# PROGRAMMABLE LOGIC CONTROLLER

**DURATION** 5 days

**PREREQUISITES** Nil

## WHAT THIS COURSE DELIVERS

This PLC course covers the development of programs for an industrial system requiring advance control functions via programmable logic controllers or supervisory control and data acquisition systems. During the course, you will learn to:

- Develop a control system to the required operating functions and parameters.

- Identify non-compliance conditions of device installation.

- Enter programming functions and correct programming faults and anomalies.

- Test and verify device operation.

- Collect and analyse data and convert data to an appropriate database.

## WHO SHOULD ATTEND

This course is designed for tradespeople, senior tradespeople and engineers working in an electrical environment who have an interest in PLC technology used in SCADA systems.

## YOUR OPTIONS

The units for this course are delivered as part of Competency Training's UEE40411 Certificate IV in Electrical – Instrumentation course. Licensed electricians are eligible to enrol in this qualification with Competency Training and transfer credits for the units studies in this course.

Please contact us for more information on your options.

NATIONALLY RECOGNISED TRAINING

# UNITS OF COMPETENCY

**UEENEEE101A**     Apply Occupational Health and Safety regulations, codes and practices in the workplace

**UEENEEI150A**     Develop, enter and verify discrete control programs for programmable controllers

**UEENEEI151A**     Develop, enter and verify word and analogue control programs for programmable logic controllers

**UEENEEI152A**     Develop, enter and verify programs in Supervisory Control and Data Acquisition systems

Students are involved in a range of practical activities on our state-of-the-art PLC equipment throughout the training. Contact us to find out more.

# WHERE TO FROM HERE

This course has been designed to help equip operators for the future of process control. From here, course participants will return to site ready to conduct complex fault finding, implement PLC logic improvements and to develop control logic for the process / environment in which they are employed. It will help improve plant reliability and decrease downtime, as the maintainers should be able to quickly identify faults and prevent alarm flooding scenarios.

**COMPETENCY TRAINING**

RTO No. 31299

Brisbane         Sydney

Perth             Melbourne

Adelaide          Auckland

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