

Group Members			
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<i>By filling out the names above, the group members acknowledge that a) they have jointly authored this submission, b) this work represents their original work, c) that they have not been provided with nor examined another person's assignment, either electronically or in hard copy, and d) that this work has not been previously submitted for academic credit.</i>			

## LAB 5. LEAD AND LAG COMPENSATOR DESIGN

*Always include this page at the beginning of your prelab and postlab submission.*

Select your lab session:	<input type="checkbox"/> morning lab; <input checked="" type="checkbox"/> afternoon lab; <input checked="" type="checkbox"/> Tue; <input type="checkbox"/> Wed; <input type="checkbox"/> Thu		
Assigned plant number:	46		
Plant parameters found on LEARN in the Lab5 folder:	a	1.2	
	b	8	
	T	100	
	$K_i$	3	
Design specification 1: compensated phase-margin ( $\pm 3^\circ$ )	45		
Design specification 2: closed-loop step-tracking $e_{ss}$	20%		