AME40453 - Automation and Controls Lab

Spring 2024

15	Wk	Monday	Tuesday	Wednesday	Thursday	Friday	TASK
Jan-14							171011
3	Jan-14		First Day	First Lecture	10	C1	C1 - Introduction to LabView
Jan 27 C1		22			25		
Jan-27 Citech memo due Pre-lab due P					-0		C2 - Analog Thermostat
A 29							o_ /a.ogooaat
Jan-28 C2 C3 Lecture C3 C3 - PID Temperature Controller		29	30	31	1	2	
Feb-3 C2 tech memo due Pre-lab due Pre-lab due Pre-lab due Pre-lab due C4 - Acuators C3 tech memo due Pre-lab due C4 - Acuators C5 - Single Water Tank Feb-17 Pre-lab due					-		C3 - PID Temperature Controller
S				C2 tech memo due		Pre-lab due	·
Feb-10		5	6	7	8	9	
September 12	Feb-4	C3		C4 Lecture		C4	C4 - Acuators
Feb-17	Feb-10			C3 tech memo due		Pre-lab due	
Feb-18	6	12	13	14	15	16	
Teb-18	Feb-11	C4		C5 Lecture			C5 - Single Water Tank
Feb-12	Feb-17			No memo due			
Feb-24 C5 tech memo due Pre-lab due	7	19	20	21	22	23	
Section		C5					C6 - Coupled Water Tanks
Feb-25 Mar-29 4							
Mar-2			27		29		07 1 1 1 5 1 1
Sample S		C6					C7 - Inverted Pendulum
Mar-3 Mar-9 Mar-9 Mar-10 Mar-17 Mar-23 Mar-30 Mar-31 Mar-		4	_		_		
Mar-9			5		'	_	Finish C9
10		C/					Fillisti Co
Mar-10 Mar-16 Mar-16 Mar-16 Mar-16 Mar-17 Mar-23 Mar-24 M		11	12		1.1		
Mar-16		""	12	13	14	15	No Lahs - Spring Break
11							No Labs - Opinig Break
Mar-17 Mar-23		18	19	20	21	22	
Mar-23							C8 - Choose Your Own Adventure
Mar-24 C8 No Lecture C8 tech memo due Good Friday No Lab				Lecture Video		Pre-lab due	
Mar-30 C8 tech memo due No Lab 13 1 2 3 4 5 Final Project Final Project Presentations Final Project Presentations Final Project Presentations Final Exam Week 18 6 7 8 9 10 Final Exam Week 19 13 14 15 16 17 Summer Vacation!	12	25	26	27	28	29	
13	Mar-24	C8		No Lecture		Good Friday	Easter Weekend
Mar-31 Apr-6 Apr-6 Apr-6 Apr-7 Apr-1 Easter Monday No Lab Final Project Final Project Final Project 14 Apr-7 Apr-1 Apr-13 Apr-1 Apr-13 Is 15 Is Final Project 16 Is	Mar-30			C8 tech memo due		No Lab	
Apr-6 No Lab 9 10 11 12 Final Project Final Project Final Project Apr-73 Apr-13 15 15 16 17 18 19 Final Project Final Project Final Project Apr-20 16 22 23 24 25 26 Final Project Final Project Final Project Apr-27 17 29 30 1 2 3 Final Project Presentations Apr-28 May-4 Presentations Presentations 8 9 10 Final Exam Week May-10 19 13 14 15 16 17 May-12 19 13 14 15 16 17	13		2	3	4	5	
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May-18							Summer Vacation!
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