

# Electrotechnology

## Industry Curriculum Framework

**THIS COURSE IS NOT OFFERED FOR DELIVERY BY A SCHOOL**

(Refer also to Introductory Notes: HSC VET Industry Curriculum Framework Courses)

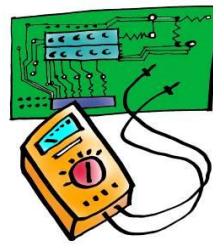
### Why study Electrotechnology?

**Electrotechnology aims to provide students with the opportunity to gain a range of skills suitable for employment in the electrotechnology industry and to provide pathways for further study.**

**This course is for people seeking entry level training in the electrotechnology industry. You will learn how to identify and use a range of components, accessories, materials, tools, equipment and technologies in the carrying out of work in the electrotechnology industry.**

Working in the electrotechnology industry involves the design, installation, servicing and repair and maintenance of electrical and electronic equipment, for industrial, commercial and domestic purposes, such as:

- light and power
- computer systems
- wireless technology
- network management
- solar energy equipment



It also includes:

- communication systems
- distribution and transmission of power
- electrical generations
- lift, refrigeration and air conditioning engineering



**Samples of occupations students can aim for in the electrotechnology industry:**

- ✓ electrician
- ✓ electrical engineer
- ✓ electrical distribution trade worker
- ✓ electrical engineer draftsperson/technician

### Course description

This course is based on units of competency, which have been developed by the utilities and electrotechnology industry to describe the competencies, skills and knowledge required by workers in the industry.

**School-based traineeships and apprenticeships are available in this industry area, for more information: <http://www.sbatinnsw.info/>**

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**Depending on competencies chosen, full or part qualifications from the Electrotechnology Training Package (UEE07) are available. Your teacher or VET Coordinator will advise the competencies and qualifications that may be available.**

The qualifications available through the Electrotechnology Curriculum Framework are:

- Certificate I in Electro Communications Skill UEE10107 \*
- Transcript of Academic Record in Certificate II in Computer Assembly and Repair UEE20507
- Certificate II in Technical Support UEE21707
- Certificate II in Electrotechnology (Career Start) UEE22007
- Certificate II in Sustainable Energy (Career Start) UEE22107
- Transcript of Academic Record in Certificate III in Electrotechnology Electrician UEE30807
- Transcript of Academic Record in Certificate III in Refrigeration and Air-Conditioning UEE31307

\* Statements of Attainment in partial completion of these Certificates may also be available.

For more information on possible outcomes please refer to the Electrotechnology Curriculum Framework syllabus that can be found by visiting the VET Curriculum Frameworks page of the Board of Studies NSW website: [http://www.boardofstudies.nsw.edu.au/voc\\_ed/industry-curriculum-frameworks.html](http://www.boardofstudies.nsw.edu.au/voc_ed/industry-curriculum-frameworks.html)

### Recognition of Prior Learning

If you have already completed all or part of a similar vocational course elsewhere, such as at TAFE, your previous studies and results will be recognised. You will not have to repeat that training and assessment. Additionally if through previous work or life experiences you have already developed high level skills in this course area, these may also be able to be recognised. Your teacher or VET Coordinator can provide more details of the recognition process.