



for a greener tomorrow



D75/D77 Positioning

MOTION CONTROLLER & SERVO TRAINING

Course Description

| D75/D77 Positioning | |
|---------------------|-----------------------|
| Course Code | TRMOT112P |
| Length | 2 Days |
| Price | \$750 |
| Prerequisite | GX Works2 Programming |

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.

RECOMMENDED E-LEARNING

[Servo Basics](#)

[Servo Amplifier](#)

[QD75 Positioning](#)

[QD77 Simple Motion](#)

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 |

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