FALL 2020 SEMESTER
Chem 2229 Laboratory Assignments

Week	Experiment	MTOL (pgs)	Solomons 12th ed (pgs)	Pre-Lab Due (on Canvas)	Lab Writeup Due (on Canvas)
8/24	Intro/Check-in	Chapts 1-3	---	Safety	---
8/31	NaBH4 reduction of 9-Fluorenone	52-55, 90-110 110-116, 125-128	537-540	NaBH4 reduction	---
9/7	Oxidation of 9-Fluorenol	110-116	544-546	Oxidation	NaBH4 reduction
9/14	Grignard Reaction	25-27	548-559	Grignard	Oxidation
9/21	continue	110-116 , 125-128	---	---	---
9/28	***Fall Break - No In Class Lab***			CLC assignment	---
10/5	Aldol	110-116	856-860	Aldol	Grignard
10/12	IR/NMR review (*Live Zoom During Lab Time*)	146-178, 179-217	86-97, 391-414	---	---
10/12	**Mid-Term Exam***				
	Common Mid-Term Exam, Tuesday, Oct. 13, 7:00-9:00 **pm**, online on Canvas				
10/19	Synthesis Project	---	---	prelab pt. 1	Aldol /CLC assignment
10/26	Synthesis Project	---	---	---	---
11/2	Synthesis Project	---	---	prelab pt. 2	project pt. 1
11/9	Synthesis Project	---	---	---	IR/NMR review
11/16	Synthesis Project	---	---	prelab pt.3	project pt. 2
11/23	***Thanksgiving Break - No Lab***	---	---	---	---
11/30	Synthesis Project	---	---	---	---
12/7	**Final Exam***	Lab Check-out	---	---	project pt. 3
	Common Final Exam, Tuesday, Dec. 8, 7:00-9:00 **pm**, online on Canvas				

*__Solomons__ (12th ed) -find the topic in your organic class text.
*__MTOL__=Microscale Techniques in the Organic Laboratory (book)
*__OCLT__=Organic Chemistry Laboratory Techniques (pdf online book)

Failure to check out will result in a $25.00 charge. You must check out even if you drop the course.