

SKILLS LAB

Skills Lab Pty Ltd RTO Code 45486

UEE40411 Certificate IV in Electrical - Instrumentation

Experts predict the Global Process Automation and Instrumentation market will skyrocket from approximately \$60 billion dollars in 2017 to nearly \$106 billion dollars by 2026 with a CAGR of 6.5%¹. As such, qualified and suitably skilled individuals with hands-on, practical expertise will be required to enable and support this growing industry.

Undertaking this qualification provides the opportunity to gain 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'.

As a wholly owned subsidiary of SAGE Group of Companies and a sister company to SAGE Automation, Skills Lab will provide you with the opportunity to learn from real life examples and insights. As such, you will have access to current equipment, accessing practical learning on world leading training platforms.¹

¹Data attributed to reports by marketwatch.com and wiseguyreports.com

For a more detailed discussion on your training requirements and availability, please contact Skills Lab on 1300 080 302.

Getting Started

Prerequisites

An Electrical Licence (UEE30811 - Certificate III in Electrotechnology Electrician) is required prior to enrolling in UEE40411 Certificate IV in Electrical - Instrumentation. Please contact us for more information or to discuss your eligibility.

Delivery Method

Training and assessment will be by flexible delivery combining self-paced blended learning, one-on-one learning, lab/site based performance activities and a workplace log book.

Training Duration

The volume of learning range provides you with an indication of the amount of training. As you will be working with a competency-based training environment, which is centred on demonstrated competence against industry-defined standards of performance rather than strict course durations, you will not be required to study for a specified number of weeks or months.

The period of training is co-dependent on your availability and access to the necessary workplace equipment. It is expected this particular course will involve between 600 - 2,400 hours of learning or 6 months - 12 months of study, however learners have up to 2 years to complete.

Location

This course is offered Australia-wide. Skills Lab will deliver training in our lab or on site where facilities are available and support the learning requirements.

Skills Lab facilities are fitted with the latest equipment, training infrastructure and platforms; resembling a typical work set up. This aids practical, hands-on skill development, steering participants towards success in the workplace.

Cost

\$7,250



Payment Method

This course is not covered by VET-fee HELP. Total cost = \$7,250. This will include a course deposit of \$1,500 plus two periodic payments based on duration and completion of milestones.

Recognition of Prior Learning (RPL)
RPL may be offered to those individuals who believe they possess the required skills/knowledge against the knowledge and performance criteria for each unit. Any decisions about granting RPL will take into account the learners' likelihood of successfully achieving the qualification outcomes - ensuring the integrity of the qualification outcomes is maintained.

Quick Facts

- | | |
|----------------------------|---|
| > DURATION | 6 months - 2 years |
| > COURSE INCLUSIONS | Skills Lab will issue Australian Qualifications Framework certification to learners who have been assessed as meeting the requirements of the UEE40411 - Certificate IV in Electrical - Instrumentation, as specified in the training package listed on training.gov.au |
| > INVESTMENT | \$7,250 |
| > PREREQUISITES | Participants must have completed UEE30811 Certificate III in Electrotechnology Electrician prior to enrolling in this course. |
| > SCHEDULE | Contact us for suitable dates and locations |

Course 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
- > **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
- > **UEENEK145A** Implement and monitor energy sector environmental and sustainable policies and procedures
- > **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



Prior Learning Credit

The following units will be credit transferred for participants who hold an electrical licence and have completed these units previously:

> UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace	> UEENEEG102A	Solve problems in low voltage a.c. circuits
> UEENEEE102A	Fabricate, assemble and dismantle utilities industry components	> UEENEEG103A	Install low voltage wiring and accessories
> UEENEEE104A	Solve problems in d.c. circuits	> UEENEEG104A	Install appliances, switchgear and associated accessories for LV electrical installations
> UEENEEE105A	Fix and secure electrotechnology equipment	> UEENEEG105A	Verify compliance and functionality of low voltage general electrical installations
> UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications	> UEENEEG106A	Terminate cables, cords and accessories for low voltage circuits
> UEENEEE137A	Document and apply measures to control OHS risks associated with electrotechnology work	> UEENEEG107A	Select wiring systems and cables for low voltage general electrical installations
> UEENEEG006A	Solve problems in single and three phase low voltage machines	> UEENEEG108A	Trouble-shoot and repair faults in low voltage electrical apparatus and circuits
> UEENEEG033A	Solve problems in single and three phase low voltage electrical apparatus and circuits	> UEENEEG109A	Develop and connect electrical control circuits
> UEENEEG063A	Arrange circuits, control and protection for general electrical installations		
> UEENEEG101A	Solve problems in electromagnetic devices and related circuits		

SKILLS LAB

CONTACT US FOR MORE INFORMATION

Individuals who wish to discuss RPL eligibility, schedule of payments or enrolment details should contact Skills Lab.

T 1300 080 302

@ skills@skillslab.com.au

For a more detailed discussion on your training requirements and availability, please contact Skills Lab on 1300 080 302.