

Customer Training - Programming Controllers Featuring CODESYS 3.5

OEM: WAGO • Code: CUSTOMER_TRAINING_PROGRAMMING_CONTROLLER

COURSE DESCRIPTION

This section doesn't contain any content.

AUDIENCE PROFILE

- The WAGO controller programming trainings are 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 knowledge of basic electronics, i.e. voltage, current and power relationships, and a basic 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 Description CODESYS downloaded prior to class. 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

- WAGO Automation component overview, including PLC's and HMI screens
- Programmable device setup and communications
- CODESYS 3.5 navigation and IEC61131-3 advantages
- Troubleshooting and module configuration with WAGO-I/O-Check
- Creating visualizations/webpages and exploring display options
- Project management including saving and sharing
- Using variables, addressing, arrays, task configurations and other functions
- User management and permissions

- Loading and utilizing libraries in projects
- Exercises with multiple fieldbus protocols including Modbus, EtherNet/IP, and more...