HELLO THERE, OUR DREAM IS TO HELP YOU MAKE GREAT HAPPEN

Payment options

Engage your hands and your analytical mind

Learn from passionate, highly-experienced teachers using industry-current equipment to become an Instrumentation Technician. This course will see you gain the skills in flow, temperature and density measurement, right through to automation and PLC control. Enrol now to begin a dynamic, diverse and technical career!

LOCATION/S
Toowoomba

DURATION
Workplace/TAFE: up to 4 years

Entry requirements

Students must be employed as an apprentice or trainee and have a signed Registered Training Contract, stating TAFE Queensland.

For further information about probationary periods for this trade qualification, visit...

more online

Resources required

- cotton drill long pants and shirt
- safety glasses
- personal stationery (pens and paper)
- scientific

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What are my payment options?

No matter what your circumstances, TAFE Queensland South West has a payment option to suit you. If you are unsure of what’s right for you, call us on 1300 914 754. We’re here to help.

more online

Accurate as at 13 July 2017. For the latest information see:
tafesouthwest.edu.au/course/14918

RTO 0275
CRICOS 03020E
Outcome

UEE31211 Certificate III in Instrumentation and Control

Job prospects

- Technicians And Trades Workers

Units

The successful achievement of this qualification requires you to complete 23 core units and a combination of elective competency standard units to achieve a total weighting of 140 points from the list below. Electives may differ between TAFE Queensland locations and regions.

UEENEEI110A Set up and adjust advanced PID process control loops Core
UEENEEI111A Find and rectify faults in process final control elements Core
UEENEEI108A Install instrumentation and control apparatus and associated equipment Core
UEENEEI107A Install instrumentation and control cabling and tubing Core
UEENEEC024B Participate in instrumentation and control work and competency development activities Core
UEENEEI106A Set up and adjust PID control loops Core
UEENEE112A Verify compliance and functionality of instrumentation and control installations Core
UEENEEI113A Setup and configure Human-Machine Interface (HMI) and industrial networks Core
UEENEEP013A Disconnect/reconnect control devices connected to low voltage installation wiring Core
UEEKEK142A Apply environmentally and sustainable procedures in the energy sector Core
UEEKEI150A Develop, enter and verify discrete control programs for programmable controllers Core
UEENEEI105A Solve problems in temperature measurement components and systems Core
UEENEEI104A Solve problems in flow measurement components and systems Core
UEENEE105A Fix and secure electrotechnology equipment Core
UEENEE104A Solve problems in d.c. circuits Core
UEENEE102A Fabricate, assemble and dismantle utilities industry components Core
UEENEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace Core
UEENEE107A Use drawings, diagrams, schedules, standards, codes and specifications Core
UEENEE119A Solve problems in multiple path extra low voltage (ELV) a.c. circuits Core
UEEKEI103A Solve problems in density/level measurement components and systems Core
UEEKEI102A Solve problems in pressure measurement components and systems Core
UEENEE101A Use instrumentation drawings, specification, standards and equipment manuals Core
UEEKEE137A Document and apply measures to control OHS risks associated with electrotechnology work Core
UEENED101A Use computer applications relevant to a workplace Elective
UEENEE131A Set up gas analysis measuring and control instruments Elective
UEENEE114A Trouble shoot process control systems Elective
UEENEE132A Set up water analysis measuring and control instruments Elective
UEENEE133A Set up scientific analysis measuring and control instruments Elective
HLTCPR201B Perform CPR Elective

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Disclaimer

The elective units available may vary between locations, delivery modes and intakes.

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