

PROGRAMMABLE LOGIC CONTROLLER (PLC) LEVEL 1



اونيورسيتي تيكنيكل مليسيا ملاك

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

COURSE OVERVIEW

This course is designed to provide participants with the fundamental and hands on knowledge of PLC that used in the various field of automation. Participants would be exposed to theoretical and practical session about PLC from wiring input and output devices and its programming software.

COURSE OBJECTIVES

At the end of the module, participants should be able to:

- Identify PLC hardware and software components including wiring diagram.
- Identify input and output devices and address configuration.
- Develop ladder diagram with basic instruction set including timer and counter for a specific application.
- Perform troubleshooting for basic PLC hardware and software problems.

TRAINING EQUIPMENT

- CJ1M OMRON PLC.
- CX Programmer software.

WHO SHOULD ATTEND

This course is designed to those who are related to the field of automation system such as Engineers, Technical Lecturer, Technicians and Technical Students.



METHODOLOGY

Lectures and practical session.

COURSE DURATION

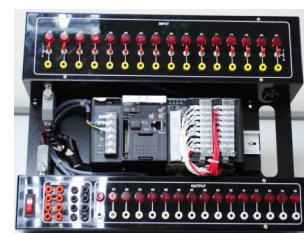
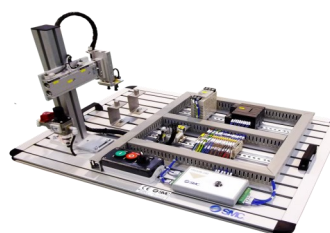
2 Days.

PRE-REQUISITE

No.

CERTIFICATION

Certificate from OMRON will be issued only to those who pass the assessment.



For registration, please contact:

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OMRON
Industrial Automation

PROGRAMMABLE LOGIC CONTROLLER (PLC) LEVEL 2



COURSE OVERVIEW

This course is designed to provide participants with the fundamental and hands on knowledge of PLC that used in the various field of automation. Participants would be exposed to theoretical and practical session about PLC including analog input and output module configuration and sequential programming for Modular Production System (MPS).

COURSE OBJECTIVES

At the end of the module, participants should be able to:

- Practice sequential programming by using Shift Register Instruction technique for Modular Production System (MPS) application.
- Perform scaling for OMRON MAD42 analog input and output module.
- Able to perform troubleshooting for sensor or actuator failure.

TRAINING EQUIPMENT

- CJ1M OMRON PLC.
- Modular Production System (MPS)

WHO SHOULD ATTEND

This course is designed to those who are related to the field of automation system such as Engineers, Technical Lecturer, Technicians and Technical Students.

METHODOLOGY

Lectures and practical session.

COURSE DURATION

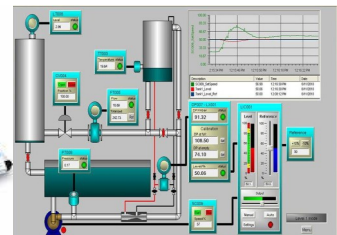
2 Days.

PRE-REQUISITE

PLC Level 1

CERTIFICATION

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