

INDUSTRIAL TECHNOLOGY

Major Project Examination Criteria 2001 HSC

The major project consists of a product and a folio, which will be examined in conjunction with one another. The criteria for examining the major project are shown below:

20	Design and management	Description
	Statement of intent	Clear statement of the intent of the project What & Why?
	Research	A range of research approaches and / or media
	Development of ideas	Evaluation of design ideas / modifications of ideas
	Selection and justification of materials, components, processes and other resources	Reasons for the selection of materials, components and processes. Reasons for use of a particular design. I did Because..... My choice of is due to.....
	Timeline plan	Estimated / actual project timescale, projected order of production and estimate of time allocation
	Finance plan	Estimation of costings, establishment of project budget, projected cost of materials and services (if applicable)
	Use of appropriate industrial processes and equipment	Have industrial processes been utilised in the production of the project? Are they documented? Were they appropriate?
	Evidence of safe working practices and OH&S issues	Photographic record and or written evidence of safe working practices
	Workplace communication	
	Documentation of the major project from conception to completion	
	Ongoing evaluation	What evaluation has taken place during the process of making? Has this evaluation been utilised during planning and construction
	Appropriateness design and/or design modification	Is the design / modification suitable to materials components and processes.
	Evaluation of the major project and its relationship to the statement of intent	Final product – does it achieve the project goals? Appropriateness to intended function
	Communication techniques	Evidence of a range of communication techniques including drawing, sketching, computer applications.
Computer applications	Evidence of a range of computer applications, e.g. word processing, spreadsheets, CAD, multimedia	

40	Production	Description
	Quality of the product	Quality in all aspect of the project and its production
	Evidence of a range of skills	Level of mastery of skills, use of industrial processes, range of techniques, skills in overcoming problems.
	Degree of difficulty	Related to other technologies in terms of time, quality, tasks involved, tasks achieved and skill development
	Links between planning and production	Evidence in project of planning, management and design. How successful have these processes been.
	Evidence of industrial processes	Have industrial processes been utilised in the production of the project? Are they documented? Were they appropriate?
	Use of appropriate materials	Have suitable materials been utilised in the production of the project? Are they documented? Were they appropriate?
	Use of industrial technologies	Is the level of technology appropriate to the production of the project
	Evidence of solutions to problems in production	Evidence of problem solving, jig construction, design modifications during construction