15EC496L MAJOR PROJECT (2020-21) | PROJECT REPORT ASSESSMENT RUBRICS

Title of the Project: _____

Presenter(s) Name: _____

(Write Reg. No. and Name for each student member)

Supervisor(s) Name & Designation: _____ **Date:** _____

Particulars	Unacceptable (1)	Marginal (2-3)	Acceptable (4)	Exceptional (5)	Score or N/A
Objective	Very little objective provided or information is incorrect	Some objective, but still missing some major points	Objective is nearly complete, missing some minor points	Objective complete and well-written; provides all necessary background principles for the experiment	
Content	• Errors in technical content in many places • Contain little of the project details • An engineer would not be able to recreate the project based on the report.	• For the most part, technically correct • Contain a fair amount of technical details but incomplete • An engineer would have difficult time recreating the project based on the report.	• Technically correct • Contain most of the project details • An engineer might be able to recreate the project based on the report.	• Technically correct • Contain in-depth and complete details of the project. • An engineer can recreate the project based on the report.	
Language (Word Choice, Grammar)	• Errors in sentence structure and grammar frequently distract the reader and interfere with meaning. • Unnecessary repetition of the same words and phrases. • Overuse of jargon and technical terms without definition. • Many misspelled words.	• In a few places, errors in sentence structure and grammar distract the reader and interfere with meaning. • Word choice could be improved. • Occasionally, technical jargon is used without definition. • A few misspelled words.	• For the most part, sentences are complete and grammatical, and flow together. Any errors are minor and do not distract the reader. • Repetition of words and phrases is mostly avoided. • For the most part, terms and jargon are used correctly with some attempt to define them. • One or two misspelled words.	• Sentences are complete and grammatical. They flow together easily • Words are chosen for their precise meaning. • Engineering terms and jargon are used correctly. • No misspelled words.	
Experimental procedure	Missing several important experimental details or not written in paragraph format	Written in paragraph format, still missing some important experimental details	Written in paragraph format, important experimental details are covered, some minor details missing	Well-written in paragraph format, all experimental details are covered	
Numerical Usage and Illustrations	• Figures, graphs, charts, and drawings are of poor quality, and have numerous inaccuracies and mislabeling, or may be missing. • No corresponding explanatory text for included items. • Inaccuracies in the equation. Little or no attempt is made to make it easy for the reader to understand the use of an equation or its derivation.	• In some cases, illustrations do not convey information clearly. • While items are labeled, references to these items are missing. • Most equations are accurate. Too many variables are not defined. Discussion regarding the development and usage of the equation is unclear.	• For the most part, illustrations are accurate, consistent with the text, and of good quality. • All items are generally labeled and are referred to in the text. • Most equations are accurate and clear. Most variables are defined and units specified. With some minor exceptions, adequate discussion regarding the equation development and usage is stated.	• All figures, graphs, charts, and drawings are accurate, consistent with the text, and of good quality. They enhance understanding of the text. • All items are labeled and referred to in the text. • All equations are clear, accurate, and labeled. All variables are defined and units specified. Discussion about the equation development and use is stated.	
Discussion	Very incomplete or incorrect interpretation of trends and comparison of data indicating a lack of understanding of results	Some of the results have been correctly interpreted and discussed; partial but incomplete understanding of results is still evident	Almost all of the results have been correctly interpreted and discussed, only minor improvements are needed	All important trends and data comparisons have been interpreted correctly and discussed, good understanding of results is conveyed	
Conclusions	Conclusions missing or missing the important points	Conclusions regarding major points are drawn, but many are misstated, indicating a lack of understanding	All important conclusions have been drawn, could be better stated	All important conclusions have been clearly made, student shows good understanding	
Visual Format and Organization	• The document is not visually appealing. • There is no apparent ordering of paragraphs, and thus there is no progressive flow of ideas.	• Small errors are present • Within sections, the order in which ideas are presented is occasionally confusing.	• Structuring the content to represent the logical progression • The document is organized. • Use of white space helps the reader navigate the document, although the layout could be more effective.	• Structuring the content to represent the logical progression • The document is visually appealing and easily navigated. • Usage of white space is used as appropriate to separate blocks of text and add emphasis.	
Use of references	• Little attempt is made to acknowledge the work of others. • Most references included are inaccurate or unclear.	• On several cases, references are not stated when appropriate. • References are not complete.	• With an occasional oversight, prior work is acknowledged. • With some minor exceptions, references are correct.	• Prior work is acknowledged by referring to sources for theories, assumptions, quotations, and findings. • Correct information for References.	
Realistic constraints	Incorrect analysis on how this constraint affects the design of the system, component, or process.	Analysis contains a mixture of correct and incorrect reasons as to how this constraint affects the design of the system, component, or process.	Analysis provides correct reasons as how this constraint affects the design of the system, component, or process but contains only a brief discussion.	Analysis provides correct reasons as how this constraint affects the design of the system, component, or process and contains in-depth discussion.	
				Total Score (out of 50)	

Name and Signature of the Project Supervisor