SUBJECT: INDUSTRIAL TECHNOLOGY

STATUS: **Authority Registered Subject** **CODE: IDT**

COST: **TBA**

COURSE OVERVIEW:

Industrial Technology is designed to provide young people with the opportunity to undertake a broad-based project centred course as an integral part of their senior course of study. The course provides opportunities to develop knowledge and skills for Industrial, Domestic and Recreational environments. Industrial Technology provides students with work, life and leisure skills that incorporate safe practices and technological processes through the production of practical outcomes using a wide range of materials.

The course does not assess or report on industry competency and will not have direct credit transfer to future industry training. Students may be eligible to claim recognition of prior learning (RPL) in some skill streams as a result of this course.

COURSE STRUCTURE

The course focuses on developing an understanding of safety and demonstration of safe workshop practices through the application of technological processes. The delivery of the course is project based with the projects providing a balance between aspects of the three units listed below:

- Industrial Fabrication, Machining, Production Processes
- Domestic Built Environment (indoor, outdoor), Furniture, Surface Finishing, Low Voltage Systems, Basic Mechanics, Portable Power Tools
- Recreational Model Making, Boat Building, Fishing Equipment, Skate Boarding, Jewellery, Art/Craft, Vehicle and Small Engine Maintenance.

ASSESSMENT TECHNIQUES:

Presentation of practical tasks, Theory tests, Practical tests, Workshop observations (eg safety), completion of workbooks and written tasks.

SPECIAL REQUIREMENTS:

Additional Resources: Students are required to supply their own safety glasses, ear muffs, apron, hair nets and stationery. A user pays fee will apply for consumable items.

Additional Information: Students will be using vertical panel, docking and portable circular saws in the preparation of materials and gas metal arc and oxygen/acetylene welding equipment in project work.

The risks associated with this equipment are very high therefore safe conduct within the Workshop environment is mandatory.