



EDWARD JOHN  
**EYRE**  
HIGH SCHOOL

# UEE22011: CERTIFICATE II IN ELECTROTECHNOLOGY (CAREER START)

**tafeSA**



Government of  
South Australia

RTO Code: 41026  
CRICOS Code: 00092B  
HEP Code: PRV14002

*VET offerings and costs at EJEHS are subject to State Government policy and delivery organisation changes*



## **SUBJECT DESCRIPTOR**

This course opens the door to careers in the high-tech Electrotechnology Industry, which is essential for today's energy dependent lifestyle.

The growing industry requires qualified tradespersons in the areas of domestic and commercial electrical installations; electrical power generation and distribution; telecommunications and security systems; air-conditioning and refrigeration; instrumentation and process control; renewable and sustainable energy and electric vehicles and rail transport.

You will learn the fundamental electrical knowledge and skills to be work ready. It also provides a pathway for those who are wanting to gain an apprenticeship as an Electrician. If an apprenticeship is obtained many of the units are transferable to Certificate III in Electrotechnology.

**INTAKE** Semester 1

**ANTICIPATED DURATION** 12 months

**DELIVERY MODE** Week blocks TAFE SA Whyalla

## **ENTRY REQUIREMENTS**

Grade point average of C grade or above at host school

Current CV and interview

## **PROGRAM EXPECTATIONS**

80% or above actual attendance

Adherence to student code of conduct

Grade point average of C grade or above at host school

## **SACE/ATAR ATTAINMENT**

30 Credits at SACE Stage 1

20 Credits at SACE Stage 2

This course cannot be used to gain an ATAR

## **INDICATIVE COSTING**

EJEHS Hi-Vis Uniform \$45.90 (pre-payment is required).

Students will need to source their own long pants, safety boots, safety glasses, safety gloves and earplugs.

TAFE SA TGSS funded.

## **ASSESSMENT TYPE**

Competency-based assessment is applied to a range of assessment tasks according to the units being assessed. There are both theoretical and practical tasks.

## **CURRICULUM CONSIDERATIONS**

Students selecting this course are required to meet the following criteria;

- Undertake the EJEHS VET application and selection process.
- Prepared to complete a minimum of 70 hours work placement through the duration of the course.
- Participate in approximately 9 weeks of training in 12 months.

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NATIONAL CODE	UNIT NAME	NOMINAL HOURS
<b>Core Units</b>		
UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace	20
UEENEEE104A	Solve problems in d.c circuits	80
UEENEEE141A	Use of routine equipment/plant/technologies in an energy sector environment	60
UEENEEE148A	Carry out routine work activities in an energy sector environment	40
UEENEEE179A	Identify and select components, accessories and materials for energy sector work activities	20
UEENEK142A	Apply environmental and sustainable procedures in the energy sector	20
<b>Elective Units</b>		
CPCCOHS1001A	Work safely in construction industry	6
UEENEEE105A	Fix and secure electrotechnology equipment	20
UEENEPO24A	Attach cords and plugs to electrical equipment for connection to a single phase 230 volt supply	20
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components	40
UEENEEE130A	Provide solutions and report on routine Electrotechnology problems	60
HLTAID001	Perform CPR	3
<b>Total hours</b>		<b>389</b>