FLAGSTONE
State Community College

Qualification Code: UEE22011 Certificate II in Electro Technology (Career Start)
Units of competency

UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace
UEENEEE104A	Solve problems in d.c. circuits
UEENEEE141A	Use of routine equipment plant technologies in an energy sector environment
UEENEEE148A	Carry out routine work activities in an energy sector environment
UEENEEE179A	Identify and select components, accessories and materials for energy sector work activities
UEENEEK142A	Apply environmentally and sustainable procedures in the energy sector
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components
UEENEEP026A	Conduct in-service safety testing of electrical cord connected equipment and cord assemblies
UEENEED101A	Use computer applications relevant to the workplace
UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications
CPCCOHS1001A	Work safely in construction industry
UEENEEE105A	Fix and secure electrotechnology equipment
HLTAID001	Provide cardiopulmonary resuscitation

Course Requirements

Subject Levy - Course costs of $100 per year per course (includes $20 Administration fee as well as $10 to issue the Construction White Card.)

Other Requirements

Students will need to purchase safety boots ($50 from safety equipment suppliers), safety glasses. These safety items will also be needed for participation in industry work experience, future employment and vocational studies.
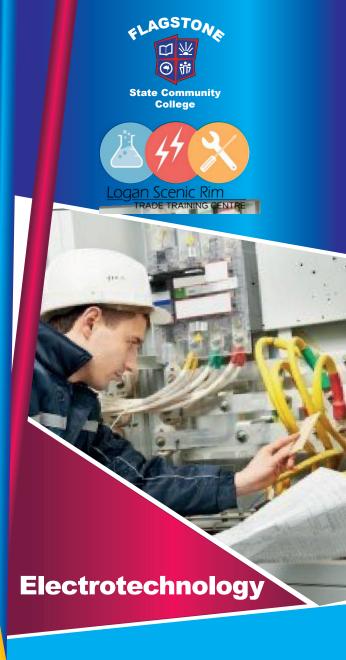
Students without safety equipment will be unable to undertake this area of study.

Future study options

- Certificate III (apprenticeship) in a specialist electrotechnology area of the student's choice
- Diploma or Advanced Diploma in Electrotechnology

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FLAGSTONE
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Logan Scenic Rim
TRADE TRAINING CENTRE

Electrotechnology

FLAGSTONE Campus
Poinciana Drive Flagstone
Phone: 5547 9333

Certificate II Electrotechnology (Career Start) is offered as a full day programme at Flagstone State Community College. This Certificate II course is delivered on behalf of Electrogroup Training who is the RTO for the course and issues the award on completion of the required competencies.

Students will be able to complete the full Certificate II Electrotechnology over 2 years. Electrotechnology Certificates offer pathways to careers in skill shortage areas.

Career pathways:
Certificate II Electrotechnology (Career Start)
- Electrical lines worker
- Electrical Instrument Trades
- Electrician
- National Broadband lines worker
- Installation worker
- Cabling worker
- Network Access worker
- Communications Officer

QCE points = 4

The Electrotechnology industry is a quickly growing industry with great opportunities. These qualifications cover competences for work entry program providing grounding in safety and basic skills and knowledge for work in any electro technology discipline. While the primary focus is on providing skills and knowledge, enabling a student to find work as a skilled worker or apprentice in the Electrotechnology area, some skills learnt will also play a valuable role in life.

Pre-requisites:
- Students require a **minimum** of a Sound Achievement in Year 10 Maths and English and preferably a High Achievement in Maths at Year 10.
- Continued enrolment in Maths A through Years 11 and 12 is a **minimum requirement**.

Due to the nature of this industry, safety is a major consideration, so demonstrating safe work habits is a mandatory requirement in every class.

Due to cumulative training requirements students are not normally allowed entry into this course after the end of Term one. Specific entry level training is completed by this time and cannot be repeated within the course.

Course Outline
Units of competency are selected from the Certificate II in Electro Technology (Career Start) UEE22011. Students do the basic or base level course to gain skills and knowledge for the electro technology discipline.
These include technicians specialising in:
- Computer systems
- Data communications
- Electrical or Electronics
- Electrical systems,
- Electro technology assembly and service
- Entertainment and Instrumentation

The course uses an integrated approach and covers skills like:
- Knowledge of and solving basic problems with electronic and digital equipment
- Solving problems including in single and multiple-path circuits
- Selecting and using appropriate equipment and materials

Student exercises will take the form of simple electrical tasks, either as a bench exercise, an individual task or a group project. Wiring projects will also require students to work on real life projects.

Students will also need to be prepared to take part in online theory and exams from Electrogroup Training. Students will learn underpinning knowledge within the Trade Training Centre and via work experience with employers.

To achieve this qualification, students must achieve competence in all units of competency. This includes all core units of competency and elective units of competency selected from the list of elective units.