

Ch En 475 Unit Operations Laboratory- Winter 2020 (Subject to Change)

Section 1: M W 2:00-4:50 pm

DATE	Class Activity	Notes and Instruction	Assignment Due by End of Class	
6-Jan	Introduction; Safety; Lab Tour; Labview	Notebooks/Labview	In-class safety/lab assignment	1
8-Jan	Labview	Labview	Labview assignment	2
13-Jan	Project #1: Prepare proposal	Proposal Example		3
15-Jan	Project #1: Prepare proposal	Proposal Example	Project #1: Proposal, Safety Sheet	4
20-Jan	Martin Luther King Holiday			
22-Jan	Project #1: Begin experimental work	Statistics (Mean, Conf Interval)		5
27-Jan	Project #1:	Progress Report Example		6
29-Jan	Project #1:	Linear Regression	Statistics Assignment (in class), Project #1: Progress Report	7
3-Feb	Project #1: End experimental work	Figures and Graphs		8
5-Feb	Project #1: Project writing	Complete Report Example	Leadership Review #1 to group members (in class)	9
10-Feb	Peer Review of Project #1		Project #1: Complete Report to peers	10
12-Feb	Finish Report on Project #1		Project #1: Revised Report, Quiz, Leadership Report	11
17-Feb	President's Day Holiday			
18-Feb	Project #2: Prepare proposal			12
19-Feb	Project #2: Prepare proposal		Project #2: Proposal, Safety Sheet	13
24-Feb	Project #2: Begin experimental work			14
26-Feb	Project #2:			15
2-Mar	Project #2:		Project #2: Progress Report	16
4-Mar	Project #2:			17
9-Mar	Project #2: End experimental work		Leadership Review #2 (in class)	18
11-Mar	Project #2: Project writing		Project #2: Memo Report to peers, Leadership Report #2	19
16-Mar	Peer Review of Project #2		Project #2: Revised Report, Quiz	20
18-Mar	Project #3: Prepare proposal			21
23-Mar	Project #3: Prepare proposal		Project #3: Proposal, Safety Sheet	22
25-Mar	Project #3: Begin experimental work	Review Statistics		23
30-Mar	Project #3:		Statistics Quiz	24
1-Apr	Project #3:		Project #3: Progress Report	25
6-Apr	Project #3: End experimental work			26
8-Apr	Project #3: Presentation preparation			27
13-Apr	Project #3: Presentation preparation		Project #3 Quiz, Leadership Review #3 (in class)	28
15-Apr	Project #3: Oral presentations (15 min/team)		Project #3: Oral Presentation, Leadership Report #3	29