

## Ch En 475 Unit Operations Laboratory- Fall 2015 (Subject to Change)

### Section 2: TTh noon-2:50 pm

DATE	Class Activity	Notes and Instruction	Assignment Due by End of Class
1-Sep	Introduction; Safety; Lab Tour; Labview	Notebooks/Labview (1.5 hrs)	In-class safety/lab assignment , Labview assignment
3-Sep	Project #1: Prepare proposal	Proposal Example	
8-Sep	Project #1: Prepare proposal	Proposal Example	Project #1: Proposal, Safety Sheet
10-Sep	Project #1: Begin experimental work	Statistics (Mean, Conf Interval)	
15-Sep	Project #1:	Progress Report Example	
17-Sep	Project #1:	Linear Regression	Igor Assignment (in class), Project #1: Progress Report
22-Sep	Project #1: End experimental work	Figures and Graphs	
24-Sep	Engineering Career Fair	No formal class this day	Engineering Career Fair
29-Sep	Project #1: Project writing	Complete Report Example	Leadership Review #1 to group members (in class)
1-Oct	Peer Review of Project #1		Project #1: Complete Report to peers
6-Oct	Revise Project #1		Project #1: Revised Report, Quiz, Leadership Report
8-Oct	Project #2: Prepare proposal	Fletcher gone	
13-Oct	Project #2: Prepare proposal	Fletcher gone	Project #2: Proposal, Safety Sheet
15-Oct	Project #2: Begin experimental work		
20-Oct	Project #2:		
22-Oct	Project #2:		Project #2: Progress Report
27-Oct	Project #2: End experimental work		
29-Oct	Project #2: Project writing		Leadership Review #2 (in class)
3-Nov	Peer Review of Project #2		Project #2: Memo Report to peers, Leadership Report #2
5-Nov	Project #2: Project writing		Project #2: Revised Report, Quiz
10-Nov	Project #3: Prepare proposal		Project #3: Proposal, Safety Sheet
12-Nov	Project #3: Begin experimental work	Review Statistics	
17-Nov	Project #3:	Fletcher gone	Statistics Quiz
19-Nov	Project #3:	Fletcher gone	Project #3: Progress Report
24-Nov	THANKSGIVING BREAK		
26-Nov	THANKSGIVING BREAK		
1-Dec	Project #3: End experimental work		
3-Dec	Project #3: Presentation preparation		
8-Dec	Project #3: Presentation preparation		Project #3 Quiz, Leadership Review #3 (in class)
10-Dec	Project #3: Oral presentations (15 min/team)		Project #3: Oral Presentation, Leadership Report #3