

SPRING 2019 SEMESTER
Chem 2219 (226) Laboratory Assignments

Week	Experiment	*MTOL (pgs)	*OCLT (pgs)	Pre-Lab Due (On Canvas)	Other Due	Lab Writeup Due
1/21	Intro/Check-In	Intro to Org Lab	17-24	Check-in	---	---
1/28	Distillation/MP/RI	Chpts 3 72-79, 49-52 52-56	44-47, 249-252 276 309-315	Dist/MP/RI --- ---	Safety Contract (last pg of syllabus) ---	---
2/4	Fract. Distillation	79-83	254-262, 279-281	Fract Dist	---	Distillation
2/11	GC	57-62	139-153	---	---	---
2/18	TLC	125-128	83-108, 368-369	TLC	---	Dist./GC
2/25	Recrystallization	110-118	157-199, 372, 374	Recryst	---	TLC
3/4	Column Chromat.	119-125	119-138, 370-371	Column Chrom	---	Recrystallization
3/11	Mid-Term Exam*	*Common Mid Exam is scheduled for Tues., March 12, from 7-9 pm in rm. G31 of EE.				
3/11	<i>St. Pat's</i>	No Lab	---	---	---	---
3/18	CLC	---	---	---	---	Column Chromat.
3/25	<i>Spring Break</i>	No Lab	---	---	---	---
4/1	Extraction	90-108, 114-116	201-228, 351 376-377, 380-381	Extraction	---	CLC
4/8	Alcohol dehydration	Solomons*, p303	338, 348, 354	Alc Dehydr	---	Extraction
4/15	Continue dehydr.	57-62, 162-165	---	---	---	---
4/22	Alkene bromination	Solomons*, p359	58-62, 465	Alkene Bromin	---	Alcohol Dehydr.
4/29	Diels-Alder	Solomons*, p599	58-62, 365	DA	---	Alkene bromination
5/6	Final Exam* Lab Check-out	*Common Final Exam is scheduled for Tues., May 7, from 7-9 pm in rm G31 of EE.				

***Solomons** (12thth 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)