ENGR142 Grade Report: Project 1 Report

	Total Points Earn	119
Team Team 45	**Total Points Poss**	136
Grader 1: Peter Jones	**Percentage Earne**	87.5%
Grader 2: Zac Schleich		
Grading System Message(s)		

Executive Summary	Pass	Part	Fail
Has a clear and simple description of the problem being solved that would make sense to someone with no preliminary knowledge	3	1.5	0
Describes the unique aspects of their design that make it a good response to the design requirements	3	1.5	0
Gives a factual description of the performance of the project	3	1.5	0
Between one and one and a half pages	1	NA	0
Is written clearly and professionally	3	1.5	0
Subtotal	**13**	**of**	**13**

Design Considerations	Pass	Part.	Fail
Provides description of technical requirements and goals/targets	3	1.5	0
Clearly indicates measures of success including technical requirements and metrics	3	**1.5**	0
Describes assumptions made and explains why they were made and why they are valid or necessary	3	**1.5**	0
Has a detailed description of preliminary designs, including why they were considered and discarded	3	1.5	0
Shows evidence that quantitative test data was taken	3	1.5	0
Indicates how testing methods were developed, provides data from testing of preliminary and final designs, and how testing info was used for design	3	1.5	0
Has a detailed description of the final design, including both positive and negative attributes and why it was selected	3	**1.5**	0
Figures and tables used were relevant and explanatory, when present	3	1.5	0
Between three and four pages	1	NA	0
Is written professionally and clearly	3	1.5	0
Subtotal	**24**	**of**	**28**

Results and Discussion	Pass	Part	Fail
Has a detailed description of the project performance upon demonstration	3	1.5	0
Discusses whether the prototype performed as expected and offers thoughtful explanations for differences from preliminary testing	3	1.5	0
Between one and two pages	1	NA	**0**
Is written clearly and professionally	3	**1.5**	0
Subtotal	**7.5**	**of**	**10**

Conclusions and Recommendations	Pass	Part	Fail
Contains summary of the project and performance	3	1.5	0
Has thoughtful recommendations for improvement	3	1.5	0
One page or less	1	NA	0
Is written clearly and professionally	3	1.5	0
Subtotal	**10**	**of**	**10**

Format	Pass	Part.	Fail
Margins: 1.25" left/right, 1" top/bottom	1	NA	0
Line spacing: 1.5	1	NA	0
Font: Size 12 Times New Roman	1	NA	0
Cover sheet has report title, team number, and names	1	NA	0
All sections (eg Executive Summary, Design Considerations) have clear, distinctive	1	NA	0
File Name: Proj1_Report_TeamXX .pdf OR Proj1_Report_Team_XX .pdf	0	NA	-3
All figures have numbers, captions, and are mentioned in the body of the report	2	NA	0
References (if any – none is OK unless they use materials that obviously should be cited) use professional formatting	0	NA	-2
Subtotal	**7**	**of**	**7**

Grader 1 Total	**61 of 68**

Executive Summary	Pass	Part	Fail
Has a clear and simple description of the problem being solved that would make sense to someone with no preliminary knowledge	3	1.5	0
Describes the unique aspects of their design that make it a good response to the design requirements	3	1.5	0
Gives a factual description of the performance of the project	3	1.5	0
Between one and one and a half pages	1	NA	0
Is written clearly and professionally	3	1.5	0
Subtotal	**13**	**of**	**13**

Design Considerations	Pass	Part.	Fail
Provides description of technical requirements and goals/targets	3	1.5	0
Clearly indicates measures of success including technical requirements and metrics	3	**1.5**	0
Describes assumptions made and explains why they were made and why they are valid or necessary	3	1.5	0
Has a detailed description of preliminary designs, including why they were considered and discarded	3	1.5	0
Shows evidence that quantitative test data was taken	3	**1.5**	0
Indicates how testing methods were developed, provides data from testing of preliminary and final designs, and how testing info was used for design	3	**1.5**	0
Has a detailed description of the final design, including both positive and negative attributes and why it was selected	3	1.5	0
Figures and tables used were relevant and explanatory, when present	3	1.5	0
Between three and four pages	1	NA	**0**
Is written professionally and clearly	3	1.5	0
Subtotal	**23**	**of**	**28**

Results and Discussion	Pass	Part	Fail
Has a detailed description of the project performance upon demonstration	3	1.5	0
Discusses whether the prototype performed as expected and offers thoughtful explanations for differences from preliminary testing	3	**1.5**	0
Between one and two pages	1	NA	0
Is written clearly and professionally	3	1.5	0
Subtotal	**8.5**	**of**	**10**

Conclusions and Recommendations	Pass	Part.	Fail
Contains summary of the project and performance	3	**1.5**	0
Has thoughtful recommendations for improvement	3	**1.5**	0
One page or less	1	NA	0
Is written clearly and professionally	3	1.5	0
Subtotal	**7**	**of**	**10**

Format	Pass	Part.	Fail
Margins: 1.25" left/right, 1" top/bottom	1	NA	0
Line spacing: 1.5	1	NA	0
Font: Size 12 Times New Roman	1	NA	0
Cover sheet has report title, team number, and names	1	NA	0
All sections (eg Executive Summary, Design Considerations) have clear, distinctive	1	NA	0
File Name: Proj1_Report_TeamXX .pdf OR Proj1_Report_Team_XX .pdf	0	NA	-3
All figures have numbers, captions, and are mentioned in the body of the report	2	NA	0
References (if any – none is OK unless they use materials that obviously should be cited) use professional formatting	0	NA	-2
Subtotal	**7**	**of**	**7**

Grader 2 Total	**58 of 68**

Total:	**119 of 136**

Grader Comments

Some discussion of how the target values influenced testing would be good. In these kinds of things, simplifying assumptions are important to list. When the design considerations are finished, a final overview of the design is nice. In the Results and Discussion portion, when it says one to two pages, it means more than one and less than two, this was almost one. Some word choice wasnt clear such as 'massive' instead of heavy (massive - size, heavy - weight). But that wasnt a major issue, a more important thing was some of the

Grader Comments

Make sure to mention the requirements and metrics for success outside of when they are first introduced, such as when evaluating prototypes. Include data from demonstration, as well as details about testing methods. Conclusions should summarize design more, as well as provide more thoughtful recommendations for improvement.