

Safety Systems iQ-R

OEM: Mitsubishi Electric

COURSE DESCRIPTION

This course is intended to introduce and take an in-depth look at the iQ-R Safety CPU and available safety I/O options in CC-Link IE Field and CC-Link IE TSN Programming topics include system configuration, safety modules, network configuration, and safety programming

AUDIENCE PROFILE

- Students responsible for programming and troubleshooting the iQ-R Safety CPU

PREREQUISITES

- GX Works3 Programming

The following eLearning courses may be beneficial:

- <https://www.mitsubishielectric.com/fa/service-support/global/e-learning/eng.html>
- CC-Link IE Field Network (MELSEC iQ-R Series)
- CC-Link IE TSN
- Safety CPU Basics (MELSEC iQ-R Series)

Course Hardware

- This course may be conducted on the iQ-R Series Safety CPU

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- This section doesn't contain any content.

COURSE OUTLINE

Module 1

- Safety Hardware
- Creating a Safety Project
- Safety Controller Basics

- Safety Inputs and Outputs
- Local Safety Modules
- CC-Link IE Field Configuration
- CC-Link IE TSN Configuration
- Safety Programming
- Safety Function Blocks
- Monitoring and Diagnostics