



UEE40411 Certificate IV in Electrical - Instrumentation

www.voltedge.net.au



Instrumentation Training Courses have become increasingly popular and required by the Australian Mining, Process, Oil and Gas Industries as electricians are looking to upskill for better job opportunities.

This course is suited to Unrestricted Electricians wanting to upskill to a Certificate IV qualification and gain knowledge and experience in the field of instrumentation and systems installed in the field of choice.

Course Cost

Course Cost: \$4,000.00 (GST Free) (Discount applies for previous Volt Edge students)

Higher Level Skills Co-Contribution Fee: \$990 Non-Concessional & \$900 Concessional (GST Free)*

(Payment plans available)

Course Duration and Assessment Methods

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.

The second stage of the assessment is a two week intensive practical assessment which can be done on a flexible training timetable where the approx. 20 separate practicals (depending upon Electives Chosen) are completed as follows;

- Week 1 Practical
- Week 2 Practical

Our Training Coordinators will let you know which days you will be required depending on your Electives and other competencies already completed.

Outcome

Upon successful completion of the theory and practical components you will be issued with a Nationally Recognised UEE40411 Certificate IV in Electrical – Instrumentation.

The Certificate IV in Electrical - Instrumentation Course is a qualification that contains a number of core units that are also delivered in the Certificate III in Electrotechnology (Electrician) qualification. Volt Edge do not offer these units currently, students must be hold a Certificate III in Electrotechnology or an Unrestricted Electrical Licence.

Units of Competency:

Core Units	
UEENEEE038B	Participate in development and follow a personal competency development plan
UEENEEE117A	Implement and monitor energy sector OHS policies and procedures
UEENEEE124A	Compile and produce an energy sector detailed report
UEENEEK145A	Implement and monitor energy sector environmental and sustainable policies and procedures
UEENEEI101A	Use 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
Elective Units – Stream One (1)	
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 (2)	
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

TRAINING LOCATIONS

BRISBANE:	8 Allworth Street, Northgate QLD 4013
SYDNEY:	47 Epping Road, Macquarie Park NSW 2113
MELBOURNE:	5/262 Wolseley Place, Thomastown VIC 3074

*Queensland Government Funding

Volt Edge has been approved for [Higher Level Skills funding](#) – * This program is open to Queensland residents, Aged 15 years or over who is no longer at school and, Is an Australian or New Zealand citizen, or Australian permanent resident (including humanitarian entrants), a temporary resident with the necessary visa and work permits on the pathway to permanent residency and prospective students must not have or be enrolled in a Certificate IV or higher-level qualification, not including qualifications completed at school and foundations skills training. This program is funded by the Queensland Government.

Please refer to our VE Funding page for full details. Contact Volt Edge to see if you are eligible.