTION

This section doesn't contain any content.

AUDIENCE PROFILE

- The WAGO CODESYS Advanced training is tailored for those individuals who have had hands-on work experience in programming and installing PFC, PLC, or PC-based industrial control systems. It is essential that attendees have a solid knowledge of programming concepts.

PREREQUISITES

- The training class includes several hands-on exercises with CODESYS 3.5 and Ethernet-based controllers; therefore, we request that each attendee bring a computer with RJ45 Ethernet connectivity along with Admin rights.
- Please have CODESYS 3.5, along with the WAGO Device Support Package, downloaded prior to class. Downloaded at CODESYS Development System V3

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- This section doesn't contain any content.

COURSE OUTLINE

Module 1: Course Outline

- Hands-on exercises using Structured Text programming language
- Object-Oriented Programming – class, object, inheritance, encapsulation
- Summarized WAGO Automation component overview
- Alarm Configuration/Manager
- Advanced Visualization options – dialogs, login, images
- Creating and utilizing libraries in projects
- File access – read/write, SD card, FTP, JSON
- CODESYS 3.5 navigation and IEC61131-3 advantages

- MQTT Broker/Server
- Project management including saving and sharing
- Using Data Types – structures, UDT, enumerators
- User Management and permissions
- Task Configuration