

MECE 2140 MATERIALS LABORATORY – LAB REPORT GRADING RUBRIC

Name _____ Lab Title _____ Score _____

	Excellent (10 points each)	Good (8 points each)	Satisfactory (6 points each)	Unsatisfactory (3 points each)
Organization & Appearance (x ½) Score: _____	<ul style="list-style-type: none"> The document is easily navigated (assisted by sectioning) Information is in the appropriate section. The document is visually appealing. 	<ul style="list-style-type: none"> The document is organized. Information is not in the appropriate section. 	<ul style="list-style-type: none"> Within sections, the order in which ideas are presented is occasionally confusing. The document is somewhat appealing. 	<ul style="list-style-type: none"> There is no apparent ordering of paragraph, and thus there is no progressive flow of ideas. There are few “cues” to help the reader navigate the document. The document is not visually appealing.
Technical Language Score: _____	<ul style="list-style-type: none"> 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 are present. 	<ul style="list-style-type: none"> For the most part, sentences are complete and grammatical, and they flow together easily. Any errors are minor and do not distract the reader. For the most part, terms and jargon are used correctly with some attempt to define them. There are one or two misspelled words. 	<ul style="list-style-type: none"> In a few places, errors in the sentence structure and grammar distract the reader and interfere with meaning. Word choice could be improved. Occasionally, technical jargon is used without definition and/or incorrectly. There are a few misspelled words. 	<ul style="list-style-type: none"> Errors in sentence structure and grammar frequently distract the reader and interfere with meaning. There is unnecessary repetition of the same words and phrases. There is an overuse of jargon and technical terms without definition, accompanied by incorrect use. There are many misspelled words.
Background & Theory Score: _____	<ul style="list-style-type: none"> Demonstrated a thorough understanding of the related topic In depth discussion 	<ul style="list-style-type: none"> Demonstrated an adequate understanding of the related topic Moderate but relevant discussion 	<ul style="list-style-type: none"> Demonstrated some understanding of the related topic Moderate but irrelevant discussion 	<ul style="list-style-type: none"> Did not demonstrate much knowledge of the related topic Brief & general discussion (relevant or irrelevant) Copied from lab procedures
Objective (x ½) Score: _____	<ul style="list-style-type: none"> Correctly stated In own words 	<ul style="list-style-type: none"> Correctly stated but incomplete 	<ul style="list-style-type: none"> Incorrectly stated In own words 	<ul style="list-style-type: none"> Incorrectly stated Not in own words
Exp. Setup & Procedures (x ½) Score: _____	<ul style="list-style-type: none"> Thorough explanation and detail Adequate depiction of setup In own words 	<ul style="list-style-type: none"> Adequate explanation and detail Inadequate depiction of setup In own words 	<ul style="list-style-type: none"> Some explanation and little detail (very general) No depiction of setup In own words 	<ul style="list-style-type: none"> Very little or no explanation or detail No depiction of setup Not in own words
Data & Analysis: Technical Score: _____	<ul style="list-style-type: none"> Appropriate and complete data collected Correct graphs, charts, and calculations 	<ul style="list-style-type: none"> Appropriate but incomplete data collected One incorrect graph or chart, or incorrect calculations 	<ul style="list-style-type: none"> Inappropriate but complete data collected One incorrect graph or chart, and incorrect calculations. 	<ul style="list-style-type: none"> Inappropriate and incomplete data collected More than one incorrect graph, chart, or calculation
Data & Analysis: Non-Technical Score: _____	<ul style="list-style-type: none"> No missing or incorrect units No significant figure errors Graphs completely and correctly labeled (title & axis) Captions on all figures, tables, graphs, charts, etc. Correct and sufficient equations shown 	<ul style="list-style-type: none"> One or two missing or incorrect units One or two significant figure errors One or two missing or incorrect labels on graphs Captions on most figures, tables, graphs, charts, etc. Correct but insufficient equations shown 	<ul style="list-style-type: none"> Few missing or incorrect units Few significant figure errors Few missing or incorrect labels on graphs Captions on some figures, tables, graphs, charts, etc. Incorrect but sufficient equations shown 	<ul style="list-style-type: none"> Many missing or incorrect units Many significant figure errors Many missing or incorrect labels on graphs Captions on little or no figures, graphs, charts, etc. No equations shown
Discussion of Analysis (x2) Score: _____	<ul style="list-style-type: none"> Demonstrated a thorough understanding and comprehension of the results 	<ul style="list-style-type: none"> Demonstrated an adequate understanding and comprehension of the results 	<ul style="list-style-type: none"> Demonstrated some understanding and comprehension of the results 	<ul style="list-style-type: none"> Demonstrated little or no understanding and comprehension of the results
Conclusions (x2) Score: _____	<ul style="list-style-type: none"> Analysis and results correctly and adequately compared to theory, equations, and practical applications. 	<ul style="list-style-type: none"> Analysis and results incorrectly but adequately compared to theory, equations, and practical applications. 	<ul style="list-style-type: none"> Analysis and results correctly but inadequately compared to theory, equations, and practical applications. 	<ul style="list-style-type: none"> Analysis and results incorrectly and inadequately compared to theory, equations, and practical applications.
Use of Appendices &/or References (x ½) Score: _____	<ul style="list-style-type: none"> Information is placed appropriately in the main text or an appendix. Reference to sources for theories, assumptions, quotations, or findings. 	<ul style="list-style-type: none"> Selection and/or extent of material in appendix may not be optimal. With an occasional oversight, prior work is acknowledged. 	<ul style="list-style-type: none"> Content in appendix is not complete. On several instances, references are not stated when appropriate. 	<ul style="list-style-type: none"> Appendices were not utilized when appropriate. Little attempt is made to acknowledge the work of others. Inaccurate/unclear references.
Timeliness	On time	Late (-20 points per day)	# of days late:	Points to deduct: