



for a greener tomorrow



# Mazak Matrix II Maintenance Training

## Service and Maintenance

### Course Description

Mazak Matrix II Maintenance Training	
<b>Course Code</b>	MEMTBMZ-7102
<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 Mazatrol Matrix II Control and CNC concepts through lecture and hands-on practice. Upon completion of this course, maintenance employees will have a fundamental understanding of the Matrix II Control 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 Matrix II control should attend this class.

#### COURSE HARDWARE

FCA731PY, FCA751PY, MDS-DH-V1/V2-xx, MDS-DH-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** Matrix II Hardware & Connections
- LESSON 3** Mazatrol 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** Mazak 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](#).

#### MITSUBISHI ELECTRIC AUTOMATION, INC.

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