



for a greener tomorrow



# M700 Maintenance Training

## Service and Maintenance

### Course Description

M700 Maintenance Training	
<b>Course Code</b>	MENC70-0101
<b>Course Credits</b>	3.0 credits
<b>Length</b>	3 Days
<b>Price</b>	\$2,000
<b>Prerequisite</b>	None

#### INTRODUCTION

This course has been designed to explain the Mitsubishi Electric M700 Control and CNC concepts through lecture and hands-on practice. Upon completion of this course, maintenance employees will have a fundamental understanding of the M700 control(s) and should be able to troubleshoot and maintain a complete control system.

#### WHO SHOULD ATTEND?

Students who desire to learn how to service, maintain, diagnose and troubleshoot the M700 control should attend this class.

#### COURSE HARDWARE

FCA720-NP, FCA730-N, FCA750-N, FCA730NVW, FCA750VW, MDS-D-V1-xx, MDS-D-SP-xx

#### PREREQUISITES EXPLAINED

No prerequisites. This class is recommended for beginners with little or no experience with Mitsubishi Electric controls.

#### COURSE OUTLINE

- LESSON 1** General System Overview
- LESSON 2** M700 Hardware & Connections
- LESSON 3** MELDAS Screen Navigation
- LESSON 4** Backup Procedures
- LESSON 5** Reinitialization Procedures
- LESSON 6** Drive System Overview
- LESSON 7** Parameter Settings
- LESSON 8** NC & Hands-on Troubleshooting
- LESSON 9** User PLC Diagnostics
- LESSON 10** Ethernet Setup

#### CERTIFICATION LEVELS

After completing this class, take just two more classes – MEPLC0-0101 & MEPRG0-0101 – to become a Mitsubishi Electric Level 1 Certified Specialist. Learn more about Level 2 Master Certification and Level 3 Expert Certification [here](#).

#### MITSUBISHI ELECTRIC AUTOMATION, INC.

500 Corporate Woods Parkway, Vernon Hills, IL 60061  
Ph 847.478.2500 • Email: CNCtraining@meau.com

[us.MitsubishiElectric.com/fa/en](http://us.MitsubishiElectric.com/fa/en)

November, 2016 • ©2016, Mitsubishi Electric Automation, Inc. • Specifications subject to change without notice. • All rights reserved

T-VH-00041

