

Project 2 – Simulation Lab

Group Name _____ Date _____ Score _____/100

	Written Report Criteria	Possible	Score	Comments
Technical Work (65%)	Clear objective in introduction	5		
	Appropriate detail of experimental methods and apparatus	5		What are the limitations of the measurement, cycle time, and controller output?
	Appropriate figure(s), graph(s), tables(s) to adequately support results and conclusions	10		Graphics that support conclusions, refer to figures in the body of the report
	Results and Discussion with appropriate analysis, accurate results, clear logic, and persuasive arguments	30		Stability analysis, FOPDT model parameters within range, PID controller tuning with justification for best performance
	Clear conclusions and recommendations supported by the data	15		Consistent with objective in the introduction
Writing (35%)	Organization that includes appropriate headings	5		
	Quality of communication – clarity, precision, conciseness	20		Switching between 1 st and 3 rd person?
	Grammar, spelling, and appropriate length	10		2 page limit – conciseness is challenging

	Oral Presentation Criteria	Possible	Score	Comments
Presentation	Introduction (TECOS) – Thank, Expert, Concerns, Objective, Start	10		
	Quality of communication – clarity, precision	10		
	Conciseness with appropriate length and number of slides	10		5 min limit – conciseness is challenging
	Clear conclusions with motivating discussion	20		What will the audience think, feel, or do differently as a result of the presentation?

