

GX Works2 Programming

OEM: Mitsubishi Electric • Code: GX_WORKS2_PROGRAMMING

COURSE DESCRIPTION

This course is intended to introduce and take an in-depth look at the features and programming languages of the GX Works2 software. Programming topics include ladder logic, basic programming, diagnostics, and intelligent modules. This course may be conducted on the iQ Series or FX3 Series hardware.

AUDIENCE PROFILE

- Students responsible for programming and troubleshooting in the GX Works2 software

PREREQUISITES

- None, but some experience with programmable controllers is helpful
- The following eLearning courses may be beneficial: Q Series Basics
- GX Works2 Basics
- PLC Programming Basic (Ladder)

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

- iQ Series Hardware
- FX Series Hardware
- GX Works2 Introduction
- Ladder Logic
- Ladder Program Documentation
- Connect and Transfer
- Simulation

- Monitoring Tools
- Parameter Settings
- Timers
- Counters
- Basic Instructions
- Special Addresses
- Math and Conversion
- Editing Tools
- Diagnostics
- Sampling Trace
- Intelligent Modules
- Real Time Clock
- Multiple Programs