

Design Document Grading Rubric

Key Component of Document / Criteria	Details	Unsatisfactory	Satisfactory	Excellent
Project and Report Requirements		7.5%	12.0%	15.0%
Format Issues	Includes title page, table of contents, list of figures and tables and references. Pages are numbered, figures and tables are introduced, headings are numbered, etc	2.5%	4.0%	5.0%
Project Statement	Introduces purpose of the project, what you are trying to do.	2.5%	4.0%	5.0%
Project Goals, Deliverables	Introduce your itemized goals and the required project deliverables.	2.5%	4.0%	5.0%
Specifications and Analysis		15.0%	22.5%	30.0%
Design Specifications	Inclusive of the functional and non-functional requirements. Further details need to be determined by team/advisor/client.	3.0%	4.5%	6.0%
Proposed Design/Method	Discuss what you have implemented	6.0%	9.0%	12.0%
Design Analysis	Highlight the strengths, weakness, and your observations made on the proposed solution.	6.0%	9.0%	12.0%
Testing and Implementation		15.0%	24.0%	30.0%
Hardware/Software	Hardware/tools or software used for trials. Explain utility. Further details decided by team/advisor/client.	2.5%	4.0%	5.0%
Interface Specifications	Any hardware/software interfacing. This is determined by team/advisor/client. Optional if this is not a part of your project work, but should be obvious that this is the case	2.5%	4.0%	5.0%
Functional Testing	Examples include unit, integration, system, acceptance testing	2.5%	4.0%	5.0%
Non-functional Testing	Example include testing for performance, security, usability, compatibility	2.5%	4.0%	5.0%
Modeling and Simulation	Extent to which this is possible varies by project	2.5%	4.0%	5.0%
Implementation Issues and Challenges	To be determined by the team and advisor/client	2.5%	4.0%	5.0%
Other Requirements		12.5%	19.0%	25.0%
Nature of Content	Document explains the design specifications well and is full of visuals	2.0%	3.0%	4.0%
Technical Approach	Ideas presented represent valid design specifications that the team is working on.	2.0%	3.0%	4.0%
Process Details	Specification distinguishes between design details for present project version and later stages of project	2.0%	3.0%	4.0%
Design Testing / Implementation	The document clearly describes the progress done by the team and the approach they are following	2.5%	4.0%	5.0%
Conclusions	Summarizes functionality	2.0%	3.0%	4.0%
References	Summarizes all sources cited	2.0%	3.0%	4.0%