

Major Design Project Examination Criteria		draft 1 March 2000
Components		Weighting
Project Proposal and Project Management	Criteria Identification and exploration of the need	
	Areas of investigation	
	Criteria to evaluate success	
	Action, time and finance plans and their application	
	Selection and use of ideas and resources	
	15	
	Evidence of creativity - ideas generation, degree of difference and exploration of existing ideas	
	Consideration of design factors relevant to the major design project	
	Documentation of research, experimentation and testing of design ideas	
	materials	
tools		
techniques		
Application of conclusions		
Identification and justification of ideas and resources		
Evidence of the testing of design solutions and application of conclusions		
Use of communication and presentation techniques		
Evidence and application of practical skills to produce a quality project		
Consideration of the practices in industrial/commercial settings as they relate to the major design project		
35		
Record and application of evaluation procedures throughout the design project		
Analysis and evaluation of functional and aesthetic aspects of design		
Final evaluation with respect to the project proposal and the project's impact on society and the environment		
Relationship of the final product, system or environment to the project proposal		
10		
60		

comments

Has the student researched and explored the need or opportunity that the proposal will meet? Have they identified criteria that can be used to judge success?	
Did the student identify the possible and probable areas that will need investigating to successfully meet the need / opportunity?	
Has the evaluation criteria for the solution been clearly defined prior to the PSE's completion?	
Have they planned? Budgetted? Organised? And have they reviewed and evaluated this planning?	
Have they sought out a range of resources, and selected from this range? Have they generated a range of ideas, selected and used these ideas?	
Have they pushed the envelope? Created innovative and clever ways of solving problems? Or methodologies? With ideas, concepts, research, conclusions?	
What factors of design appropriate to the nature of the product have they considered? Colour, balance, harmony, mapping, honesty, ease of use...	
Is the research documented? Well? Is it relevant to the project?	
Are these documented by a variety of means?	
Has an appropriate range of materials been investigated, tested, experimented with?	
Has an appropriate range of tools been investigated, tested, experimented with?	
Has an appropriate range of techniques been investigated, tested, experimented with?	
Have the results of experimentation, testing and research been applied to the PSE? Is it clear and evident that the development process has informed the solution?	
Have resources been identified, and justified? Have existing and new ideas been identified and those used (selected) justified?	
Have solutions to problems, parts of the PSE, ideas and concepts been tested and the results of that testing been applied to the realisation of the PSE?	
Have a variety of appropriate and high quality communication techniques been used?	
Is the PSE of an HSC quality? Is its quality of an appropriate quality for a PSE of this nature?	
Has the student considered the industrial / commercial context in which such a PSE would be developed? Have they explored this in their work?	
Is ongoing evaluation evident? Does the development of the PSE show clear evidence of this evaluation?	
Has the student considered both the functional aspects of design in general, can they identify functional aspects and those of aesthetic character?	
Is there a clear final evaluation against the criteria cited above? Has the student considered and explained the impact of the realised PSE AND its development on society? Have they investigated and evaluated the whole projects environmental impact?	
Does the PSE reflect the proposal?	

Marks