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RTO # 52737

FUNDED
UEE40420
Certificate IV
in Electrical
Instrumentation



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UEE40420 – Certificate IV in Electrical Instrumentation

This nationally recognized training is aimed at qualified Electricians who would like to gain exposure in or enhance their PLC, HMI and Process instrumentation skills giving them the edge to enter into the Oil & Gas Industry or any industry of preference. Learn how the PLC interfaces with field instrumentation, how to select, install, commission, fault find and maintain electrical instrumentation.

Prerequisites:

Applicants must hold a current Unrestricted Electricians Licence for full qualification or hold UEE30820 Cert III in Electro technology- Electricians or equivalent.

Availability: Visit www.techskillsau.com.au and click Online enrollments.

Duration:

Maximum 12-14 days of intensive training
Part 1: Instrumentation and
Part 2: PLC, HMI and soft skills units

Fees:

- Funded Fee - \$641.52 (Indicative Price)
(For more details, check Fee Schedule on our website)
- Student needs to meet the eligibility criteria to receive funding.

Course Outcome

Full Qualification:

Students who are found satisfactory in both the theoretical and practical components of this qualification, will be awarded the UEE40420 – Certificate IV in Electrical Instrumentation.

COURSE CONTENT:

All the units of competency for this qualification, including core and elective units, are listed below.

Entry Requirements:

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.

Core Competency Standard Units Code and Descriptions:

UEECD0024: Implement and monitor energy sector OHS policies and procedures.

UEECD0010: Compile and produce an energy sector detailed report.

UEERE0015: Implement and monitor energy sector environmental and sustainable policies and procedures.

UEECD0027: Participate in development and follow a personal competency development plan.

UEEIC0047: Use instrumentation drawings, specifications, standards and equipment manuals.

UEEIC0041: Solve problems in pressure measurement components and systems.

UEEIC0038: Solve problems in density/level measurement components and systems.

UEEIC0039: Solve problems in flow measurement components and systems.

UEEIC0043: Solve problems in temperature measurement components and systems.

Elective Competency Standard Units Code and Descriptions:

UEEIC0013: Develop, enter and verify discrete control programs for programmable controllers.

UEEIC0015: Develop, enter and verify word and analogue control programs for programmable logic controllers.

Optional Unit - Fee for Service:

UEEIC0014: Develop, enter and verify programs in Supervisory Control and Data Acquisition systems.