



MITSUBISHI ELECTRIC TRAINING SOLUTIONS

# FR-A800 and FR-E800 Advanced VFD Training

## Course Description

FR-E800 VFD Training	
Length	1 Day
Prerequisite	Basics of Mitsubishi Electric Inverters

### [RECOMMENDED E-LEARNING](#)

[FA Equipment for Beginners, Inverters](#)

[FREQROL Basics 800 \(Operation, Function, Maintenance\)](#)

### INTRODUCTION

This course is designed to add additional training on features and functions of Mitsubishi's FR-A800 and E800 VFD series. This class will build on the skills learned in the Basics of Mitsubishi Inverter Class. It will cover the operations, common parameters, features, and functions of the FR-A800 and E800 standard model VFD.

### WHO SHOULD ATTEND?

This course is ideal for the student responsible for the installation, programming, and troubleshooting of Mitsubishi's FR-A800 & FR-E800 VFD series.

### COURSE HARDWARE

FR-A800 and/or FR-E800 Series VFD and FR-Configurator2 software.

### PREREQUISITES EXPLAINED

A student must have a basic understanding of electronics principles, industrial control concepts, Mitsubishi inverter programming, FR Configurator2 Software, and Inverter wiring connection.

### MITSUBISHI ELECTRIC AUTOMATION, INC.

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### COURSE OUTLINE

**Lesson 1 Mitsubishi FR-A800 Inverter Product Line**

**Lesson 2 Mitsubishi FR-E800 Inverter Product Line**

**Lesson 3 A800 Installation & Wire Connections**

**Lesson 4 E800 Installation & Wire Connections**

**Lesson 5 Control Mode Parameters**

**Lesson 6 Application Parameters**

**Lesson 7 Faults and Troubleshooting**

**Lesson 8 Built in PLC (Developer Software)**

**Lesson 9 A800-E & E800-E Built in Ethernet Communications**

### MITSUBISHI CERTIFICATION

This class is eligible for Mitsubishi Certification. Simply notify your instructor that you wish to pursue certification.