Course: DESIGN AND TECHNOLOGY

2 Units for each of Preliminary and HSC Board Developed Course

Exclusions: Nil Course Description:

Design and Technology has a unique focus on creativity, innovation and the successful implementation of innovative ideas. Students will investigate the importance of evaluation, the role of computer-based technologies, management, communication and collaborative design, as well as exploring current and emerging technologies. Through the completion of quality design projects, students are provided with the opportunity to develop specific production and manufacturing skills that are transferable and which lead to lifelong learning.

The scope of the course is broad, and in order to supervise the students, a focus area will be selected based on the majority of students' interests.

Preliminary Course: Students learn about what makes a successful design by analysing successful and unsuccessful designers and develop a design process that takes into account all the factors that come into play to ensure design and production success. Students complete a designer case study and two projects that help prepare them for a major project in the HSC Course.

The HSC Course: **The HSC Course travels along similar lines to the preliminary course, with the difference being the focus on a single Major Project spanning the entire course. Al the course material is directly relevant to the Major Design the students chooses to undertake at the start of the course. The major project is designed to showcase the student's ability and, if completed well, may be of significant interest to prospective employers and scholarship committees.**

Preliminary Course:

Task number	Task 1	Task 2	Task 3	
Nature of task	Designer Case Study	Preliminary Project 1	Preliminary Project 2	
Outcomes assessed	P1.1, P2.1, P2.2, P6.1	P3.1, P4.1, P4.2, P4.3, P5.1, P5.2, P5.3, P6.2	P3.1, P4.1, P4.2, P4.3, P5.1, P5.2, P5.3, P6.2	
Components				Weighting %
Knowledge and understanding of course content	10	10	20	**40**
Knowledge and skills in designing, managing, producing and evaluating design projects	20	20	20	**60**
Total %	**30**	**30**	**40**	**100**

HSC Course:

	Task 1	Task 2	Task 3	Task 4	
Nature of tasks	Project Proposal Presentation	Innovation and Emerging Technology Case Study*	Trial HSC Examination	Project Presentation and Evaluation	
Outcomes assessed	H2.1, H4.1, H4.2	H2.2, H3.1, H3.2, H6.2	H4.3, H5.1, H5.2, H6.1	H4.3, H5.1, H5.2, H6.1	
Component					Weighting %
Knowledge and understanding of course content		20	20		**40**
Knowledge and skills in designing, managing, producing and evaluating a major design project	20		10	30	**60**
Total %	**20**	**20**	**30**	**30**	**100**