

# PRINCIPLES OF CHEMISTRY LAB I

CHEM 1215

Fall 2023

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<b>Instructor:</b>	Matthew Rowley	<b>Office Hours:</b>	MWRF 10:00 am – 11:00 am
<b>Telephone:</b>	(435) 586-7875		T 1:00 pm – 2:00 pm
<b>Email:</b>	matthewrowley1@suu.edu	<b>Office:</b>	SC-220

Please include the course number in the subject line of all correspondence.

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## Tentative Schedule

We will meet in room 208 of the Skaggs Center for Health & Molecular Sciences (SCA)

Section 03 will meet on Tuesdays from 8:00-10:50

Section 06 will meet on Thursdays from 11:00-1:50

**Week 1: Aug 28 – Sept. 1**

No lab this week

**Week 2: Sept 4 – Sept. 8**

Check-in and Safety in the Laboratory

**Week 3: Sept. 11 – Sept. 15**

Measurement

**Week 4: Sept. 18 – Sept. 22**

Nomenclature and Formulas

(Note that the nomenclature lab is one you can do at home, but formulas will be done in the lab)

**Week 5: Sept. 25 – Sept. 29**

Hydrates

**Week 6: Oct. 2 – Oct. 6**

Limiting Reactant and % Copper

**Week 7: Oct. 9 – Oct. 13**

Spectrophotometry

**Week 8: Oct. 16 – Oct. 20**

No lab this week (Fall Break)

**Week 9: Oct. 23 – Oct. 27**

Calorimetry

**Week 10: Oct. 30 – Nov. 3**

Gas Laws

**Week 11: Nov. 6 – Nov. 10**

Spectroscopy

**Week 12: Nov. 13 – Nov. 17**

Chemical Reactions of Metals

**Week 13: Nov. 20 – Nov. 24**

No lab this week (Thanksgiving Break)

**Week 14: Nov. 27 – Dec. 1**

Reactivity of Halogens and Molecular Geometry

(Note that the geometry lab is one you can do at home, but halogens will be done in the lab)

**Week 15: Dec. 4 – Dec. 8**

Lab Checkout and Final Exam – Come as normally scheduled for administration of the final exam. Bring a calculator and any writing utensil (or two).

**Finals Week**

No Final – You took it last week!