

Mazak Matrix Maintenance Training

SERVICE AND MAINTENANCE

Course Description

Mazak Matrix Maintenance Training	
Course Code	MEMTBMZ-7101
Course Credits	3.0 Credits
Length	3 Days
Prerequisite	None

INTRODUCTION

This course is tailored to explain the Mazatrol Matrix 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 control and should be able to troubleshoot and maintain a complete Matrix control system.

WHO SHOULD ATTEND?

Students who service, maintain, diagnose and troubleshoot Matrix controls.

COURSE HARDWARE

FCA730PY, FCA750PY, MDS-DH-V1/V2-xx,
MDS-DH-SP-xx

PREREQUISITES EXPLAINED

No prerequisites required. 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 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

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