for a greener tomorrow

MITSUBISHI ELECTRIC
Changes for the Better

GX Works3 Programming
SOFTWARE TRAINING

Course Description

GX Works3 Programming	
Course Code	TRSFT108P
Course Credits	4.0 Credits
Length	4 Days
Price	$1500
Prerequisite	None

INTRODUCTION
This course is intended to introduce and take an in-depth look at the features and programming languages of the GX Works 3 software. It provides full descriptions of Ladder, ST, SFC, and FBD/LD languages utilizing label based programming.

WHO SHOULD ATTEND?
Students responsible for creating programs in the structured programming languages: ST, SFC, structured ladder/FBD, and ladder using device and label based programming.

COURSE HARDWARE
iQ-R, FX5

PREREQUISITES EXPLAINED
Students should have some PLC programming experience. Some topics covered are advanced in nature.

RECOMMENDED E-LEARNING
GX Works3 (Ladder)

COURSE OUTLINE

LESSON 1	GX Works3 Compatible Hardware
LESSON 2	GX Works3 Introduction
LESSON 3	e-Manual Viewer (Help)
LESSON 4	Creating a Project
LESSON 5	Labels
LESSON 6	Online Operations
LESSON 7	Structured Text (ST)
LESSON 8	Function Block Diagram (FBD/LD)
LESSON 9	Functions and Function Blocks (FB)
LESSON 10	Intro to Sequential Function Chart (SFC)
LESSON 11	Parameters
LESSON 12	System Addressing
LESSON 13	Timers and Counters
LESSON 14	Multiple Programs
LESSON 15	Intelligent Modules
LESSON 16	Special Addresses
LESSON 17	GX Works3 Utilities

MITSUBISHI UNIVERSITY

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

June, 2020 • ©2020, Mitsubishi Electric Automation, Inc.
Specifications subject to change without notice. • All rights reserved

T-VH-00015