

NUAA Course F010103: Aircraft Conceptual Design

Design Project Grading Criteria

Weighting

	Oral	Written	Total
Technical Content	30	50	80
Organization and Presentation	50	10	60
Originality	10	10	20
Practical Application and Feasibility	10	20	30
Totals	100	100	200

Guidelines

Technical content

This concerns the correctness of theory, validity of reasoning used, apparent understanding and grasp of the subject, etc. Are all major factors considered and a reasonably accurate evaluation of these factors presented?

Organization and Presentation

The description of the design as an instrument of communication is a strong factor on judging. Organization of written design, clarity, and inclusion of pertinent information are major factors.

Originality

If possible, the design proposal should avoid standard textbook information, and possibly should show the independence of thinking or a fresh approach to the project. Does the method and treatment of the problem show imagination?

Practical Application and Feasibility

The proposal should present conclusions or recommendations that are feasible and practical, and not merely lead the evaluators into further difficult or insolvable problems. Is the project realistic from a cost standpoint? Does the presentation include environmental impact studies (where applicable), and analysis of the function of the design in or for society?