

**FALL 2018 SEMESTER  
Chemistry 226 (2219) Laboratory Assignments**

Week	Experiment	*MTOL (pgs)	*OCLT (pgs)	Pre-Lab Due	Other Due	Lab Writeup Due
8/20	Intro/Check-In	Intro to Org Lab	17-24	Check-in	---	---
8/27	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) ---	---
9/3	<i>Labor Day</i>	No lab	---	---	---	---
9/10	Fract. Distillation	79-83	254-262, 279-281	Fract Dist	---	Distillation
9/17	GC	57-62	139-153	---	---	---
9/24	TLC	125-128	83-108, 368-369	TLC	---	Dist./GC
10/1	Recrystallization	110-118	157-199, 372, 374	Recryst	---	TLC
10/8	<b>Mid-Term Exam*</b>	---	CLC assignment	---	---	Crystallization
*Common Mid-Term Exam is scheduled for Tuesday, Oct. 9, from 7-9 pm in rm. 125 of BCH.						
10/15	Column Chromat.	119-125	119-138, 370-371	Column Chrom	---	CLC
10/22	Alcohol dehydration	Solomons*, p303	338, 348, 354	Alc Dehydr	---	Column Chromat.
10/29	Continue dehydr.	57-62, 162-165	---	---	---	---
11/5	Alkene bromination	Solomons*, p359	58-62, 465	Alkene Bromin	---	Alcohol Dehydr.
11/12	Extraction	90-108, 114-116	201-228, 351 376-377, 380-381	Extraction	---	Alkene bromination
11/19	<i>Thanksgiving</i>	No Lab	---	---	---	---
11/26	Diels-Alder	Solomons*, p599	58-62, 365	DA	---	Extraction
12/3	<b>Final Exam*</b>	Lab Check-out	---	---	---	Diels-Alder

\*Common Final Exam is scheduled for Wednesday, Dec. 5, from 7-9 pm in rm 125 of BCH.

\*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)