

## ENGR 107 Final Project Report Rubric 08

Item/Value	10	7	3	0
Problem Definition	Thorough and detailed	Vague-some detail	Superficial-little detail	Anything less
Constraints	Thorough and detailed. Includes most possible areas of concern	Some detail. Missing thoroughness.	Superficial-little detail	Anything less
Brainstorming	List of ideas w/ sketches of top choices	List of idea	Superficial-little detail	Anything less
Justification	Thorough analysis of options for individual design component selections. Sketches as required to support	Incomplete analysis and/or component details. Justification not thoroughly supported	Superficial-little detail	Anything less
Final Design	Detailed description w/ sketch or CAD drawing	Vague description w/ vague sketch or drawing	Vague description w/o sketch or drawing	Anything less
Test Results	Thorough description of how the item was tested and results obtained. Data included	Thorough description of how the item was tested and results obtained. No data provided	Vague description of how the item was tested and results obtained	Anything less
Analysis of Results	Itemized and detailed description of what went wrong and why it went wrong. Sketches included to support <i>(Note-do not leave out items to reduce writing load in the next section. results will be noted)</i>	Itemized and detailed description of what went wrong and why it went wrong. No sketches included to support	Vague description of what went wrong and why it went wrong	Anything less

Redesign	Detailed description of what should be done to improve the results of the item. All points listed in <i>Analysis of Results</i> should be addressed	Description of what should be done to improve the results of the item Detailed but incomplete.	Vague description of what should be done to improve the results of the item	Anything less
Writing	Complete sentences, third person, active voice, support all facts, correct pronoun reference, no vague modifiers, correct grammar, spelling checked	More than one spelling error or more than 3 other errors	More than 5 errors of any kind	Looks like there is more red ink than black on the page
Teamwork Evaluation (Individual grade)	Thorough, per handout. Follows all directions. Supports statements with examples	Not thorough or Not follow directions or No support	Superficial effort	Anything less

R 08\_8/14