

Matrix / Smooth Training for Mazak Personnel

SERVICE AND MAINTENANCE

Course Description

Matrix/Smooth Training for Mazak Personnel	
Course Code	MEMTBMZ-8701
Course Credits	3.0 Credits
Length	3 Days
Prerequisite	None

INTRODUCTION

This course is tailored to explain the Mazatrol Matrix & Smooth controls to Mazak Personnel (only). Through lecture and hands-on practice, and upon completion of this course, Mazak service employees will have a fundamental understanding of the Matrix and Smooth controls, and they should be able to troubleshoot and maintain a complete Matrix or Smooth control system.

WHO SHOULD ATTEND?

Mazak employees who service, maintain, diagnose and troubleshoot the Matrix and Smooth controls.

COURSE HARDWARE

FCA730PY, FCA750PY, MDS-DH-V1/V2-xx,
MDS-DH-SP-xx FCU8-MA041-Y01, FCU8-MA041-Y02,
FCU8-MA041-Y0x, FCU8-PC231, FCU8-CF011-Y0x,
FCU8-YZ191, FCU8-DX749, FCU8-DX651,
MDS-EH-V1/V2-xx, MDS-EH-SP-xx

PREREQUISITES EXPLAINED

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

MITSUBISHI ELECTRIC AUTOMATION, INC.

500 Corporate Woods Parkway, Vernon Hills, IL 60061
Ph: 847.478.2100 • Email: Training@meau.com

us.MitsubishiElectric.com/fa/en

August 2024 • ©2024, Mitsubishi Electric Automation, Inc.
Specifications subject to change without notice. • All rights reserved

T-VH-00081

COURSE OUTLINE

LESSON 1	General System Overview
LESSON 2	Matrix & Smooth Hardware & Connections
LESSON 3	Matrix, Matrix Nexus, Smooth X, Smooth C, Smooth G Overview
LESSON 4	Mazatrol Screen Navigation
LESSON 5	Backup Procedures
LESSON 6	Reinitialization Procedures
LESSON 7	Drive System Overview
LESSON 8	Parameter Settings
LESSON 9	NC & Hands-on Troubleshooting
LESSON 10	User PLC Diagnostics
LESSON 11	Mazak Machine-side Functions & Troubleshooting

