

PLANNING SCHEDULE - CHEM 551 Fall 2023 (Hanna)

NOTE: This schedule is tentative and subject to change at the professor's discretion. Any changes to the schedule will be announced during lecture.

Date	Topic(s)	Text Sections / Required Preparation	Written Assignment Drafts Due to Mentor	Final Written Assignments Due**	Oral Assignments
25-Aug	Introduction, Research Ethics	1. Davis et al., pp. 156 - 165 2. ACS Style Guide, pp. 3-10 3. Course Contract and Project Safety Summary info on course webpage			
1-Sep	The Chemical Literature/ Literature Summaries	1. Davis et al. Ch. 1-5, 8 2. ACS Style Guide pp. 17-26		Course Contract Project Safety Summary	
8-Sep	Making Oral Presentations	1. Davis et al. pp. 206-215 2. "Making Effective Oral Presentations" on course webpage 3. "Presenting the Chemical Paper" on course webpage	Literature Summaries		
15-Sep	The Research Proposal	1. Davis et al. Ch. 11 2. Research Proposal Assignment on course webpage		Literature Summaries	
22-Sep	Peer Review: Written Proposal	1. ACS Style Guide pp. 71-76 2. Bring copies of your draft proposal to share with one or two of your peers.	Written Proposal		
29-Sep	The Research Paper: Title/Introduction	1. Davis et al., Ch. 10 2. "Whitesides' Group: Writing a Paper" on course webpage 3. ACS Style Guide pp. 19-26		Written Proposal	Committee Meeting #1 (Oral Proposal) (must be held between 9/25 and 10/6)
6-Oct	Peer Review: Title/Introduction	1. ACS Style Guide pp. 71-76 2. Bring copies of your Title/Introduction draft to share with one or two of your peers	Title/Introduction		
13-Oct	The Research Paper: Methods and Results	1. Davis et al., Ch. 10 2. "Whitesides' Group: Writing a Paper" on course webpage 3. ACS Style Guide pp. 19-26		Title/Introduction	
20-Oct	Peer Review: Methods and Results	1. ACS Style Guide pp. 71-76 2. Bring copies of your Methods/Results draft to share with one or two of your peers	Revised Title/Intro + Methods and Results		
27-Oct	SERMACS (no class)			Revised Title/Intro + Methods and Results	
3-Nov	Student Presentations: Methods/Results	Prepare a 5 min oral description of a particular experimental result or technique unique to your research			
10-Nov	Research Ethics Revisited	1. Davis et al., pp. 156-165 2. ACS Style Guide, pp. 3-10 3. On Being a Scientist pp. 8-23 (on course webpage)			Committee Meeting #2 (Progress Report) (must be held between 11/6 - 11/17)
17-Nov	Peer Review: Final 551 Paper	1. ACS Style Guide pp. 71-76 2. Bring copies of your Final Paper draft to share with one or two of your peers	Final 551 Paper		
24-Nov	Thanksgiving (no class)				
1-Dec	Final Thoughts and Discussions			Final 551 Paper	FINAL PRESENTATIONS <i>Tuesday, December 12, 3:00 - 5:30 pm</i> (Sims 111)

**Course Contract and Project Summary - Dr. Hanna only. All other final assignments must be submitted to your mentor, committee, and Dr. Hanna