

MENG411- REPORT WRITING FORMAT AND EVALUATION

Project title:

STUDENT OUTCOMES	REPORT SECTIONS	Available and Excellent (5 points)	Available and Good (4 points)	Available and Sufficient (3 points)	Available and Poor (2 points)	Partly Available (1 points)	Not Available (0 points)	TOTAL EVALUATED BY SUPERVISOR	TOTAL EVALUATED BY JURY MEMEBERS		TOTAL EVALUATED BY THE COORDINATOR	AVERAGE OF GRADES
									Jury 1	Jury 2		
ABET Criteria	CHAPTER 1-INTRODUCTION											
e) an ability to identify, formulate, and solve engineering problems	Summary of the problem,											
	Brief background account of the problem, Significance of the work and application											
	Objective of the project											
	Report Organization through writing what are the sections included into the report											
								Summation of averages / 5 =				
h) the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context i) a recognition of the need for, and an ability to engage in life-long learning j) a knowledge of contemporary issues	CHAPTER 2-LITERATURE REVIEW/ BACKGROUND INFORMATION											
	What has been published or done on a chosen topic is written											
	Different models were found, findings were evaluated.											
	Discussion about advantages and disadvantages of the related previous works											
								Summation of averages / 5 =				
a) an ability to apply knowledge of mathematics, science, and engineering c) an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability e) an ability to identify, formulate, and solve engineering problems	CHAPTER 3- DESIGN and ANALYSIS											
	Applied knowledge of mathematics for design calculations.											
	Solutions of related equations											
	Selection of manufacturing method and materials											
	Presentation of detailed final cost analysis of project as a table											
								Summation of averages / 5 =				

		Supervisor	Jury1	Jury2	Coordinator	Average
b)An ability to design and conduct experiments, analyze and interpret data k) an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice	CHAPTER 4- MANUFACTURING, ASSEMBLY and TESTING					
	Presentation of manufacturing details					
	Explanation of assembly process					
	Testing of final product and reporting					
	Summation of averages / 5 =					
h) the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context	CHAPTER 5- RESULTS AND DISCUSSION					
	Presentation and Discussion about the results and technical difficulties or innovation of final product					
	Averages *3 / 5 =					
h) the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context i) a recognition of the need for, and an ability to engage in life-long learning	CHAPTER 6- CONCLUSIONS AND FUTURE WORK					
	Conclusions and Future work					
		Averages *3 / 5 =				
REFERENCES						
	References written in the reference list and cited in the main text					
		/1	/1	/1	/1	
d) an ability to function on multidisciplinary teams f) an understanding of professional and ethical responsibility g) an ability to communicate effectively	APPENDICES					
	APPENDIX-A					
	Log Book, Schedule and Contribution of each Student, The degree to which the student pursues goals with commitment	/2	NA	NA	NA	
	APPENDIX-B					
	Gantt Chart-1, Shared work	/1	NA	NA	NA	
	APPENDIX-C					
	Drawings (with respect the technical drawing standards)	/2	/2	/2	/2	
	APPENDIX-D					
	Engineering Standards properly used and cited	/1	/1	/1	/1	
	APPENDIX-E					
	Poster, website of project and final CD	NA	NA	NA	/1	
	FIGURES					
	Figures have been properly captioned according to the chapter, Figures have been quoted in the text	/1	/1	/1	/1	
	TABLES					
	Tables have been properly captioned according to the chapters ,Tables have been quoted in the text	/1	/1	/1	/1	
Overall Report Format						
The report is complete describing all the stages of the project. The text is free of spelling and grammatical error	NA	/1	/1	/1		

Total grade of report (out of 30 points)* =

* Summation of averaged grades for each chapter and appendixes