Hello there, our dream is to help you make great happen.

Expand your knowledge and your career opportunities!

Are you an Electrician looking to increase your chances of getting into the mining industry or process automation? This might just be the course for you. Our industry experienced and passionate teachers will show you how to select; install; commission; fault find and maintain electrical and instrumentation equipment in buildings and premises, instrumentation systems and core instrumentation equipment for process and control.

**Course delivery options**

**Key dates**

For key start dates for each location visit the online brochure for this course (under the course details tab).

[tafesouthwest.edu.au/course/14797](tafesouthwest.edu.au/course/14797)

**Entry requirements**

While there are no formal entry requirements in the training package for this qualification, [more online](tafesouthwest.edu.au/course/14797).

**Resources required**

- steel-capped boots
- cotton drill long pants and shirt
- safety glasses
- personal stationery

[more online](tafesouthwest.edu.au/course/14797)

**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](tafesouthwest.edu.au/course/14797)

**Course Details**

**Outcome**

UEE40411 Certificate IV in Electrical - Instrumentation

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Accurate as at 15 June 2017. For the latest information see: [tafesouthwest.edu.au/course/14797](tafesouthwest.edu.au/course/14797)

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RTO 0275
CRICOS 03020E
Units

The successful achievement of this qualification requires you to complete 27 core units, and a combination of elective competency standard units to achieve a total weighting of 120 points.

- **UEENEEG109A** Develop and connect electrical control circuits  
  Core
- **UEENEEI101A** Use instrumentation drawings, specification, standards and equipment manuals  
  Core
- **UEENEEG108A** Trouble-shoot and repair faults in low voltage electrical apparatus and circuits  
  Core
- **UEENEEG107A** Select wiring systems and cables for low voltage general electrical installations  
  Core
- **UEENEEG105A** Verify compliance and functionality of low voltage general electrical installations  
  Core
- **UEENEEG106A** Terminate cables, cords and accessories for low voltage circuits  
  Core
- **UEENEEI102A** Solve problems in pressure measurement components and systems  
  Core
- **UEENEEI103A** Solve problems in density/level measurement components and systems  
  Core
- **UEENEEK145A** Implement and monitor energy sector environmental and sustainable policies and procedures  
  Core
- **UEENEEI105A** Solve problems in temperature measurement components and systems  
  Core
- **UEENEEI104A** Solve problems in flow measurement components and systems  
  Core
- **UEENEG104A** Install appliances, switchgear and associated accessories for low voltage electrical installations  
  Core
- **UEENEEG103A** Install low voltage wiring and accessories  
  Core
- **UEENEEE107A** Use drawings, diagrams, schedules, standards, codes and specifications  
  Core
- **UEENEEE117A** Implement and monitor energy sector OHS policies and procedures  
  Core
- **UEENEEE105A** Fix and secure electrotechnology equipment  
  Core
- **UEENEEE104A** Solve problems in d.c. circuits  
  Core
- **UEENEEE101A** Apply Occupational Health and Safety regulations, codes and practices in the workplace  
  Core
- **UEENEEE102A** Fabricate, assemble and dismantle utilities industry components  
  Core
- **UEENEEE124A** Compile and produce an energy sector detailed report  
  Core
- **UEENEEE137A** Document and apply measures to control OHS risks associated with electrotechnology work  
  Core
- **UEENEG101A** Solve problems in electromagnetic devices and related circuits  
  Core
- **UEENEG102A** Solve problems in low voltage a.c. circuits  
  Core
- **UEENEG063A** Arrange circuits, control and protection for general electrical installations  
  Core
- **UEENEG033A** Solve problems in single and three phase low voltage electrical apparatus and circuits  
  Core
- **UEENEG006A** Solve problems in single and three phase low voltage machines  
  Core
- **UEENEE038B** Participate in development and follow a personal competency development plan  
  Core
- **UEENEEI152A** Develop, enter and verify programs in Supervisory Control and Data Acquisition systems  
  Elective
- **UEENEE151A** Develop, enter and verify word and analogue control programs for programmable logic controllers.  
  Elective

Disclaimer

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

HOW TO ENROL

Enrol now

You're ready if you have:

- checked your meet the entry requirements (under the course details tab)
- checked your important dates (under the course details tab)
- checked your course costs and know which payment option is right for you (under the costs tab)
- checked your rights and responsibilities as a student, as detailed in the student handbook and refund policy
- Created your Unique Student Identifier and can provide this code to Customer Service TAFE Queensland

All done? Then head to the link below to complete your enrolment:  

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.

More info:  

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[tafesouthwest.edu.au/course/14797](tafesouthwest.edu.au/course/14797)