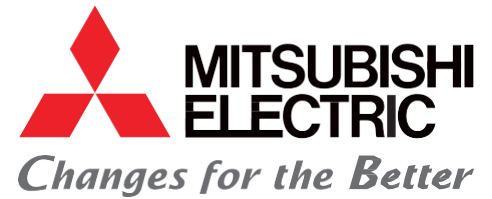




for a greener tomorrow



Simple Motion GX Works3

MOTION CONTROLLER & SERVO TRAINING

Course Description

Simple Motion GX Works3	
Course Code	TRMOT202P
Length	4 Days
Prerequisite	GX Works3 Programming

RECOMMENDED E-LEARNING

- [Servo Basics](#)
- [Servo Amplifier](#)
- [iQ-R Simple Motion](#)
- [iQ-F Simple Motion](#)

INTRODUCTION

This class is focused on positioning control, and does not contain a discussion of PLC addressing, address types, basic software operation or hardware configuration. The material in this class is applicable to all of the RD77MS, RD77GF, and FX-40SSC-S positioning modules.

WHO SHOULD ATTEND?

Students will learn how to create a simple motion system with the iQ-R/iQ-F platform. Positioning, parameters, homing, diagnostics, synchronous, and camming features are discussed. Students will have the opportunity to create their programs in multiple programming languages.

COURSE HARDWARE

RD77MS/GF, FX5-40SSC-S

PREREQUISITES EXPLAINED

Students should have already attended the GX Works3 Programming course, or have at least 1 year experience programming Mitsubishi Electric iQR/F PLCs.

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COURSE OUTLINE

- LESSON 1 Module Introduction
- LESSON 2 GX Works3 Configuration
- LESSON 3 Module Configuration
- LESSON 4 Labels
- LESSON 5 Module Control
- LESSON 6 Diagnostics
- LESSON 7 Home Position Return
- LESSON 8 Positioning Tables
- LESSON 9 Positioning Profiles
- LESSON 10 Speed Control Profiles
- LESSON 11 Advanced Positioning
- LESSON 12 Synchronous Mode
- LESSON 13 Synchronous Configuration
- LESSON 14 Synchronous Operation
- LESSON 15 Cam Function
- LESSON 16 Additional Programming Methods
- LESSON 17 RD77GF Introduction

MITSUBISHI CERTIFICATION

This class is eligible for Mitsubishi Certification. Simply notify your instructor that you wish to pursue certification.

