CERTIFICATE II in Electrotechnology (PreVocational)
Year 1 and 2
Course Outline

Year 1: Program Content
This is a practical program based on the application of electrical theory and principles. Students learn to dismantle, assemble & fabricate electrotechnology components and solve problems in multi path DC circuits and low voltage single path circuits. They use electrotechnology work activities to produce products.

Year 2: Program Content
In second year students are introduced to the variety of opportunities available in the electrotechnology industry, and taken through the entire process of applying for a job. They use the latest technology to test, identify, document and report equipment faults, and then arrange and repair them. They explore providing sustainable domestic energy options and undertake a work schedule selecting components, accessories or materials with minimal waste outcomes.

Possible future career opportunities
Electricians may be employed in the domestic, residential and heavy industrial sectors, providing electrical installation, repair maintenance, modification and testing of electrical/electronic systems. Career options include installation and service of lifts and escalators, mechanical services electrician working with fire alarms and security systems, and commissioning electricians working with air-conditioning and programmable logical controllers. This certificate also provides a pathway to a diploma or degree courses in electrical engineering.

Where this course is offered:
KIOSC Trade Training Centre – Swinburne University, Wantirna Campus
2014 Course Delivery times
Year 1: Wednesday 9.00am-3.00pm.
Year 2: Wednesday 9.00am-3.00pm.

Articulation and Pathways

This diagram shows an example of how you can progress through this industry.

Swinburne Guaranteed Entry Scheme

Students enrolled in a TAFE VET course through KIOSC will have access to Swinburne University’s Guaranteed Entry Scheme. A student completing a Certificate II in Electrotechnology (pre-vocational) as part of their VCE could enter an Advanced Diploma postsecondary school and on successful completion have guaranteed entry into a degree program at Swinburne University. Entry into a Bachelor Degree Engineering (Electrical and Electronic Engineering) will be conditional upon achieving the required performance in the Advanced Diploma Electrotechnology.