

ME 207 – LABORATORY REPORT RUBRIC

Name: _____

Laboratory: _____

Section	Objective	Excellent 4	Good 3	Fair 2	Poor 1	Absent 0
Abstract	Problem, method, procedure, results and conclusions are clearly summarized					
Introduction	Problem is clearly stated. Background information is researched and cited. Outcome of the lab is correctly summarized.					
Apparatus & Procedure	The equipment used in the experiment is thoroughly described. The procedure is accurately explained.					
Modeling	Obtained data is correctly presented. Modeling steps are correctly explained. Outcome of the modeling work is stated. Assessment of the model quality is provided.					
Control Design	Control design procedure is clearly explained. Closed-loop simulation results showing the performance of the controller are provided and thoroughly discussed.					
Experimental Testing	Experimental implementation of the controller is described in detail. Experimental results are presented. Comparison between simulation and experimental results is provided and discussed.					
Conclusions	Critical assessment of results is provided. Limitations of the procedure, modeling, control-design techniques impacting results are discussed. Modifications to improve results are critically proposed.					
Report quality & organization	Report is well organized. Equations, figures and sections are correctly numbered and referred to. Figures are correctly presented.					
Writing quality	Sentences are complete. Writing is neat, understandable, and organized. No misspellings. Effective proofread for errors.					