



Certificate IV in Electrical- Instrumentation

UEE 40420

(release 1)



meo training

Course
Brochure





Scope:

This nationally recognised qualification 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.

Career Outcomes:

From Industrial Automation and Control Technician to Electrical and Instrumentation Tradesperson or Instrumentation and Control Technician, possibilities are vast. Industries include waste/water management, oil/gas including coal seam gas and coal, mining, pharmaceutical, automotive, breweries, cement, paper industries, and manufacturing.

Entry Requirements / Eligibility:

The entry requirement for this qualification is:

- UEE30820 Certificate III in Electrotechnology Electrician

Or

- a current 'Unrestricted Electricians Licence' or its equivalent issued in an Australian state or territory.

Students must have at least 1 year experience in the field to complete the qualification in the minimum amount of time advertised. Less experienced learners will need more time – contact us to discuss each individual situation.

Eligible students must be over 18 years old and have appropriate AQF Level Language, Literacy and Numeracy skills.

Structure

Students have 12 months to complete the course and duration of studies will vary with previous experience and knowledge.

The planned duration for this course is 120 hours over a period of 3 weeks. There is also the option of completing this qualification 100% online, or in a blended mode (part online and part face to face).

Week	Module	Contents
1	1	Theory delivery (40h)
2	2	Self-study (14h)
	3	Theory assessments+ written project (26h)
3	4	Practical training + practical assessments (40h)

Price

The price of this qualification is 4000AUD.



Course Outline

This qualification is comprised of 9 core and 2 elective units (120 weighting points from elective units), as per table below. Students might be able to Credit units from other courses – Meo Training will check this on enrolment.

Unit	Core/ Elective
UEECD0010 Compile and produce an energy sector detailed report	C
UEECD0024 Implement and monitor energy sector WHS policies and procedures	C
UEECD0027 Participate in development and follow a personal competency development plan	C
UEEIC0038 Solve problems in density/level measurement components and systems	C
UEEIC0039 Solve problems in flow measurement components and systems	C
UEEIC0041 Solve problems in pressure measurement components and systems	C
UEEIC0043 Solve problems in temperature measurement components and systems	C
UEEIC0047 Use instrumentation drawings, specifications, standards and equipment manuals	C
UEERE0015 Implement and monitor energy sector environmental and sustainable policies and procedures	C
UEEIC0013 Develop, enter and verify discrete control programs for programmable controllers	E
Choose 1 from the following:	
UEEIC0015 Develop, enter and verify word and analogue control programs for programmable logic controllers	E
UEEC0026 Provide solutions to fluid circuit operations	E