

## CHEM 108-001, Spring 2023

**Instructor:** Mr. Samuel Johnson  
**Lab Meeting Time:** Monday 6:30 pm - 9:15 pm Sims103  
**Prelab:** Monday 6:30 pm Sims105 (start out in this room)  
**Recitation:** Tuesday 6:30-7:20 pm Online in Blackboard  
**Course Credit Hours:** 2  
**E-mail:** johnsonsj@winthrop.edu  
**Office:** 109F Sims  
**Office Hours:**

All assignments are due at the end of the lab period except where otherwise indicated.  
This is a tentative schedule. Mistakes will be corrected and dates will be changed as needed.

Date	Schedule	Assignments Due
1/9	Introduction Lab Bench Check-In	
1/16	No Lab	Martin Luther King Day
1/23	Safety/Webpage Quiz Cooperative Project I: Density Lab	<b>Safety/Webpage Quiz</b> <b>Due by 6:30 pm</b> <ul style="list-style-type: none"><li>• CP I- Prelab Assignment Due</li></ul> <b>Due by 9:15 pm</b> <ul style="list-style-type: none"><li>• CP I- Notebook pages</li><li>• CP I- Weekly summary</li></ul>
1/30	Cooperative Project II: Unknown Ionic Compound Lab	<b>Due by 6:30 pm</b> <ul style="list-style-type: none"><li>• CP I- Lab Report</li><li>• CP II- Prelab Assignment</li></ul> <b>Due by 9:15 pm</b> <ul style="list-style-type: none"><li>• CP II- Notebook pages</li></ul>
2/6	Cooperative Project III: Calcium Lab Week 1	<b>Due by 6:30 pm</b> <ul style="list-style-type: none"><li>• CP II- Group Lab Summary</li><li>• CP III- Prelab Assignment</li></ul> <b>Due by 9:15 pm</b> <ul style="list-style-type: none"><li>• CP III- Notebook pages</li><li>• CP III- Weekly summary</li></ul>
2/13	Cooperative Project III: Calcium Lab Week 2	<b>Due by 6:30 pm</b> <ul style="list-style-type: none"><li>• CP III- Prelab Assignment</li></ul> <b>Due by 9:15 pm</b> <ul style="list-style-type: none"><li>• CP III- Notebook pages</li><li>• CP III- Weekly summary</li></ul>

2/20	Cooperative Project IV: Hot & Cold Lab Week 1	<b>Due by 6:30 pm</b> <ul style="list-style-type: none"> <li>• CP III- Lab Report</li> <li>• CP IV- Prelab Assignment</li> </ul> <b>Due by 9:15 pm</b> <ul style="list-style-type: none"> <li>• CP IV- Notebook pages</li> <li>• CP IV- Weekly summary</li> </ul>
2/27	Cooperative Project IV: Hot & Cold Lab Week 2	<b>Due by 6:30 pm</b> <ul style="list-style-type: none"> <li>• CP IV- Prelab Assignment</li> </ul> <b>Due by 9:15 pm</b> <ul style="list-style-type: none"> <li>• CP IV- Notebook pages</li> <li>• CP IV- Weekly summary</li> </ul>
3/6	Cooperative Project IV: Hot & Cold Lab Week 3	<b>Due by 6:30 pm</b> <ul style="list-style-type: none"> <li>• CP IV- Prelab Assignment</li> </ul> <b>Due by 9:15 pm</b> <ul style="list-style-type: none"> <li>• CP IV- Notebook pages</li> <li>• CP IV- Weekly summary</li> </ul>
3/7	<b>Recitation Exam 1</b>	
3/13	<b>No Lab</b>	<b>Spring Break</b>
3/20	Cooperative Project V: Unknown Organic Lab Week 1	<b>Due by 6:30 pm</b> <ul style="list-style-type: none"> <li>• CP V- Prelab Assignment</li> </ul> <b>Due by 9:15 pm</b> <ul style="list-style-type: none"> <li>• CP V- Notebook pages</li> <li>• CP V- Weekly summary</li> </ul>
3/27	Cooperative Project V: Unknown Organic Lab Week 2	<b>Due by 6:30 pm</b> <ul style="list-style-type: none"> <li>• CP IV- Lab Report</li> <li>• CP V- Prelab Assignment</li> </ul>
4/3	Cooperative Project VI: Analysis of Colas Week 1	<b>Due by 6:30 pm</b> <ul style="list-style-type: none"> <li>• CP VI- Prelab Assignment</li> </ul> <b>Due by 9:15 pm</b> <ul style="list-style-type: none"> <li>• CP VI- Notebook pages</li> <li>• CP VI- Weekly summary</li> </ul>
4/10	Cooperative Project VI: Analysis of Colas Week 2	<b>Due by 6:30 pm</b> <ul style="list-style-type: none"> <li>• CP VI- Prelab Assignment</li> </ul> <b>Due by 9:15 pm</b> <ul style="list-style-type: none"> <li>• CP VI- Notebook pages</li> <li>• CP VI- Weekly summary</li> </ul>

4/17	Cooperative Project V – Presentations Skills Exam Practice Lab Check-out	CP V – Oral PowerPoint Presentations in Sims 105 6:30 pm
4/24	<b>No Lab</b>	
4/25	<b>Recitation Exam 2</b>	
	<b>Final Skills Exam</b>	<b>Monday at 6:30pm;</b> Don't forget to bring your lab goggles and lab notebooks CP VI- Lab Report Due

This schedule is subject to change due to inclement weather, etc.

**Cooperative Project I: Density**  
**Cooperative Project II: Identification, Properties and Synthesis of an Unknown Ionic Compound**  
**Cooperative Project III: Designing a Calcium Supplement/Calcium Carbonate Synthesis**  
**Cooperative Project IV: Calorimetry**  
**Cooperative Project V: Identification, Properties and Synthesis of an Unknown Organic Compound**  
**Cooperative Project VI: Analysis of Phosphate in Colas**

Cooperative Project	Lab Report/Presentation Due Date
Cooperative Project I	Lab Report 1/30 at 6:30 pm
Cooperative Project II	Group Lab Summary 2/6 at 6:30 pm
Cooperative Project III	Lab Report 2/20 at 6:30 pm
Cooperative Project IV	Lab report 3/27 at 6:30 pm
Cooperative Project V	Group Presentation 4/17 at 6:30 pm
Cooperative Project VI	Lab Report 5/1 at 6:30 pm