Design & Technology Outline: Year 12

Term	Week	Unit of Work	Key Concepts	Class Tasks and Homework	Assessments
4	1 - 11	HSC Folio Project proposal and project management	Students develop ideas and plans for the Major Design project (MDP) • identification and exploration of the need • areas of investigation • criteria to evaluate success • action, time and finance plans • Creativity Design Factors.	Major Project (Folio) Identification & exploration of the need Areas of Investigation Criteria to Evaluate Success Action/Time/Finance plans Evidence of Creativity Design Factors	Proposal Ideas and Existing solutions 20% Weighting
1	1 - 2	Innovation and Emerging Technologies	As part of this study, students will complete a case study of an innovation which includes reference to the above factors. Investigates the emergence & impact of new technologies	• designs and design practice • factors which may impact on successful innovation • entrepreneurial activity • the impact of emerging technologies • the impact on Australian society • historical and cultural influences • ethical and environmental issues • creativity.	Case Study Report: 20% Weighting
	3 - 10	HSC Project	Students conduct appropriate research & experimentation of materials, tools, techniques and testing of design solutions while developing the MDP	Major Project Project development & realisation	Half Yearly Exam 20% Weighting

2	1 - 9	Major Project Design Trends	• Influence of trends in society on design & production • Evaluates the impact of design & innovation on society & the environment • Considers technological activities undertaken in the MDP	Project development and realisation • design theory and practice • creativity • research • development and evaluation of ideas • study of practices in industrial and commercial settings • production techniques • communication • safe working practices selection and use of resources	Comparative Written Report 20%
3	1 - 11	Evaluation	Criteria for evaluation analysis of evaluation impact of the major design project on the individual, society and the environment. Major Project - Evaluation	Design Impact: Our Society & Environment • evaluating the impact of design and innovation on society and the environment • evaluating the processes undertaken and the impacts of the major design project • assessing the emergence and impact of new technologies, and the factors affecting their development	Trial Exam 20%