



# UEESS00135 - Instrumentation - Programmable Control Systems Skill Set

## Course description:

The training will provide participants with the skills and knowledge to develop, install and test programs for programmable logic controllers (PLC). You will explore leading PLC systems with a strong hands on approach in an industry environment.

## This course also provides:

- Codesys Programming – Standard PLC languages prescribed by IEC 61131-3
- The course also gives an outline to control methods used in process and automation industry

## Course outcomes include:

- develop, enter and verify programs for programmable logic controller (PLC)
- using control systems and control system development methods
- using ladder diagrams/statement list/function block diagram instruction sets
- following written instructions
- documenting program development and testing activities
- developing and entering industrial control system programs
- installing and testing programs for an industrial system requiring advanced control functions

## How to get involved:

You can express your interest via clicking [here](#), or by searching for UEESS00135 on tafensw.edu.au or calling (02) 7921 2969.

- Nationally Recognised Skill-set
- This training is fully subsidised by the TAFE NSW (**fee free**) – Domestic NSW students only
- Training is endorsed by industry body Institute of Instrumentation, Control & Automation (IICA)

### LOCATION

TAFE NSW Ultimo, Instrumentation Section  
Building P, level 1 Room 27

### DURATION

13 weeks

### STUDY TYPE

Part time evening 2 nights per week (5pm till 9pm). Monday & Wednesday.

### START DATE

07 Nov 2022

### STUDY COMMITMENT

8 Hours per week



RTO 90003. This document is correct at the time of printing: October 2022. \*Terms and conditions may apply.