

SPRING 2023 SEMESTER
Chem 2219 Laboratory Assignments

Week	Experiment	*MTOL (pgs)	*OCLT (pgs)	Pre-Lab Due (On Canvas)	Lab Writeup Due (On Canvas)
1/16	<i>MLK Jr. Day</i>	No lab all sects.	---	---	---
1/23	Intro/Check-In	Intro to Org Lab	17-24	Check-in	---
1/30	TLC	125-128	83-108, 368-369	TLC/Safety	---
2/6	Column Chromat.	119-125	119-138, 370-371	Column Chromat.	TLC
2/13	Extraction/MP	90-108, 114-116 52-56	201-228, 351 376-377, 380-381, 309-315	Extraction	Column Chromat.
2/20	Recrystallization	110-118	157-199, 372, 374	Recrystallization	Extraction/MP
2/27	Distillation/MP/RI	Chpts 3 72-79, 49-52	44-47, 249-252 276	Dist/RI	Recrystallization
3/6	Mid-Term Exam*	---	---	---	---
*Common Mid Exam is scheduled for Tues., March 7, from 7-9 pm online in Canvas					
3/13	Fract. Distillation	79-83	254-262, 279-281	Fract. Distillation	Distillation/MP/RI
3/20	GC	57-62	139-153	GC	CLC
3/27	<i>Spring Break</i>	No Lab	---	---	---
4/3	SN1/SN2	Solomons*, p240-273	357-358	SN1/SN2	Fract. Distillation/GC
4/10	Alcohol dehydration	Solomons*, p303	338, 348, 354	Alcohol Dehydration	SN1/SN2
4/17	Cont. dehydr./CLC	57-62, 162-165	---	---	---
4/24	Alkene bromination	Solomons*, p359	58-62, 465	Alkene Bromination	Alcohol Dehydration
5/1	Final Exam* / Check-out	---	---	---	Alkene Bromination

***Common Final Exam** is scheduled for Tues., May 2, 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.