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Mazak Fusion Maintenance Training

Service and Maintenance

Course Description

Mazak Fusion Maintenance Training	
Course Code	MEMTBMZ-6101
Course Credits	3.0 credits
Length	3 Days
Price	\$2,000
Prerequisite	None

INTRODUCTION

This course has been designed to explain the Mazatrol Fusion Control through lecture and hands-on practice. Upon completion of this course, maintenance employees will have a fundamental understanding of the Fusion 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 Fusion control should attend this class.

COURSE HARDWARE

FCA635LNYS, FCA635MNY, FCA635LY, MDS-C1-V1/V2-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** General System Overview
- LESSON 2** Fusion 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](#).

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T-VH-00047

