



UEE40411 - Certificate IV in Electrical - Instrumentation



Course Description

UEE40411 Certificate IV in Electrical – Instrumentation is a qualification that provides competencies to select, install, commission, fault find and maintain electrical and instrumentation equipment in buildings and premises and instrumentation systems and core instrumentation equipment for process and control. It includes ERAC requirements for an 'Electrician's licence'.

The below units are offered assuming you are already an Electrician, where you would receive a credit transfer for any Electrical units required by this qualification.



Content Delivery

This course consists of two stages; The first stage is completed externally through an online learning system which is completely flexible and self-paced and equates to approximately 70 hrs of online learning. NOTE: This will vary with experience and capabilities of different students.

The second stage of the assessment is a two week intensive practical assessment which can be done on a flexible training timetable where the practicals are completed as follows: Week 1 and Week 2 Practical.



Entry Requirements

Students must hold a UEE30811 Certificate III in Electrotechnology – Electrician qualification or equivalent or hold an Unrestricted Electrical Licence – Electrical Mechanic. Currently we do not offer the Electrical units required by this qualification.

Please note: to simply have an electrical fitter licence is not sufficient.



Assessment

There is theory and practical assessments.



Offers

We also offer UEE31211 - Certificate III in Instrumentation and Control and a non-accredited Instrumentation Refresher.

\$4, 000 (GST Free)

or Higher Level Skills Co-Contribution Fee: \$990 (GST Free) (\$900 Concessional (GST Free) with Higher Level Skills Funding.



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Core Units of Competency offered

UEENEEE117A	Implement and monitor energy sector OHS policies and procedures.
UEENEEE124A	Compile and produce an energy sector detailed report.
UEENEEE038B	Participate in development and follow a personal competency development plan.
UEENEEK145A	Implement and monitor energy sector environmental and sustainable policies and procedures.
UEENEEI101A	Instrumentation drawings, specification, standards and equipment manuals.
UEENEEI102A	Solve problems in pressure measurement components and systems.
UEENEEI103A	Solve problems in density/level measurement components and systems.
UEENEEI104A	Solve problems in flow measurement components and systems.
UEENEEI105A	Solve problems in temperature measurement components and systems.

And your choice of Stream electives from either Stream 1 or 2 below:

Elective Units Stream One

UEENEEI106A	Set up and adjust PID control loops.
UEENEEI110A	Set up and adjust advanced PID process control loops.
UEENEEI139A	Diagnose and rectify faults in digital controls systems.
UEENEEI117A	Calibrate, adjust and test measuring instruments.

Elective Units Stream Two

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.