
SUBJECT: TECHNOLOGY & DESIGN

ACADEMY: **DESIGN & PRODUCTION**

STATUS: **ELECTIVE SUBJECT**

COURSE OVERVIEW: Technology and Design is an introduction to the Senior courses of Technical Studies and Graphics. Technology and Design provides students with opportunities to develop skills in manufacturing and construction. These are used in the skill stream fields of industrial design, built environment, engineering and manufacturing. To design products requires knowledge and understanding of the materials, construction techniques, finishing, machining and manufacturing processes that contribute to a given output. The student's studies in Technology and Design will translate into the application of practical outcomes.

COURSE STRUCTURE: Students will engage in the design and manufacture of products. For example:

- Working with different products
- Machining processes

Further students will be exposed to learning experiences linked to the Senior course of Graphics. These will be contextualised units, eg Production Graphics.

ASSESSMENT TECHNIQUES: Theory tests, project folios, assignment tasks.

POSSIBLE CAREER PATHWAYS/OPTIONS: **Further Study Opportunities**
TAFE

- Associate Diploma in Engineering/
- Architectural Construction
- Trades (Metal and Construction)
- Design Courses
- Cabinet Making
- Pattern Maker

Universities

Degrees:

- Architecture
- Engineering
- Teaching
- Built Environment
- Pre Vocational Courses

SPECIAL REQUIREMENTS: **SAFETY:** Because of workshop safety requirements, students **MUST** wear the following items: safety glasses, leather shoes, apron, cap or hair net and, when necessary, a dust mask and ear protection. Students **MUST** also make a commitment to safe working practices.