

Electrotechnology: Major Trade

Your trade career starts here!



ABOUT THIS COURSE

The Electrotechnology study program offers pathways to your career as an electrician or a specialist electrical trade. Your program contributes 6 units towards your HSC, and you may achieve the UEE22020 Certificate II in Electrotechnology (Career Start). The work placement component of your program includes 120 days experience with local employers, which the College organises for you.

Electrotechnology students also study the Industrial Technology– Electronics Technologies Preliminary Course as part of their Year 11 program.

ENTRY REQUIREMENTS

- You must be eligible to enter the Preliminary HSC course (Year 11).
- You will undertake short entry tests to determine suitability for course entry.



“
I'm **upskilling** before I even start working in industry. Work placement through HTC helped me to **find out what I liked.**
”

TRAINEESHIP PATHWAYS

Students who secure a school based traineeship study the UEE22020 Certificate II in Electrotechnology (Career Start) and undertake at least 120 days paid employment while at the College.

After the HSC and on completion UEE22020 students gaining an electrical apprenticeship continue as a full-time apprentice for up to four years and may complete their studies at TAFE or another registered training organisation.

Course Details	
Course Hours	240 hours and work placement
Duration	2 years
Type of Course	Face-to-face
Unit Value	2 units Preliminary, 2 units HSC
Delivery Location	Hunter Trade College Telarah
Work Placement	120 days over 2 years

WHY CHOOSE HUNTER TRADE COLLEGE?

At Hunter Trade College, you can:

- achieve your Higher School Certificate and kick start your trade career at the same time
- spend nearly one third of your College study days in work placement (2 days per week in Year 11, 3 days per week in Year 12)
- get diverse hands-on experience with several local work placement employers
- gain a white card (general construction induction card) and first aid certificate as part of your program
- learn in industry standard workshops with trade qualified and experienced teachers
- get customised help from our learning support and wellbeing teams
- gain employability skills to give you an edge over other job seekers



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UNITS OF STUDY FOR 2024/2025

HSC DELIVERY - Units include	
CPCCWHS1001	Prepare to work safely in the construction industry
HLTAID001	Provide cardiopulmonary resuscitation
UEECD0007	Apply work health and safety regulations, codes and practices in the workplace
UEECD0009	Carry out routine work activities in an energy sector environment
UEERE0001	Apply environmental and sustainable procedures in the energy sector
UEECD0019	Fabricate, assemble and dismantle utilities industry components
UEECD0046	Solve problems in single path circuits
UEECD0020	Fix and secure electrotechnology equipment
UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications
UEECD0038	Provide solutions and report on routine electrotechnology problems
UEECD0052	Use of routine equipment/plant/technologies in an energy sector environment
UEECD0021	Identify and select components, accessories and materials for energy sector work activities
UEEAS0004	Select electronic components for assembly
UEERE0021	Provide basic sustainable energy solutions for energy reduction in residential premises
UEERE0001	Apply environmentally and sustainable procedures in the energy sector

Students who successfully complete all 15 units may achieve :

- ◆ UEE22020 Certificate II in Electrotechnology (Career Start)

Correct at time of publication but subject to change

ASSESSMENT

Assessment may include students undertaking practical tasks, answering questions, participating in group and individual work and demonstrating knowledge and carrying out tasks in the workplace.

LOOKING FOR MORE INFORMATION?

Call us for individual advice, or visit our website

www.htc.nsw.edu.au

