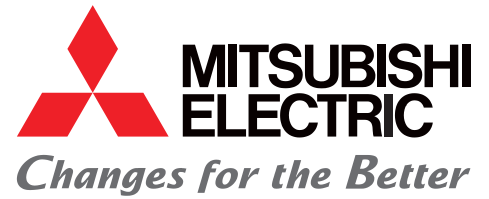




for a greener tomorrow



# Citizen M500 Maintenance Training

## Service and Maintenance

### Course Description

Citizen M500 Maintenance Training	
Course Code	MEMTBCZ-5101
Course Credits	3.0 credits
Length	3 Days
Price	\$2,000
Prerequisite	None

#### INTRODUCTION

This course has been designed and tailored to fit the uniqueness of Citizen machines using the Mitsubishi Electric M500 control. Upon completion of this course, maintenance employees will have a fundamental understanding of the M500 control and should be able to troubleshoot and maintain a complete control system on any Citizen machine.

#### WHO SHOULD ATTEND?

This class is intended only for students who are interested in learning the Mitsubishi Electric M500 control on Citizen machines.

#### COURSE HARDWARE

FCA530LHC, FCA530LCD-E, MDS-C1-V1-xx, MDS-C1-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 M500 Hardware & Connections
- LESSON 2 Control LEDs
- LESSON 3 Citizen Screen Navigation
- LESSON 4 Backup Procedures
- LESSON 5 Reinitialization Procedures
- LESSON 6 Citizen-specific Formatting
- LESSON 7 Drive System Overview
- LESSON 8 Parameters, Macros & Custom Variable Settings
- LESSON 9 NC Troubleshooting
- LESSON 10 Citizen Machine-side Functions & Troubleshooting

#### 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](#).

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