



STPATRICK'S
Technical College

ELECTRO- TECHNOLOGY

Certificate II in Electrotechnology (Career Start)
UEE22020

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UNIQUE** | Discover why
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YEAR 10-12
EDUCATION,
TRAINING &
APPRENTICESHIP
PATHWAYS

 **PEER**

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YEAR 10 TO 12 EDUCATION, TRAINING & APPRENTICESHIP PATHWAYS

VOCATIONAL EDUCATION & TRAINING COURSES

Year 11 and 12 students participate in a range of trade preparation VET courses which are offered as an integral part of the curriculum and contribute towards the achievement of the SACE. Trade preparation VET courses provide pathways into apprenticeships and traineeships through which students gain tertiary qualifications.

The trade training students experience can act as a bridge between school and entry into further tertiary qualifications. Certificate II and III qualifications are achieved by satisfactory completion of the required number of competencies in nationally accredited courses. Each competency has an allocated number of nominal hours required to successfully achieve the competency. These hours are transferred into credits for achieving the SACE.

Students undertaking VET courses:

- gain practical and employability skills that employers recognise;
- gain credit transfer and/or advanced standing into other training courses;
- make valuable contacts with employers;
- prepare themselves for the world of work;
- can gain a nationally recognised vocational qualification in addition to their SACE.

PEER (RTO Code 45744) is responsible for the quality of accredited training and assessment provided and for the issuing of all qualifications and statements of attainment.

The growing Electrotechnology 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 knowledge and skills to be work ready.

POSSIBLE CAREER PATHWAYS

This course is regarded by industry as an essential pre-apprentice course for those seeking a career within the Electrical industry. Students gain skills suited to careers across a wide range of sectors within the Electrotechnology industry. Possible career pathways include:

- Electrician
- Refrigeration & Air-conditioning Mechanic
- Data Technician

UNIT CODE	UNIT TITLE	HOURS
CPCWHS1001	Prepare to work safely in the construction industry	10
UEECD0007	Apply work health and safety regulations, codes and practices in the workplace	20
UEECD0009	Carry out routine work activities in an energy sector environment	40
UEECD0021	Identify and select components, accessories and materials for energy sector work activities	20
UEECD0038	Provide solutions and report on routine electrotechnology problems	60
UEECD0046	Solve problems in single path circuits	40
UEECD0052	Use routine equipment/plant/technologies in an energy sector environment	40
UEERE0021	Provide basic sustainable energy solutions for energy reduction in residential premises	40
ELECTIVES (subject to change)		
UEECD0019	Fabricate, assemble and dismantle utilities industry components	40
UEECD0020	Fix and secure electrotechnology equipment	20
UEECD0027	Participate in development and follow a personal competency development plan	20
UEEE0060	Repair basic electronic apparatus faults by replacement of components	40
UEERE0001	Apply environmentally and sustainable procedures in the energy sector	20

ST PATRICK'S TECHNICAL COLLEGE

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