

**FALL 2022 SEMESTER
Chem 2219 Laboratory Assignments**

Week	Experiment	*MTOL (pgs)	*OCLT (pgs)	Pre-Lab Due (On Canvas)	Lab Writeup Due (On Canvas)
8/22	Intro/Check-In	Intro to Org Lab	17-24	Check-in	---
8/29	TLC	125-128	83-108, 368-369	TLC/Safety	---
9/5	Labor Day	No lab	---	---	---
9/12	Column Chromat.	119-125	119-138, 370-371	Column Chromat.	TLC (tu-wed sects)
9/19	Extraction/MP	90-108, 114-116 52-56	201-228, 351 376-377, 380-381, 309-315	Extraction	Column Chromat.
9/26	Recrystallization	110-118	157-199, 372, 374	Recrystallization	Extraction/MP
10/3	Distillation/MP/RI	Chpts 3 72-79, 49-52	44-47, 249-252 276	Dist/RI	Recrystallization (tu-wed) Column Chromat. (mon)
10/11	Mid-Term Exam* / CLC		---	---	---
*Common Mid Exam is scheduled for Tues., Oct. 11, from 7-9 pm online in Canvas					
10/17	Fract. Distillation	79-83	254-262, 279-281	Fract. Distillation	Distillation/MP/RI
10/24	GC	57-62	139-153	GC	---
10/31	SN1/SN2	Solomons*, p240-273	357-358	SN1/SN2	Fract. Distillation
11/7	Alcohol dehydration	Solomons*, p303	338, 348, 354	Alcohol Dehydration	SN1/SN2
11/14	Continue dehydr.	57-62, 162-165	---	---	---
11/21	Thanksgiving	No Lab	---	---	---
11/28	Alkene bromination	Solomons*, p359	58-62, 465	Alkene Bromination	Alcohol Dehydration
12/6	Final Exam* / Lab Check-out		---	---	Alkene Bromination

***Common Final Exam** is scheduled for Tues., Dec. 6, from 7-9 **pm** online in Canvas

***Solomons** (12th^o 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.