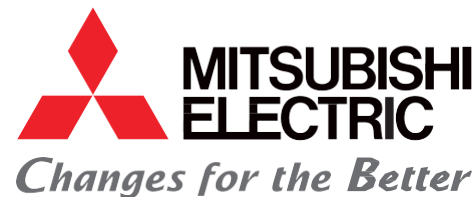




for a greener tomorrow



D75/D77 Positioning

MOTION CONTROLLER & SERVO TRAINING

Course Description

D75/D77 Positioning	
Course Code	TRMOT112P
Length	2 Days
Prerequisite	GX Works2 Programming

RECOMMENDED E-LEARNING

[Servo Basics](#)
[Servo Amplifier](#)
[QD75 Positioning](#)
[QD77 Simple Motion](#)

INTRODUCTION

This course is intended to familiarize the attendee with the QD75, QD77, LD75, and LD77 families of motion control modules and the software needed to configure, make changes, and maintain a motion system. 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 QD75, QD77, LD75, and LD77 positioning module families.

WHO SHOULD ATTEND?

This class will teach the student the necessary concepts of how to configure and program a simple motion system.

COURSE HARDWARE

QD75, QD77, LD75, LD77

PREREQUISITES EXPLAINED

Students should have already attended the GX Works2 Programming course or have at least 1 year experience programming Mitsubishi Electric PLCs.

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COURSE OUTLINE

LESSON 1	Module Introduction
LESSON 2	GX Works2 Configuration
LESSON 3	Module Configuration
LESSON 4	Module Control
LESSON 5	Diagnostics
LESSON 6	Origin Point
LESSON 7	Positioning Tables
LESSON 8	Positioning Profiles
LESSON 9	Speed Control Profiles
LESSON 10	Dedicated Commands
LESSON 11	Advanced Positioning

MITSUBISHI CERTIFICATION

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

