

BME/CENG/ELEC/SENG 499 - FINAL REPORT RUBRIC (Supervisor)

Team Number and Names: _____ Date: _____

Project Title: _____ Supervisor: _____

Topic (Weight)	Fail (< 50)	C, D Level (50 - 69)	B Level (70 - 79)	A Level (80 - 100)	Score (0 - 100)	Weighted Score
<ul style="list-style-type: none"> • Problem Formulation • Design Goals • Design Specifications (12%) 	<ul style="list-style-type: none"> • Insufficient description of Problem • Insufficient description of goals/specifications 	<ul style="list-style-type: none"> • Minimally adequate description of Problem • Minimally adequate description of goals/specifications 	<ul style="list-style-type: none"> • Good description of Problem • Goals/specifications • Some minor problems 	<ul style="list-style-type: none"> • Clear, complete, excellent description of problem, goals, and specifications. 		
<ul style="list-style-type: none"> • Review of Literature and other Solutions • Design Alternatives and Concepts • Rationales for Concept Selection (13%) 	<ul style="list-style-type: none"> • Insufficient review of literature / market • No alternative designs • No justification for decisions made 	<ul style="list-style-type: none"> • Minimal review of literature / market • Deficiencies in Exploring and creating alternative design concepts • Design decisions not sufficiently justified 	<ul style="list-style-type: none"> • Alternative design concepts satisfy goals and specifications to some degree. • Advantages and Disadvantages present • Some minor technical or factual errors 	<ul style="list-style-type: none"> • Clear alternative design concepts which satisfy goals and specifications • Pertinent advantages and disadvantages weighted • No technical or factual errors 		
<ul style="list-style-type: none"> • Preliminary Design Simulation/Analysis • Design Methodology and Details (25%) 	<ul style="list-style-type: none"> • Insufficient simulation/analysis • No design methodology • No project plan 	<ul style="list-style-type: none"> • Minimal simulation/analysis • Minimal design methodology • Minimal project plan 	<ul style="list-style-type: none"> • Good simulation or preliminary analysis • Good design methodology and project plan 	<ul style="list-style-type: none"> • Comprehensive simulation preliminary analysis • Excellent design methodology and project plan 		
<ul style="list-style-type: none"> • Prototype • Detailed Design (25%) 	<ul style="list-style-type: none"> • No Prototype 	<ul style="list-style-type: none"> • Prototype working with major deficiency 	<ul style="list-style-type: none"> • Prototype working with minor problems 	<ul style="list-style-type: none"> • Fully working prototype that meets all goals 		
<ul style="list-style-type: none"> • Testing • Evaluation • Discussion • Future Work (25%) 	<ul style="list-style-type: none"> • Insufficient testing and evaluation plan • Inadequate discussion of results 	<ul style="list-style-type: none"> • Minimal adequate test/evaluation plan and actual test performed • Minimally adequate discussion of results 	<ul style="list-style-type: none"> • Good test/evaluation plan and actual test performed • Good discussion of results 	<ul style="list-style-type: none"> • Comprehensive test/evaluation plan and actual test performed • Excellent discussion of testing results indicating strength and limitations 		