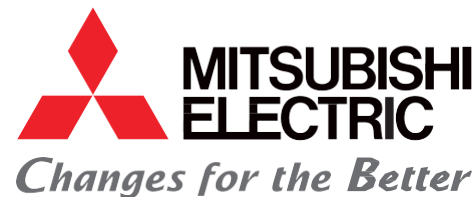




for a greener tomorrow



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 iQ-R/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.

