

**Course Title: TECHNOLOGY DESIGN (A/T)**

Students who study Technology Design will develop solutions to commercial needs that require the balancing of aesthetic and technical requirements (i.e. form and function).

A student studying the units listed below will become proficient in being part technician, part artist.

Technology Design (A/T) is recommended for students who have an interest in pursuing post Year 12 studies in design disciplines such as Industrial Design, Product Design, Automotive Design, Architecture, Interior Design, Interior Architecture, Landscape Design, Jewellery Design, Furniture Design and Design Management.

The course has been designed and implemented for students who have little or no experience of Design and Technology. After undertaking the introductory unit (Design Fundamentals) students are able to make informed decisions regarding the composition of a course and in what way it will contribute to their overall Year 12 package.

<b>Unit Title</b>	<b>Line</b>	<b>Unit Description</b>
<b>Design Fundamentals</b>	3	This introductory unit is mandatory for all students wishing to undertake further design studies. Students will learn the basics of problem solving via the Design Process, acquire skills in technical drawing, illustration, rendering and the communication of ideas considerate of the four types of thinking.
<b>Architecture and Environmental Design</b>	3	Students undertaking this unit must have completed and received satisfactory or better results in Design Fundamentals. Students will continue to problem solve via the Design Process, and apply their acquired understandings and skills to design for the built environment. This unit will cover architecture for exterior, interior and landscape environments with an emphasis on gaining an understanding of the natural environment and issues such as 'Green Design' and Sustainability.