SKILLS LAB

Skills Lab Pty Ltd RTO Code 45486

UEE43211 Certificate IV in Industrial Automation & Control

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 you with 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]

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

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

Getting Started

Prerequisites

An Electrical Licence (UEE30811 - Certificate III in Electrotechnology Electrician) is required prior to enrolling in UEE43211 - Certificate IV in Industrial Automation & Control. 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

$15,950

Nationally Recognised Training

Payment Method

This course is not covered by VET-fee HELP.
Total cost = $15,950. 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 UEE43211 - Certificate IV in Industrial Automation & Control, as specified in the training package listed on training.gov.au
> INVESTMENT	$15,950
> 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

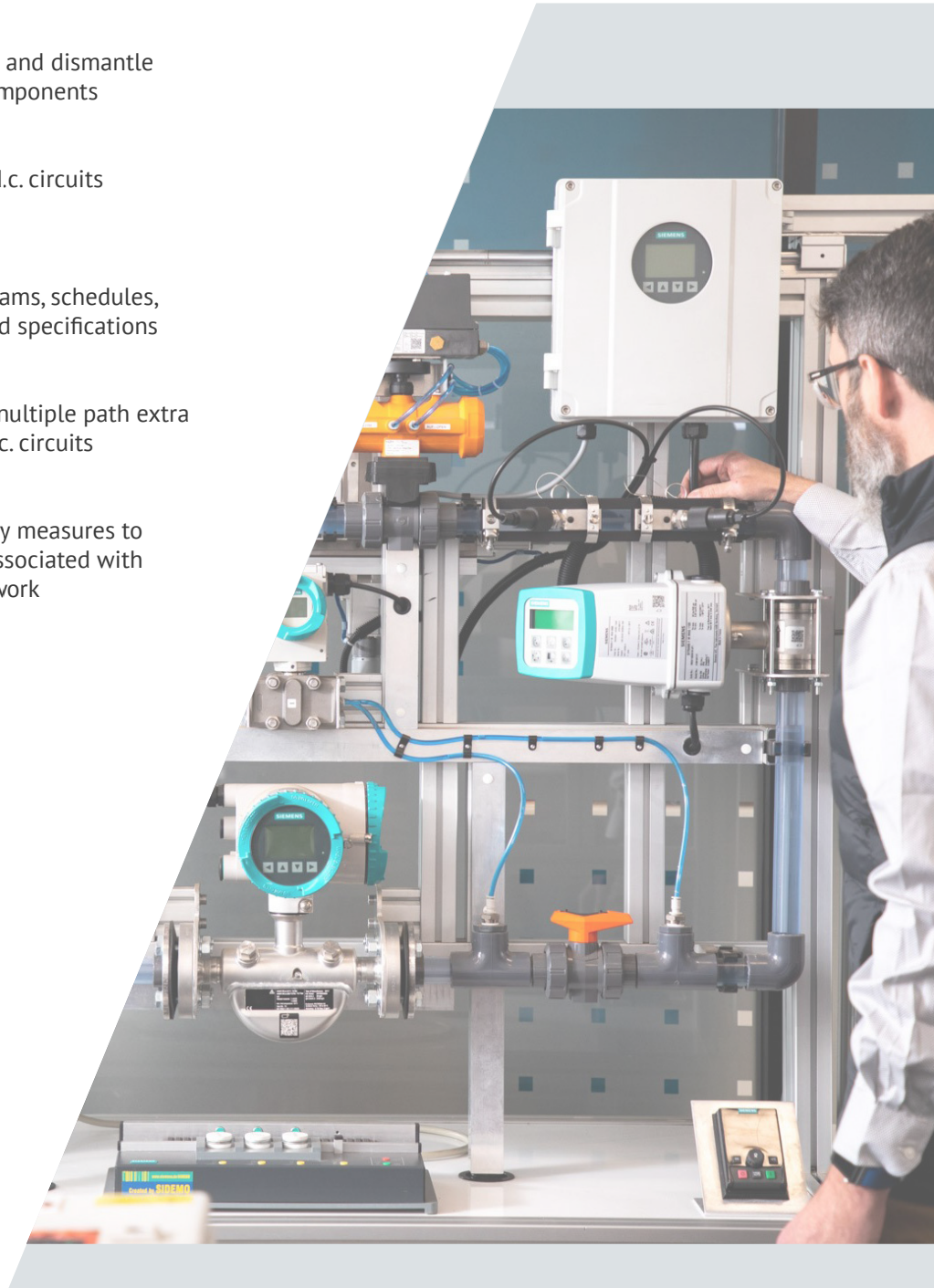
Course Units

- **UEENEED104A** Use engineering applications software on personal computers
- **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
- **UEENEEI138A** Provide solutions to extra low voltage (ELV) electro-pneumatic control systems and drives
- **UEENEEK145A** Implement and monitor energy sector environmental and sustainable policies and procedures
- **UEPOPS202B** Apply Quality Systems To Work Solve problems in temperature measurement components and systems
- **UEPOPS337B** Maintain Quality Systems within the Team
- **UEPOPS416B** Monitor the implementation of the enterprise's production-maintenance quality control procedures
- **UEENEEI139A** Diagnose and rectify faults in digital control systems
- **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
- **UEENEEI106A** Set up and adjust PID control loops
- **UEENEEI110A** Set up and adjust advanced PID control loops
- **UEENEEI111A** Find and rectify faults in process final control elements
- **UEENEEI152A** Develop, enter and verify programs in Supervisory Control and Data Acquisition systems
- **UEENEEI112A** Verify compliance and functionality of instrumentation and control installations
- **UEENEEI113A** Setup and configure human-machine interface (HMI) and industrial networks
- **UEENEEI150A** Develop, enter and verify discrete control programs for programmable controllers
- **UEENEEI120A** Provide solutions to problems in industrial control systems
- **UEENEEI122A** Assist in commissioning process and instrumentation control systems
- **UEENEEI151A** Develop, enter and verify word and analogue control programs for programmable logic controllers.
- **UEENEEI124A** Fault find and repair analogue circuits and components in electronic control systems

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
> UEENEEE102A	Fabricate, assemble and dismantle utilities industry components
> UEENEEE104A	Solve problems in d.c. circuits
> UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications
> UEENEEE119A	Solve problems in multiple path extra low voltage (ELV) a.c. circuits
> UEENEEE137A	Document and apply measures to control OHS risks associated with electrotechnology work



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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

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