

UEE31211

Certificate III in Instrumentation and Control

CRICOS CODE: 092756E



qualification summary

This qualification will provides you with skills and knowledge in instrumentation and process automation and control, allowing you to break into an industry that is high on the National Skills Shortage list.

outcomes

A variety of opportunities exist in numerous industries that require these advanced skill sets as a qualified Instrument Fitter:

- Water/wastewater treatment
- Oil/Gas including coal seam gas and coal
- Mining, pharmaceutical, automotive, breweries, cement, paper industries and manufacturing.

qualification delivery

This qualification is delivered face to face in the classroom and an adjoining workshop with self-paced independent learning and a significant 480 hour vocational placement in industry. Students will be provided with all learning resources and PPE.

The UEE31211 Certificate III in Instrumentation and Control is a 2-year program, including vocational placement and breaks. This qualification runs on a rolling intake meaning that students can join the program at any time and will be provided with a personalised timetable.

why choose eim?

- Only RTO in Australia to offer the UEE31211 Certificate III in Instrumentation and Control to International students
- Fully equipped workshop with PLC simulators and instrument simulator rigs
- Highly experienced industry trainers
- Online assessment platform, allowing you to log in to your studies anytime and anywhere

location

UEE31211 Certificate III in Instrumentation and Control is initially available at our Gold Coast campus.

class days

Classes/workshops will be held on Tuesday and Wednesday at 8am - 4pm.

learning outcomes

This qualification provides you with skills and knowledge 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.

entry requirements

All students will be required to have achieved equivalent Australian Year 11 qualifications. All students must have an overall IELTS 5.5 average or equivalent language level before being enrolled in the qualification.



NATIONALLY RECOGNISED
TRAINING

fee payment structure

Tuition:

- \$24,500

Deposit:

- \$250 application fee
- \$250 resource fee
- \$1,500 tuition deposit

1st Installment:

- \$1,000 on or prior to first day of class

Remaining fees:

- \$1,000 per month on the first day of each month until tuition fees are paid in full.

Refer to the Schedule of Fees on the website for qualification prices.

For further information or to enrol in the qualification

contact us on 1300 765 064

or visit our website www.eim.edu.au

units of competency

core units

A total of 23 core units must be completed.

Unit Code	Unit Description
UEENECC024B	Participate in instrumentation and control work and competency development activities
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
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
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 process instrumentation and tubing and control cabling
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
UEENEK142A	Apply environmentally and sustainable procedures in the energy sector
UEENEEP013A	Disconnect - reconnect control devices connected to low voltage installation wiring

elective units

Unit Code	Unit Description
UEENECC001B	Maintain documentation
UEENED101A	Use basic computer applications relevant to a energy sector workplace
UEENEEE020B	Provide basic instructions in the use of electrotechnology apparatus
UEENEEH102A	Repairs basic electronic apparatus faults by replacement of components
UEENEEI117A	Calibrate, adjust and test measuring instruments

all qualifications offered at EIM International Training

Early Childhood Education and Care Training

- CHC30113 Certificate III in Early Childhood Education and Care
(CRICOS Code: 083511A)
- CHC50113 Diploma of Early Childhood Education and Care
(CRICOS Code: 083512M)

Business Training

- BSB30415 Certificate III in Business Administration
(CRICOS Code: 086866E)
- BSB40215 Certificate IV in Business
(CRICOS Code: 086977J)

Management Training

- BSB51915 Diploma of Leadership and Management
(CRICOS Code: 089323A)

Marketing Training

- BSB42415 Certificate IV in Marketing and Communication
(CRICOS Code: 093526M)
- BSB52415 Diploma of Marketing and Communication
(CRICOS Code: 093527K)

Trades Training

- UEE31211 Certificate III in Instrumentation and Control
(CRICOS CODE: 092756E)

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