



**HVTC**

skills change lives

**REACH YOUR POTENTIAL**

**NATIONALLY RECOGNISED QUALIFICATIONS**

## UEE30811 Certificate III Electrotechnology Electrician

Hunter-V-Tec is a Registered Training Organisation (RTO) providing a range of apprenticeship courses as well as specialised training programs. Hunter-V-Tec is a division of HVTC.

Employers may wish to take advantage of our block release or day release program. These programs allow you to send the apprentice either one week each month or one day a week and they return to the workplace for the remainder of their time.

HVTC is highly experienced in customising training delivery and assessments to meet the specific needs of clients. Our staff are experienced in face-to-face, and one-on-one delivery.

Our staff have worked in the industry and use adult learning principles when developing and conducting training and assessments. Experiential learning, where participants can draw upon their own experience and knowledge ensures learning is relevant and purposeful.

HVTC's purpose built Skills Centre provides modern state-of-the-art learning environments, including simulated training facilities rich with practical examples and scenarios customised to the needs of course participants. In order to maximise learning for all participants, we ensure the sessions are interactive, dynamic, encourage participation and cater for all learning styles and levels of ability.

### WHY CHOOSE HUNTER-V-TEC?

- Over 35 years' experience in apprentice training.
- Customised training options to suit your business needs.
- Highly experienced and qualified staff who will assist your employees to gain the necessary hands-on skills and qualifications.
- State-of-the-art training facilities and strong links with industry ensure the skills your employees learn are relevant, timely and meet your business needs.
- Safe and supportive simulated work training environment focused on safe work practices.

### STRUCTURE:

- Block release: 1 week each month.
- Day release: 1 day per week.

### POTENTIAL CAREER OUTCOMES INCLUDE:

- Electrical mechanic
- General electrician
- Electrical tradesperson
- Licensed electrician

### REQUIREMENTS:

No formal prerequisites required, however, to assist in being successful you need to:

- Be a practical person who enjoys working with their hands and tools.
- Have the ability to read and understand technical drawings.
- Be able to work with others in a manufacturing, engineering or related environment.
- Have a 'can-do' attitude and approach.
- Take pride in your work.
- Have literacy and numeracy skills to at least Year 10 levels.
- Bring a laptop, iPad or notebook as all training resources are provided electronically allowing students to undertake study and revision at a time convenient to them.

As an apprentice, this training is subsidised by Smart and Skilled under Training Services NSW. Additional fees apply to the purchase of textbooks and standards.

### LOCATION:

HVTC Skills Centre  
30 Spitfire Place, Rutherford, NSW 2320

# COURSE OUTLINES

STAGE ONE	
UEENEEE101A	Apply Work Health and Safety regulations, codes and practices in the workplace
UEENEEK142A	Apply environmental and sustainable procedures in the energy sector
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components
UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications
UEENEEE105A	Fix and secure electrotechnology equipment
UEENEEE104A	Solve problems in DC circuits
UEENEEG101A	Solve problems in electromagnetic devices and related circuits
UEENEEG106A	Terminate cables, cords and accessories for low voltage circuits
STAGE TWO	
UEENEEG102A	Solve problems in low voltage AC circuits
UEENEEG006A	Solve problems in single and three phase low voltage machines
UEENEEG063A	Arrange circuits, control and protection for general electrical installations
UEENEEG033A	Solve problems in single and three phase low voltage electrical apparatus and circuits
UEENEEG107A	Select wiring systems and cables for low voltage general electrical installations
UEENEEE137A	Document and apply measures to control WHS risks associated with electrotechnology work
STAGE THREE	
UEENEEG108A	Trouble-shoot and repair faults in low voltage electrical apparatus and circuits
UEENECC002B	Source and purchase material/parts for installation or service jobs
UEENECC020B	Participate in electrical work and competency development activities
UEENEEG109A	Develop and connect electrical control circuits
UEENEEG103A	Install low voltage wiring and accessories
UEENEEG104A	Install appliances, switchgear and associated accessories for low voltage electrical installations
UEENEEG105A	Verify compliance and functionality of low voltage general electrical installations
UEENECC001B	Maintain documentation
UEENEEG120A	Select and arrange equipment for special LV electrical installations
UEENEEA113A	Mount and wire control panel equipment

Electricians select, install, set up, test, fault find, repair and maintain electrical systems and equipment in buildings and premises, and may work in a specialised area of the electrical industry.

Due to the nature of the work function, to enter into this program participants must have literacy and numeracy skills at least to Year 10 level.

## PRACTICAL EXPERIENCE:

Competency in the UEE30811 Electrotechnology training package requires completion of theory, practical and observation components.

## SPECIALISED PROGRAMS AND WORKCOVER COURSES:

Hunter-V-Tec offers accredited and non accredited training in addition to the User Choice Program which can include:

### Licence to operate a forklift truck TLILIC2001A

This course is conducted over three days and covers all of the required theory knowledge and practical skills required to obtain a forklift licence. Each point will be carefully explained and demonstrated by one of our accredited trainers. Students will, under supervision, be able to gain the driving skills and confidence required during their forklift assessment. All students 18 years or over will be assessed on the final day by a WorkCover accredited assessor.

### Licence to operate a boom-type elevating work platform (boom length 11 metres or more) TLILIC2005A

This course is conducted over three days. The aim of this accredited course is to allow participants to develop the skills to operate an EWP in a competent, safe and efficient manner. The training and assessing is conducted in accordance with current Australian standards. All students 18 years or over will be assessed on the final day by a WorkCover accredited assessor.

### Work safely in the construction industry (White Card) CPCCOHS1001A

This training aims to provide participants with a basic knowledge of WHS legislative requirements, principles of risk management and the prevention of injury and illness in the construction industry.

### Specialised Welding

Stick, Mig and Tig designed to your company requirements.

## ASSOCIATED PROGRAMS:

In conjunction with practical experience, and WorkCover courses, Hunter-V-Tec can also offer the Better Living Program to all apprentices.

### The Better Living Program

In-depth and informative program, which provides an insight into the life skills necessary for apprentices to gain fulfilling working lives.

Presenters from their respective companies may include:

- Road Safety
- Health and Nutrition
- Financial Planning and Banking
- Superannuation
- Drug and Alcohol
- Lifestyle
- Emergency Services
- Work Health and Safety

## ON SUCCESSFUL COMPLETION OF THE COURSE:

You will be issued with a nationally recognised certificate for UEE30811 Certificate III in Electrotechnology Electrician.

## LICENCING:

Licensing requirement applies in some industries. On successful completion of a training contract, the apprentice or trainee should apply for any licence that is required to work in the industry.

## CERTIFICATION:

When the term of the training contract has been completed, the apprentice or trainee is eligible to receive one or more of the following certificates issued by Training Services NSW:

### Certificate of Proficiency

This certificate is awarded to apprentices and trainees who successfully complete the term of their training contract and have been awarded the appropriate qualification by an RTO.

## Craft Certificate

This certificate is awarded to apprentices who complete the term of their training contract but not their formal training through a Registered Training Organisation. It can be upgraded to a Certificate of Proficiency on request to Training Services NSW when the appropriate qualification has been awarded by the RTO.

For further information about licencing in the construction, automotive and electrical industries, visit the NSW Fair Trading website.

## HOW DO WE DECIDE IF THEY ARE SUCCESSFUL?

Assessment means collecting evidence about skills and knowledge, comparing it to the relevant national training package standards and workplace requirements. We use industry standard principles of assessment (fair, flexible, valid, reliable) and the rules of evidence (validity, sufficiency, authenticity and currency).

**To receive up-to-date information about our courses visit us online.**

**Reach your potential**

**HVTC for highest ranking apprenticeship completion rates**

Australian  
Qualifications  
Framework

  
NATIONALLY RECOGNISED  
TRAINING

RTO NO: 90179

 **HVTC** skills change lives

**Book your course today**  
**1800 247 864**  
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