

# Certificate III in Electrotechnology Electrician

COURSE CODE	UEE30811
LOCATIONS	Warrnambool
STUDY MODE	Full-time, Apprenticeship
Length	Four years
Commencement	Start any time
Timetable	Eight one-week blocks a year for three years. Two week-long blocks in the fourth year. Plus workplace training.

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## Course Overview

*This section gives you an introduction to what you will be learning in this course, plus course outcomes, career opportunities, and student support.*

### Study from home during COVID-19 restrictions

Whilst we pride ourselves on our hands-on training, we have had to adjust most of our courses for study from home and remote learning during the COVID-19 restrictions. This means courses will be delivered using a range of methods including online learning, virtual classrooms, workbooks and direct contact with your teacher.

Given the government restrictions that are now in place to reduce the spread of coronavirus in Australia, we expect this new model of study will continue until the government makes changes to these restrictions.

## Introduction

This electrical course is designed for [Electrical Apprentices to achieve their qualifications](#) and obtain their electrician's licence.

The Certificate III in Electrotechnology Electrician provides competencies to select, install, set up, test, fault find, repair and maintain electrical systems and equipment in building and premises

## What will I Learn?

Units include the following areas of study. Electrical Principles D.C, Electrical Principles A.C, Magnetism, Transformers D.C. Machines, A.C. Machines, Wiring Practices & Workshop, Operation of Electrical Apparatus, Circuit Protection, Cable Selection (Current Capacity & Voltage Drop) Switchboard Design, Installation Testing and Verification. ACMA(Telecommunications) Open Registration training is also included in this course.

## Course Outcomes and Career Opportunities

Upon successful completion of the course and the External Regulatory Exams, students are eligible to apply for their Nationally Recognised, Unrestricted Electrical License, [enabling them to work as Electricians](#) in a wide range of industries.

## Course in Transition

Industry is constantly having input into training packages to ensure course content is relevant and industry specific. Where this occurs, the course code, title, units and content may change in the future and you may be enrolled into the new qualification. If relevant, further information

will be provided on our website, upon enrolment and/or during the course of your training.

## Course Requirements

*This section gives you an overview of entry requirements, course units and electives, skills recognition, and assessment criteria.*

### Entrance requirements & pre-requisites

There are no set prerequisites for this course. However, it is recommended that you have a successful minimum of year 10 level of education and satisfactory numeracy and literacy skills to undertake this course. You may apply if you have satisfactorily completed [electrical pre-apprenticeship](#).

Applicants must be employed as an electrical apprentice to enrol in this course.

### Apprenticeship/Traineeship Entry Requirements

You need to be employed in this field before commencing this course. If you are currently **not** employed in this field please contact the Skills and Jobs centre for further advice on 1300 648 911.

### Course requirements

To be eligible for this qualification you must successfully complete 23 units, including 20 core units and three elective units. This will be delivered in the classroom with practical activities and online components.

### Units offered

#### Core Units

Unit Code	Unit Name	Unit Hours	Unit Consumables
UEENEEC020B	Participate in electrical work and competency development activities	20	\$0.00
UEENEEE101A	Apply Occupational Health And Safety Regulations, Codes And Practices In The Workplace	20	\$0.00
UEENEEE102A	Fabricate, Assemble And Dismantle Utilities Industry Components	40	\$80.00
UEENEEE104A	Solve Problems In D.C. Circuits	80	\$0.00
UEENEEE105A	Fix And Secure Electrotechnology Equipment	20	\$0.00
UEENEEE107A	Use Drawings, Diagrams, Schedules, Standards, Codes And Specifications	40	\$0.00
UEENEEE137A	Document And Apply Measures To Control OHS Risks Associated With Electrotechnology Work	20	\$0.00
UEENEEG006A	Solve Problems In Single And Three Phase Low Voltage Machines	80	\$0.00
	Solve Problems In Single And Three Phase Low Voltage Electrical Apparatus And		

UEENEEG033A	Circuits	60	\$0.00
UEENEEG063A	Arrange Circuits, Control And Protection For General Electrical Installations	40	\$0.00
UEENEEG101A	Solve Problems In Electromagnetic Devices And Related Circuits	60	\$0.00
UEENEEG102A	Solve Problems In Low Voltage A.C. Circuits	80	\$0.00
UEENEEG103A	Install Low Voltage Wiring And Accessories	20	\$0.00
UEENEEG104A	Install Appliances, Switchgear And Associated Accessories For Low Voltage Electrical Installations	20	\$0.00
UEENEEG105A	Verify Compliance And Functionality Of Low Voltage General Electrical Installations	60	\$417.00
UEENEEG106A	Terminate Cables, Cords And Accessories For Low Voltage Circuits	40	\$28.00
UEENEEG107A	Select Wiring Systems And Cables For Low Voltage General Electrical Installations	80	\$0.00
UEENEEG108A	Trouble-shoot And Repair Faults In Low Voltage Electrical Apparatus And Circuits	80	\$417.00
UEENEEG109A	Develop And Connect Electrical Control Circuits	80	\$0.00
UEENEEK142A	Apply Environmentally And Sustainable Procedures In The Energy Sector	20	\$0.00

### Elective Units

Unit Code	Unit Name	Unit Hours	Unit Consumables
CPCCOHS1001A	Work Safely In The Construction Industry	6	\$70.00
HLTAID001	Provide cardiopulmonary resuscitation	4	\$15.00
UEENEEA110A	Assemble, mount and connect control gear and switchgear	120	\$0.00
UEENEEA112A	Fabricate and assemble bus bars	60	\$0.00
UEENEEF102A	Install And Maintain Cabling For Multiple Access To Telecommunication Services	120	\$0.00
UEENEEG111A	Carry out basic repairs to electrical components and equipment	40	\$0.00
UEENEEG129A	Overhaul and repair major switchgear and controlgear	60	\$0.00
UEENEEG164A	Repair and maintain mechanical components of electrical machines	60	\$0.00

## Assessment

This course involves accredited units. You will be required to complete assessment tasks to demonstrate your underpinning knowledge, skills and attributes to meet the course outcomes. A combination of written, oral and practical assessment strategies will be used in either a classroom, online or workplace environment.

Where units require demonstration of skills in a workplace environment, you will have the opportunity to do this either in your own workplace (where appropriate), through a practical placement, or by using one of the Institute's simulated workshops/classrooms. Detailed information about the types, conduct and dates of assessments will be provided in advance. You will also be provided with information about the opportunity for reassessment and appeal.

## After applying

Once you have applied for your chosen course, you will receive a thank you email from South West TAFE with a few steps to help process your enrolment.

### Complete a Pre-Training Review

You will receive an email to complete a Pre-Training Review online evaluation. This evaluation helps us tailor your training to suit your needs.

### Create or provide a Unique Student Identifier (USI)

A USI is a nationally recognised reference number that provides an online record of your training qualifications gained in Australia.

[Create your USI](#)

Already have a USI but can't remember it? [Find your USI](#)

### Skills recognition

If you have experience or prior qualifications, you may be eligible to apply for [recognition of prior learning](#) and gain credits. You will be asked to provide any relevant Statement of Attainment to support identified credits.

## Fees

*This section gives you an overview of course fees, subsidies, and how they can be paid.*

## Course Fees

Here's an outline of fees and costs associated with your course.

**Your fees each year can be made up of 3 different elements.** Everyone has different circumstances that can affect what you pay and how much you pay. :

1. Tuition fees - charged as an hourly rate that varies from course to course. A large portion of the tuition is subsidised by the Victorian Government for eligible students.
2. Resource and/or materials costs - covers the cost of materials and other incidentals. This fee will vary according to the course being undertaken.
3. Booklist items - such as textbooks, equipment and stationery recommended for your course

## Tuition fees

**There are 4 different rates of tuition fees.** Only one will apply to you (depending on your eligibility and circumstances).

1. Government Subsidised Fee - you could be eligible for a government-subsidised rate under the Skills First funding depending on your age, educational history, and citizenship or residency status. If you are eligible, the government will contribute to the cost of your training.  
[Find out more about subsidised training](#)
2. Government Subsidised Concession Fee - If you are eligible for a Skills First government-subsidised place and hold a current healthcare or pension card, that you can provide at enrolment, you may be eligible for the concession rate. Note, the concession rate is not applicable to Diploma level courses.  
[Find out more about concession rates](#)
3. Free TAFE - Students who are eligible for Victorian government-subsidised training will not pay course tuition fees for the duration of their enrolment in this course, however, there may be some consumable/material fees for the course (find out more below). Any resource or material costs, or booklist items for this course are listed in the table below.  
[Find out more about Free TAFE](#)
4. Full fee - If you are not eligible for a Skills First government-subsidised place, exemption, concession or are enrolling in a course that isn't government-subsidised, you may be required to pay the full fee rate.

### FIND OUT MORE ABOUT FEES AND ELIGIBILITY

The fees listed below are indicative only. The student tuition fees as published are subject to change given individual circumstances at enrolment. Funding made available to eligible individuals by State and Commonwealth Governments. If funding is utilised, this may affect future opportunities

to access additional funding in the future.

Course fees by student type	Indicative Course Fee
Government subsidised rate (if eligible)	\$4,295.00
Concession rate	\$860.00
Full fee rate (if not eligible for govt subsidy)	\$15,175.00

  

Additional course fees	Indicative Course Fee
Course consumable/materials (approximate)	\$1,625.00

## Resource and/or materials costs

Some courses require specific resources or materials necessary for your study eg: tools of the trade, excursions, etc. Final costs will be determined upon enrolment.

## Booklist

Your course may require you to purchase additional materials or books (eg uniform, stationery, textbooks). Some of these items are optional and some are mandatory, however, you are able to choose where to purchase these items from (including second hand).

You can download the booklist for this course here: <https://www.swtafe.edu.au/media/2602/uee30811-certificate-iii-in-electrotechnology-electrician.pdf>

## How do I pay my fees?

Once we have processed your enrolment form, you will receive an email with your invoice.

You have [three options when organising your payment](#):

1. [Upfront payment](#) - can be made over the phone with EFTPOS
2. [Payment plan](#) - can be directly debited from your bank account, debited from your Centrelink payments or via a [VET Student Loan](#) (for diploma or advanced diploma courses only)
3. [Paid by employer, school or job network agency](#) - if your fees are being paid by your employer, school or job network agency, you will need to complete an Authority to Invoice form.

Payments will need to be arranged within five(5) business days of receiving the email containing your invoice.

We also offer a range of [scholarships](#) each year which you may be eligible to apply for to assist with course fees.

## Next Steps

*Ready to take the next step? Here you can [make an enquiry](#), [attend an information session](#) or [begin the application process](#).*

## How to apply for an apprenticeship or traineeship

There are five simple steps to apply for an apprenticeship or traineeship with us.

1. **Find a job** - find a job as an apprentice or trainee through an Apprenticeship Centre or Group Training Company.

2. **Register** - register with an Australian Apprenticeship Support Network (AASN) and nominate SWTAFE as your training provider (your employer will usually do this for you).
3. **Complete a pre-training review** - SWTAFE staff will contact you to organise your Pre-Training Review once your AASN contract registration is complete.
4. **Enrol** - complete the enrolment form provided to you and provide your identification.
5. **Sign** - once you've completed your enrolment form and verified your identification you will receive your student declaration form to review and sign. You can sign this digitally via your smartphone, computer or tablet.

If need any assistance with applying, [contact our Customer Service team](#) on 1300 648 911 or [visit your nearest campus](#).

## Careers and Course Advice

Not sure which course is right for you? South West TAFE will help you find your way.

Our Careers Coaches at the [Skills and Jobs Centre](#) is here to support you. Whether you're exploring career options, transitioning from school to the workforce or looking to study after school we're here to help you.

## Student Support

As a SWTAFE student, you can access a variety of support services that will enhance your study experience and help you complete your studies successfully. For more information about any of these services, [visit our student page](#).