

**Your pathway.  
Your career.  
Your choice.**

**Electrotechnology**



Government of South Australia  
Department for Education

[studentpathways.sa.edu.au](http://studentpathways.sa.edu.au)

**Student  
Pathways**



Government  
of South Australia  
Department for Education

# Electrotechnology

Year 10

Year 11

Year 12

Study VET while you complete SACE

## Traineeship / Apprenticeship (Contract of Training):

- UEE20120 Certificate II in Split Air Conditioning and Heat Pump Systems
- UEE20720 Certificate II in Data and Voice Communications
- UEE21920 Certificate II in Electronics
- UEE30220 Certificate III in Computer Systems Equipment
- UEE30620 Certificate III in Electrical Machine Repair
- UEE30820 Certificate III in Electrotechnology Electrician
- UEE30920 Certificate III in Electronics and Communications
- UEE31220 Certificate III in Instrumentation and Control
- UEE32120 Certificate III in Appliance Service
- UEE32220 Certificate III in Air conditioning and Refrigeration

OR

## Qualifications for Institutional Delivery (off-the-job):

- UEE22020 Certificate II in Electrotechnology (Career Start) (for preparation for Certificate III level)

### Skills Clusters:

- Advanced Electrotechnology (Refrigeration and Air Conditioning)
- Advanced Electrotechnology (Electrician)

+

### PLUS

#### Industry specific requirements, including:

- CPCWHS1001 Prepare to Work Safely in the Construction Industry
- Driver's Licence

+

### PLUS

#### Customised SACE subjects

- Pastoral care – mentoring and monitoring



Work in  
your career.

### Use your VET qualification to work as:

- Trades Assistant (Data and Voice Communications)
- Trades Assistant (Electronics)
- Data and Voice Communications Servicing Tradesperson
- Electrician
- Instrumentation and Control Tradesperson
- Appliance Servicing
- Air-conditioning and Refrigeration Tradesperson

Further  
your career  
with VET.

### Study:

- UEE40620 Certificate IV in Electrotechnology – Systems Electrician
- UEE40920 Certificate IV in Industrial Electronics and Control
- UEE42120 Certificate IV in Electrotechnology – Electrical Contracting
- UEE42920 Certificate IV in Refrigeration and Air Conditioning Systems
- UEE42220 Certificate IV in Instrumentation and Control
- UEE42622 Certificate IV in Hazardous Areas – Electrical
- UEE40420 Certificate IV in Electrical – Instrumentation
- UEE43020 Certificate IV in Electrical Equipment and Systems

### To work as:

- Electrician (Special Class)
- Industrial Electronics Electrician
- Renewable Energy Electrician
- Electrical Contractor
- Refrigeration and Air Conditioning Mechanic
- Instrumentation and Control Technician
- Hazardous Area Electrician
- Advanced Tradesperson (Electrical Instrumentation)
- Electrical Engineering Technician

Further your  
careers with  
university.

### Study at university to work in:

- Electricity generation and distribution
- Production line processing
- Mining and other industrial and commercial industries
- Electrical Engineer

### What do I need to study?

- Bachelor of Engineering (Electrical and Electronic)