

FALL 2019 SEMESTER
Chemistry 226 (2219) Laboratory Assignments

Week	Experiment	*MTOL (pgs)	*OCLT (pgs)	Pre-Lab Due	Other Due	Lab Writeup Due
8/19	Intro/Check-In	Intro to Org Lab	17-24	Check-in	---	---
8/26	Column Chromat.	119-125	119-138, 370-371	Column Chrom Safety/Glassware	Safety Contract (last pg of syllabus)	---
9/2	<i>Labor Day</i>	No lab	---	---	---	---
9/9	TLC	125-128	83-108, 368-369	TLC	---	Column Chromat.
9/16	Distillation/MP/RI	Chpts 3 72-79, 49-52 52-56	44-47, 249-252 276 309-315	Dist/MP/RI	---	TLC
9/23	Fract. Distillation	79-83	254-262, 279-281	Fract Dist	---	Distillation/MP/RI
9/30	GC	57-62	139-153	GC	---	---
10/7	Mid-Term Exam*	---	CLC assignment	---	---	Fract. Dist./GC
*Common Mid-Term Exam is scheduled for Tuesday, Oct. 8, from 7-9 pm in rm. 125 of BCH.						
10/14	Recrystallization	110-118	157-199, 372, 374	Recryst	---	CLC
10/21	Alcohol dehydration	Solomons*, p303	338, 348, 354	Alc Dehydr	---	Recrystallization
10/28	Continue dehydr.	57-62, 162-165	---	---	---	---
11/4	Alkene bromination	Solomons*, p359	58-62, 465	Alkene Bromin	---	Alcohol Dehydr.
11/11	Extraction	90-108, 114-116	201-228, 351 376-377, 380-381	Extraction	---	Alkene bromination
11/18	Diels-Alder	Solomons*, p599	58-62, 365	DA	---	Extraction
11/25	<i>Thanksgiving</i>	No Lab	---	---	---	---
12/3	Final Exam*	Lab Check-out	---	---	---	Diels-Alder

***Common Final Exam** is scheduled for Tuesday, Dec. 3, from 7-9 **pm** in rm 125 of BCH.

***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)