

## Shared Learning

## Electro Technology Pathways

# Certificate II in Electronics

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**Training School:** Golden Grove High School – Trade Training Centre

**Website:** www.goldengrovehs.sa.edu.au

### Course Description

Students will complete competencies and skills related to the electro technology industry. The skills are relevant to a range of areas under the umbrella of electro technology including air conditioning, electrical, refrigeration, data communications, security systems, electronics and engineering, computer systems, instrumentation, and plumbing.

### Benefits for students

- Increase student's awareness of employment opportunities
- Develop work ready skills including undertaking white card, work placement and OHSW
- Develop skills that could lead to apprenticeships or employment
- Provide skills that are applicable for university pathways

### Pre-Course Experiences/Pre-requisites

No pre-requisites to study this qualification, however, suitable for students:

- In year 11 and 12
- Interest in pursuing career pathway in the Electro Technology Industry

### Structured Work Placement

Students must undertake 2 (80hrs or the equivalent) weeks of Structured Workplace Learning. Please note you may be required to undertake this during school holidays.

### Course Code: UEE21911 – RTO: PEER VEET

UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace.
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components
UEENEEE104A	Solve problems in dc circuits
UEENEEE137A	Document and apply measures to control OHS risks associated with electro technology work.
UEENEEH102A	Repair basic electronic apparatus faults by replacement of components
UEENEEK142K	Apply environmentally and sustainable energy procedures in the energy sector
UEENEEE038B	Participate in development and follow a personal competency development plan
UEENEEC001B	Maintain Documentation
UEENEEA101A	Assemble electronic components
UEENEEA102A	Select electronic components for assembly
UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications
UEENEEED101A	Use computer applications relevant to a workplace
UEENEEE130A	Provide solutions & report on routine Electrotechnology problems (Maths)

### Special Requirements

#### Dress Code/Extra Clothing Required/Equipment:

Students:

- Will be provided with a high-vis shirt
- Must wear closed in shoes.
- May be required to wear steel capped boots on work experience.
- Required to bring with them a scientific calculator, small pocket sized hard cover notebook, an exercise book A4 and a folder to keep their work in every day.

### Career Pathways

- Apprenticeships in- Refrigeration Mechanical, Electrical, Plumbing, Electronics, Security, Telecoms
- Direct Employment
- TAFE Diplomas
- University Degrees
- Defence Industries

**Commencement Date:** Term 1 – Week 2

**Length of Course:** Full Year

*Please note there may be TWO possible day workshops held during the July and /or October schools holidays to assist students to complete units.*

**Day:** Tuesday

**Time:** 8:00am to 4:00pm

**Class Size:** Min: 10 to Max: 18

**SACE Credits:** Stage 2 – 50

**Cost (Per student):** \$200