

**FALL 2023 SEMESTER  
Chem 2219 Laboratory Assignments**

<b>Week</b>	<b>Experiment</b>	<b>*MTOL (pgs)</b>	<b>*OCLT (pgs)</b>	<b>Pre-Lab Due (On Canvas)</b>	<b>Lab Writeup Due (On Canvas)</b>
8/21	Intro/Check-In	Intro to Org Lab	17-24	Check-in	---
8/28	TLC	125-128	83-108, 368-369	TLC/Safety	---
9/4	<b>Labor Day</b>	<b>No lab</b>	---	---	---
9/11	Column Chromat.	119-125	119-138, 370-371	Column Chromat.	TLC
9/18	Extraction/MP	90-108, 114-116 52-56	201-228, 351 376-377, 380-381, 309-315	Extraction	Column Chromat.
9/25	Recrystallization	110-118	157-199, 372, 374	Recrystallization	Extraction/MP
10/2	Distillation/MP/RI	Chpts 3 72-79, 49-52	44-47, 249-252 276	Dist/RI	Recrystallization
10/9	<b>Mid-Term Exam*</b>	<b>No Lab</b>	---	---	---
<b>*Common Mid Exam</b> is scheduled for Tues., Oct. 10, from 7-9 <b>pm</b> online in Canvas					
10/16	Fract. Distillation	79-83	254-262, 279-281	Fract. Distillation	Distillation/MP/RI
10/23	GC/NMR lecture	57-62	139-153	GC	---
10/30	SN1/SN2	Solomons*, p240-273	357-358	SN1/SN2	Fract. Distillation
11/6	Alcohol dehydration	Solomons*, p303	338, 348, 354	Alcohol Dehydration	SN1/SN2
11/13	CLC lecture	57-62, 162-165	---	---	---
11/20	<b>Thanksgiving</b>	<b>No Lab</b>	---	---	---
11/27	Alkene bromination	Solomons*, p359	58-62, 465	Alkene Bromination	Alcohol Dehydration
12/4	<b>Final Exam*</b>	Lab Check-out	---	---	Alkene Bromination

**\*Common Final Exam** is scheduled for Tues., Dec. 5, from 7-9 **pm** online in Canvas

\*Solomons (12th<sup>th</sup> 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.