

22682VIC

Certificate II in Electrotechnology Pre-vocational

About the Course

This pre-vocational course is designed for students wishing to prepare for a traineeship, apprenticeship or other employment in the electrotechnology industry. It provides an overview of the industry, employment opportunities and available training pathways.

The course includes training in the fundamentals of electrical, telecommunication, refrigeration and air conditioning systems, as well as workshop experience in fabrication and assembly techniques, wiring, cabling, basic installation skills and the use of test equipment. Workplace safety and first aid training are also included.

Course Entry Requirements

To apply for the course, students must meet the following selection criteria:

- Be enrolled in Years 10, 11 or 12 at secondary education, and
- Satisfactorily complete a language, literacy and numeracy test prior to entry

Duration and Schedule

Duration

St Joseph's College delivers the Certificate II in Electrotechnology (Pre-Vocational) over two years. On completion of their studies, students who meet all criteria will be eligible to receive the full qualification or a Statement of Attainment for units achieved.

Schedule and Location

Year 1: St Joseph's College, 5 Brenock Park Drive, Ferntree Gully

Wednesday 8:30 am – 12:30 pm

Wednesday 1:00 pm – 5:00 pm

Thursday 8:30 am – 12:30 pm

Thursday 1:30 pm – 5:00 pm

Year 2: St Joseph's College, 5 Brenock Park Drive, Ferntree Gully

Thursday 8:30 am – 12:30 pm

Thursday 1:30 pm – 5:00 pm

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Units of Competency

C = Core unit E = Elective unit

Unit Code	Unit of Competency Title	C / E
CPCWHS1001	Prepare to work safely in the construction industry	C
HLTAID011	Provide first aid	C
UEECD0007	Apply occupational health and safety regulations, codes and practices in the workplace	C
UEECD0019	Fabricate, assemble and dismantle utilities industry components	C
UEECD0042	Solve problems in ELV single path circuits	C
UEECD0020	Fix and secure electrotechnology equipment	C
VU23736	Prepare for work in the electrotechnology industry	C
VU23480	Perform intermediate engineering computations	C
VU23738	Plan and complete basic electrotechnology project	C
UEERA0035	Establish the basic operating conditions of air conditioning services	C
VU23739	Carry out basic network cabling for extra low voltage (ELV) equipment and devices	C
VU23735	Install a sustainable extra low voltage energy power system	C
VU23737	Use test instruments in the technology industry	C
UEERL0001	Attach cords and plugs to electrical equipment for connection to a single phase 230V supply	E
UEECD0052	Use of routine equipment/plant/technologies in an energy sector	E

Training and Assessment

Training is delivered through a combination of face-to-face classroom sessions, trainer-led presentations, practical demonstrations and project work. Students will have significant opportunities to develop hands-on practical skills with expert trainer coaching and supervision.

Assessment methods include workbook activities, knowledge questions, written assignments and practical skill demonstrations. Detailed assessment information will be provided at the commencement of each unit. Students are provided with opportunities for re-assessment if they do not demonstrate competency during an assessment task.

Course Requirements

At Orientation, students will be advised of any specialist clothing, footwear, equipment or materials required for the course. A Hi-Viz polo and jumper will be provided to Year 1 students at an additional cost of \$90.

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Credit Transfer and Recognition of Prior Learning

St Joseph's College recognises qualifications and Statements of Attainment issued by other Registered Training Organisations (RTOs). Students who have successfully completed whole units of competency with another RTO can apply for Credit Transfer.

Recognition of Prior Learning (RPL) recognises knowledge and skills gained through previous informal training and past work or life experience.

Both processes allow the candidate to reduce the time, study load and cost associated with achieving a qualification. Students may apply by submitting a CT/RPL application form along with supporting documentation to the Director of RTO. The application form is available on request.

Please note: RPL and CT applications can only be considered for whole units of competency. The Director of RTO at St Joseph's College, not your teacher/trainer, will assess all requests for RPL.

Further Study and Employment Outcomes

Further Study

On successful completion of 22682VIC, students may progress to a range of electrotechnology qualifications including:

- UEE30820 Certificate III in Electrotechnology Electrician
- Apprenticeship pathways in electrotechnology and related industries

Employment Outcomes

Electrician	Refrigeration Mechanic	Telecommunications Tech.
Air Conditioning Tech.	Data Cabling Installer	Electrical Contractor
Solar Installer	Instrumentation Tech.	Electrical Engineer

Fees and Charges

Course	Materials Fee	Tuition Fee	Total Fee	Notes
22682VIC Certificate II in Electrotechnology (Pre-Vocational) – Year 1	\$450.00	\$2,680.00	\$3,130.00	Hi-Viz polo and jumper provided at an additional cost of \$90 (Year 1 only).
22682VIC Certificate II in Electrotechnology (Pre-Vocational) – Year 2	\$450.00	\$2,680.00	\$3,130.00	

Fees apply to external students enrolling through the MVC or other school networks.

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Further Course Information

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