

**CHEM 108-003**  
**Spring 2022**

**Instructor:** Dr. F. Gregg McIntosh  
**Lab Meeting Time:** Tuesday 2:00-4:50 SIMS 105/103  
**Course Credit Hours:** 2  
**E-mail:** mcintoshg@winthrop.edu  
**Office:** 109F SIMS  
**Office Hours:** Tu/Th 8:00-9:00 AM

All assignments are due at the end of the lab period except where otherwise indicated.

Date	Schedule	Assignments Due
1/11	Lab Bench Check-In Safety/Webpage Quiz	
1/18	No Lab	Martin Luther King Day
1/25	Cooperative Project I	Read Project I notes, read lab safety files on BB, watch density, sig. fig. and conversions videos, Blackboard quiz. Notebook pages and weekly summary due before leaving lab.
2/1	Cooperative Project II	Project I report. Read Project II notes, Blackboard quiz. Notebook pages and weekly summary due at end of lab.
2/8	Cooperative Project III	Read Project III notes, Blackboard quiz. Notebook pages and weekly summary at end of lab.
2/15	Cooperative Project III	Blackboard quiz. Notebook pages and weekly summary at end of lab.
2/22	Cooperative Project IV	Project III report. Read Project IV notes, Blackboard quiz. Notebook pages and weekly summary at end of lab.
3/1	Cooperative Project IV	Blackboard quiz. Notebook pages and weekly summary at end of lab.
3/8	Cooperative Project IV	Blackboard quiz. Notebook pages and weekly summary at end of lab.
3/15	No Lab	Spring Break
3/22	Cooperative Project V	Project IV report due. Read Project V notes, Blackboard quiz. Notebook pages and weekly summary at end of lab.
3/29	Cooperative Project V	Blackboard quiz. Notebook pages and weekly summary at end of lab.
4/5	Cooperative Project VI	Read Project V notes, Blackboard quiz. Notebook pages and weekly summary at end of lab.
4/12	Cooperative Project VI	Blackboard quiz. Notebook pages and weekly summary at end of lab.
4/19	Cooperative Project V- Presentations Skills Exam Practice Lab Check-Out	Project V presentation
4/27	Final Exam, Wednesday at 11:30 am	Project VI report

This is a tentative schedule and is subject to change.

**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