Certificate III in Electrotechnology Electrician

COURSE CODE: UEE30811
LOCATIONS: Warrnambool
STUDY MODE: Full-time, Apprenticeship
Length: 4 years
Commencement: Apply any time
Timetable: 8, 1-week blocks per year, Plus workplace training

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.

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 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 Pre-Apprenticeship Electrical.

Applicants must be signed into a contract of employment as an Electrical Apprentices with an employer 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 22 units, including 20 core units and two elective units. This will be delivered in the classroom with practical activities and online components.

Units offered

Core Units

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Unit Name</th>
<th>Unit Hours</th>
<th>Unit Consumables</th>
</tr>
</thead>
<tbody>
<tr>
<td>UEENEEC020B</td>
<td>Participate in electrical work and competency development activities</td>
<td>20</td>
<td>$0.00</td>
</tr>
<tr>
<td>UEENEEE101A</td>
<td>Apply Occupational Health And Safety Regulations, Codes And Practices In The Workplace</td>
<td>20</td>
<td>$2.00</td>
</tr>
<tr>
<td>UEENEEE102A</td>
<td>Fabricate, Assemble And Dismantle Utilities Industry Components</td>
<td>40</td>
<td>$83.00</td>
</tr>
<tr>
<td>UEENEEE104A</td>
<td>Solve Problems In D.C. Circuits</td>
<td>80</td>
<td>$8.00</td>
</tr>
<tr>
<td>UEENEEE105A</td>
<td>Fix And Secure Electrotechnology Equipment</td>
<td>20</td>
<td>$3.00</td>
</tr>
<tr>
<td>UEENEEE107A</td>
<td>Use Drawings, Diagrams, Schedules, Standards, Codes And Specifications</td>
<td>40</td>
<td>$4.00</td>
</tr>
<tr>
<td>UEENEEE137A</td>
<td>Document And Apply Measures To Control OHS Risks Associated With Electrotechnology Work</td>
<td>20</td>
<td>$3.00</td>
</tr>
<tr>
<td>UEENEEG006A</td>
<td>Solve Problems In Single And Three Phase Low Voltage Machines</td>
<td>80</td>
<td>$6.00</td>
</tr>
<tr>
<td>UEENEEG033A</td>
<td>Solve Problems In Single And Three Phase Low Voltage Electrical Apparatus And Circuits</td>
<td>60</td>
<td>$7.00</td>
</tr>
<tr>
<td>UEENEEG063A</td>
<td>Arrange Circuits, Control And Protection For General Electrical Installations</td>
<td>40</td>
<td>$7.00</td>
</tr>
<tr>
<td>UEENEEG101A</td>
<td>Solve Problems In Electromagnetic Devices And Related Circuits</td>
<td>60</td>
<td>$6.00</td>
</tr>
<tr>
<td>UEENEEG102A</td>
<td>Solve Problems In Low Voltage A.C. Circuits</td>
<td>80</td>
<td>$7.00</td>
</tr>
<tr>
<td>UEENEEG103A</td>
<td>Install Low Voltage Wiring And Accessories</td>
<td>20</td>
<td>$3.00</td>
</tr>
<tr>
<td>UEENEEG104A</td>
<td>Install Appliances, Switchgear And Associated Accessories For Low Voltage Electrical Installations</td>
<td>20</td>
<td>$3.00</td>
</tr>
<tr>
<td>UEENEEG105A</td>
<td>Verify Compliance And Functionality Of Low Voltage General Electrical Installations</td>
<td>60</td>
<td>$4.00</td>
</tr>
<tr>
<td>UEENEEG106A</td>
<td>Terminate Cables, Cords And Accessories For Low Voltage Circuits</td>
<td>40</td>
<td>$32.00</td>
</tr>
</tbody>
</table>
Pre-training review

The pre-training review assists SWTAFE staff to determine whether this course is the most suitable for you at this time, and also identify any support needs you may require once you commence your studies. It takes about an hour to complete. Once you apply for your chosen course a link to the pre-training review will be emailed to you.

Skills Recognition

Your current skills, knowledge and experience can contribute to help you get a qualification. Learn more about skills recognition and how it may benefit you [here](#).

Unique Student Identifier

If you are studying nationally recognised training in Australia, you are required to have a Unique Student Identifier (USI). Your USI links to an online account that contains your training records and results for training completed from 1 January 2015 onwards. One of the main benefits of the USI is the ability to provide you with easy access to your training records and results throughout your life and this will assist you when applying for a job or enrolling in further study. You are required to have a USI at the time of enrolment – especially if you want to use VET Student Loans to defer your fees. To apply online or get more information go to [www.usi.gov.au](http://www.usi.gov.au).

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.

Fees

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

Your course may require you to purchase additional materials or books. You can choose where to purchase these items from. You can download the booklist for this course here: https://swtafe.edu.au/media/1826/uee30811-cert-iii-electro.pdf

Course Fees

Everyone has different circumstances that can affect what you pay and how much you pay. Your fees each year are made up of 2 different elements:

- Tuition fee
- Consumables/material fee

There are 3 different rates of Tuition fees. Only one will apply to you depending on your eligibility and circumstances. The 3 categories include:

- Government subsidised
- Government subsidised (concession)
- Full fee

The fees listed below are indicative only and may be subject to change without notice and given individual circumstances. Your actual fees will be calculated based on your individual circumstances at the time of 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.

<table>
<thead>
<tr>
<th>Student type</th>
<th>Indicative Course Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government subsidised rate (if eligible)</td>
<td>$3,820.00</td>
</tr>
<tr>
<td>Concession rate</td>
<td>$765.00</td>
</tr>
<tr>
<td>Full fee rate (if not eligible for govt subsidy)</td>
<td>$13,475.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fee type</th>
<th>Indicative Course Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Consumable/Materials Fee</td>
<td>$580.00</td>
</tr>
</tbody>
</table>

Maximum Consumables/Materials Fees

Maximum Consumables/Materials Fees are made up of course consumables, core unit consumables and the maximum elective units you will pay. Final costs will be determined at enrolment.

Which fee applies to me?

Skills First Exemptions
Government eligibility exemptions for TAFE via Skills First funding gives you greater access to study with TAFE at an affordable price.

The good news is, that there are now a reduced number of criteria for you to meet in order to be eligible for a Government subsidy. If you don’t meet those criteria you will be a full fee paying student.

Government Subsidised Fee
You meet all Skills First eligibility criteria but DO NOT hold a current healthcare or pension card, OR you are eligible for a Skills First exemption.

Concession Fee
You meet all eligibility criteria AND hold a current healthcare or pension card, that you can provide at enrolment. It’s important to note that the concession rate is only applicable for Certificate I to Certificate IV courses and students who have declared their ATSI origin.

Full fee
Full fees only apply to the few students who do not meet the Skills First eligibility criteria, do not qualify for an exemption or are enrolling in course that is not government subsidised.

Check your fees eligibility here.

How do I pay my fees?

Unless an alternative fee payment method is approved, your course fees are required to be paid upfront and in full at the time of enrolment. If your personal circumstances mean that payment in full is not possible, then you may be able to pay your fees by

- Payment Plan
- Centre Pay
- VET Student Loan (Diploma & Advanced Diploma only)

SWTAFE offers a range of scholarships each year which you may be eligible to apply for to assist with enrolment fees.

Next Steps

Ready to take the next step? Here you can make an enquiry, attend an information session or begin the application process.

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.

Careers and Course Advice

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

Our Pathfinders 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. Call, email or drop in.

Call 5564 8515 or email skillsandjobscentre@swtafe.edu.au

Apply Now

Apply now for a place in our next course intake. Places for courses are limited, so it’s best to get in soon so you don’t miss out. You’ll need to complete an application form which you can do online here or by speaking with our Customer Service team. We invite you to come and see us at one of our campuses in Warrnambool, Colac, Portland or Hamilton and a team member will ensure you are taken care of.

If you have any questions regarding the application process please chat to our Customer Service team on 1300 648 911.