SKILLS LAB

Skills Lab Pty Ltd RTO Code 45486

UEE31211 Certificate III Instrumentation & 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.

This qualification provides competencies to select, install, set up, test, fault find, repair and maintain systems and devices for measurement and recording of physical/chemical phenomenon and related process control.

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 practices and learnings 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.

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

Getting Started

Prerequisites

An Electrical License (UEE30811 - Certificate III in Electrotechnology Electrician) is required prior to enrolling in the Certificate III in Instrumentation and 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 the learner's availability and access to the necessary workplace equipment. It is expected this particular course will involve between 1,200 - 2,400 hours of learning or 9 -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

NATIONALLY RECOGNISED TRAINING

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	9 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 UEE31211 - Certificate III in Instrumentation and Control, 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

> **UEENEEC024B** Participate in instrumentation and control work and competency development activities

> **UEENEEE119A** Solve problems in multiple path extra low voltage (ELV) a.c. circuits (RPL)

> **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

> **UEENEEI107A** Install instrumentation and control cabling and tubing

> **UEENEEI108A** Install instrumentation and control apparatus and associated equipment

> **UEENEEI110A** Set up and adjust advanced PID process control loops

> **UEENEEI111A** Find and rectify faults in process final control elements

> **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

> **UEENEEK142A** Apply environmentally and sustainable procedures in the energy sector

> **UEENEEP013A** Disconnect - reconnect control devices connected to low voltage installation wiring (RPL)

> **UEENEEI117A** Calibrate, adjust and test measuring instruments

> **UEENEEI131A** Set up gas analysis measuring and control instruments

> **UEENEEI132A** Set up water analysis measuring and control instruments

> **UEENEEM080A** Report on the integrity of explosion-protected equipment in a hazardous area

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

> **UEENEEE105A**   Fix and secure electrotechnology equipment

> **UEENEEE107A**   Use drawings, diagrams, schedules, standards, codes and specifications

> **UEENEEE137A**   Document and apply measures to control OHS risks associated with electrotechnology work

> **UEENEEG106A**   Terminate cables, cords and accessories for low voltage 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.