

Electrotechnology – Stage 6

UEE22020 Certificate II in Electrotechnology (Career Start)

This qualification covers competencies for work entry programs providing grounding in safety and basic skills and knowledge for work in any electrotechnology discipline.

This course is competency based and the student's performance is assessed against prescribed industry standards.

Unit Value	2 unit Preliminary 2 unit HSC	240 hrs	Work Placement	Mandatory 70 hours
Specialisation	Not on offer		SBAT	Opportunity to complete a School Based Apprenticeship or Traineeship and gain credit towards the HSC
HSC Exam	Yes	ATAR	Yes	Recognition National AQF and HSC Qualification

Example of Competencies.

Unit Code	Unit Title	Unit Code	Unit Title
CPCWHS1001	Prepare to work safely in the construction industry (R1)	UEECD0020	Fix and secure electrotechnology equipment
UEECD0007	Apply Work Health and Safety regulations, codes and practices in the workplace	UEERE0001	Apply environmentally and sustainable procedures in the energy sector
UEECD0009	Carry out routine work activities in an energy sector environment	UEERE0021 UEERE0087	Provide basic sustainable energy solutions for energy reduction in residential premises
UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications	UEECD0020	Fix and secure electrotechnology equipment
UEECD0038	Provide Solutions and report on Routine Electrotechnology problems	UEECD0052	Use of routine equipment/plant/technologies in an energy sector environment
UEECD0019	Fabricate, assemble and dismantle utilities industry components	UEECD0021	Identify and select components, accessories and materials for energy sector work activities
UEECD0046	Solve problems in Single path circuits	UEECO0002	Maintain Documentation

PERSONAL ATTRIBUTES

- Enjoy mathematical and technical activities
- Good hand-eye coordination
- Good eyesight (may be corrected) and normal colour vision
- Logical thinking and diagnostic ability
- Aptitude for mechanics and electronics
- Able to do precise and detailed work
- Able to work independently or as part of a team
- Able to cope with the physical demands of the job
- Good communication skills

STUDY PATHWAYS

- Electrician
- Electrical Fitting
- Air Conditioning and Refrigeration
- Electronics and Communication

LEARNING OUTCOMES

- Install wiring systems, accessories and appliances for low voltage general electrical installations
- Connect electrical circuits
- Solve issues with electrical equipment
- Use routine equipment/plant/technologies in an energy sector environment
- Implement safe work practices

CAREER PATHWAYS

Job roles and titles vary across different industry sectors. Possible job titles relevant to this qualification include:

- Independent electrician
- Maintenance electrician
- Mining electricians
- Construction electricians
- Linesmen

SKILLS FOR SUCCESS



SKILLS FOR LIFE