Course Outline

The St Patrick’s Technical College Electrotechnology course provides the prerequisite skills in electronics to prepare students for a vocation as an electrician along with the broader electrotechnology and electronics trades and para-professional vocations.

Students study electronic components, electrical and electronics systems, logic and micro-controller programming. The course integrates the high degree of theory necessary to be successful in this field with practical skills development.

St Patrick’s Technical College is the curriculum focus school in the Advanced Technology Industry School Pathways Program. Students wishing to pursue a career in Advanced Manufacturing or Defence Materiel can combine this course with the College’s Applied Engineering program.

Course structure

Students study a unique SACE course, developed at St Patrick’s Technical College for the Electrotechnology industry, and undertake pre-vocational training for Certificate II in Electrotechnology (Careerstart) (UEE22011).

All theory subjects are tailored specifically for the course being undertaken while practical subjects are industry relevant and highly experiential.

- **Trade-based theory subjects**
  - Mathematics Pathways
  - English Pathways
  - Trade Science (Electrotechnology)

- **Practical subjects**
  - 3-D Printing
  - Systems & Control Products

- **Pre-vocational training**
  - Certificate II in Electrotechnology (Careerstart) (UEE22011)

A full list of the competencies delivered in this course is available from the College website.

All pre-vocational programs at St Patrick’s are delivered under an exclusive cooperative agreement with TAFE SA.

Due to the flexibility built into all our programs, St Patrick’s students can spend up to 40 weeks of their final school year full-time with an employer.

This time is paid and enables students to complete up to the first year of their apprenticeship at the same time as completing their SACE. Whilst in their SBA, the student is mentored by a member of the St Patrick’s team.

At graduation, the School-based Apprenticeship is automatically updated to a full-time position.

Career pathways

St Patrick’s Technical College is part of an extensive network of employers, industry associations, training providers and group training organisations. With families, we use this network to assist students in making the transition to work while they are still at school.

2014 Enrolment information

Enrolments are now open for 2014. Places for our most popular courses fill quickly, therefore your early enquiry is encouraged.

Call or visit us online to arrange for an enrolment package to be sent to you.