AME40453 - Automation and Controls Lab

Spring 2021

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