

AME40453 - Automation and Controls Lab

Spring 2022

Wk	Monday	Tuesday	Wednesday	Thursday	Friday	TASK
1 Jan-9 Jan-15	10 First day of classes at ND	11	12 First lecture 10:25am	13	14 C1 Pre-lab due	C1 - Introduction to LabView
2 Jan-16 Jan-22	17 M.L.K. Day No classes at ND	18	19 C2 Lecture C1 tech memo due	20	21 C2 Pre-lab due	C2 - Analog Thermostat
3 Jan-23 Jan-29	24 C2	25	26 C3 Lecture C2 tech memo due	27	28 C3 Pre-lab due	C3 - PID with LabView
4 Jan-30 Feb-5	31 C3	1	2 C4 Lecture C3 tech memo due	3	4 C4 Pre-lab due	C4 - PID with Arduino
5 Feb-6 Feb-12	7 C4	8	9 C5 Lecture C4 tech memo due	10	11 C5 NO Pre-lab	C5 - Actuators
6 Feb-13 Feb-19	14 C5	15	16 C6 Lecture No C5 tech memo	17	18 C6 Pre-lab due	C6 - Single Water Tank
7 Feb-20 Feb-26	21 C6	22	23 C7 Lecture C6 tech memo due	24	25 C7 Pre-lab due	C7 - Coupled Water Tanks
8 Feb-27 Mar-5	28 C7	1	2 No lecture C7 tech memo due	3	4 NO Lab Spring Break	Spring Break
9 Mar-6 Mar-12	7	8	9	10	11	Spring Break - No Labs
10 Mar-13 Mar-19	14	15	16 C8 Lecture	17 Final Project Proposals due	18 C8 Pre-lab due	C8 - Inverted Pendulum
11 Mar-20 Mar-26	21 C8	22	23 Final Lecture C8 tech memo due	24	25 Final Project	Final Project
12 Mar-27 Apr-2	28 Final Project	29	30	31	1 Final Project	Final Project
13 Apr-3 Apr-9	4 Final Project	5	6	7	8 Final Project	Final Project
14 Apr-10 Apr-16	11 Final Project	12	13	14	15 Good Friday No Classes at ND	Easter Weekend
15 Apr-17 Apr-23	18 Dyngus Day No classes at ND	19	20	21	22 Last day to work on final project	Final Project
16 Apr-24 Apr-30	25 Final Project Demo and Presentation	26 Last day of classes at ND	27 Written Report Due for Final Project	28	29 First day of final exams	Final Project Presentation and Demo (No Final Exam)
17 May-1 May-7	2	3	4	5	6	Final Exams
18 May-8 May-14	9	10	11	12	13	Summer Vacation!