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

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
Kingaroy, 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
...more online

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.

For more information about the costs associated with undertaking an apprenticeship or traineeship, please give us a call.

...more online

Outcome
UEE3211 Certificate III in Instrumentation and Control

Job prospects
- Technicians And Trades Workers

ARE YOU READY TO TAKE THE NEXT STEP ON YOUR PATH TO GREAT?
Enrol today to secure your spot in this course.

HOW TO ENROL

Recognition of prior learning
Fast-track to a formal qualification by earning credit for the things you already know. Getting recognition for the skills you’ve gained from the workplace and/or previous learning means less study time for you and getting qualified a whole lot sooner.

Accurate as at 9 April 2018. For the latest information see:
tafesouthwest.edu.au/course/14918

RTO 0275
CRICOS 03020E
Install instrumentation and control cabling and tubing

Participate in instrumentation and control work and competency development activities

Set up and adjust PID control loops

Verify compliance and functionality of instrumentation and control installations

Setup and configure Human-Machine Interface (HMI) and industrial networks

Disconnect/reconnect control devices connected to low voltage installation wiring

Apply environmentally and sustainable procedures in the energy sector

Develop, enter and verify discrete control programs for programmable controllers

Solve problems in temperature measurement components and systems

Solve problems in flow measurement components and systems

Fix and secure electrotechnology equipment

Solve problems in d.c. circuits

Fabricate, assemble and dismantle utilities industry components

Apply Occupational Health and Safety regulations, codes and practices in the workplace

Use drawings, diagrams, schedules, standards, codes and specifications

Solve problems in multiple path extra low voltage (ELV) a.c. circuits

Solve problems in density/level measurement components and systems

Solve problems in pressure measurement components and systems

Use instrumentation drawings, specification, standards and equipment manuals

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

Use computer applications relevant to a workplace

Set up gas analysis measuring and control instruments

Trouble shoot process control systems

Set up water analysis measuring and control instruments

Set up scientific analysis measuring and control instruments

Provide cardiopulmonary resuscitation