

**SPRING 2022 SEMESTER**  
**Chem 2219 Laboratory Assignments**

Week	Experiment	*MTOL (pgs)	*OCLT (pgs)	Pre-Lab Due (On Canvas)	Lab Writeup Due (On Canvas)
1/17	<i>MLK Jr. Day</i>	No lab all sects.	---	---	---
1/24	Intro/Check-In	Intro to Org Lab	17-24	Check-in	---
1/31	TLC	125-128	83-108, 368-369	TLC/Safety	---
2/7	Column Chromat.	119-125	119-138, 370-371	Column Chromat.	TLC
2/14	Extraction/MP	90-108, 114-116 52-56	201-228, 351 376-377, 380-381, 309-315	Extraction	Column Chromat.
2/21	Recrystallization	110-118	157-199, 372, 374	Recrystallization	Extraction/MP
2/28	Distillation/MP/RI	Chpts 3 72-79, 49-52	44-47, 249-252 276	Dist/RI	Recrystallization
3/7	<b>Mid-Term Exam*</b> / CLC		---	---	---
<b>*Common Mid Exam</b> is scheduled for Tues., March 8, from 7-9 <b>pm</b> online in Canvas					
3/14	Fract. Distillation	79-83	254-262, 279-281	Fract. Distillation	Distillation/MP/RI
3/21	GC	57-62	139-153	GC	CLC
3/28	<i>Spring Break</i>	<b>No Lab</b>	---	---	---
4/4	SN1/SN2	Solomons*, p240-273	357-358	SN1/SN2	Fract. Distillation/GC
4/11	Alcohol dehydration	Solomons*, p303	338, 348, 354	Alcohol Dehydration	SN1/SN2
4/18	Continue dehydr.	57-62, 162-165	---	---	---
4/25	Alkene bromination	Solomons*, p359	58-62, 465	Alkene Bromination	Alcohol Dehydration
5/2	<b>Final Exam*</b> / Lab Check-out		---	---	Alkene Bromination

**\*Common Final Exam** is scheduled for Tues., May 3, from 7-9 **pm** online in 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.