

# PRINCIPLES OF CHEMISTRY LAB I

CHEM 1215

Fall 2022

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<b>Instructor:</b>	Matthew Rowley	<b>Office Hours:</b>	MWF 10:00 am – 11:00 am
<b>Telephone:</b>	(435) 586-7875		TR 1:00 pm – 2:00 pm
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Please include the course number in the subject line of all correspondence.

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## Tentative Schedule

We will meet on Thursdays from 10:00–12:50 in room 208 of the Skaggs Center for Health & Molecular Sciences (SCA)

### Week 1: Sept. 1

No lab this week

### Week 2: Sept. 8

Check-in and Safety in the Laboratory

### Week 3: Sept. 15

Measurement

### Week 4: Sept. 22

Nomenclature and Formulas (Note that this lab is one you can do at home)

### Week 5: Sept. 29

Hydrates

### Week 6: Oct. 6

Limiting Reactant and % Copper

### Week 7: Oct. 13

Spectrophotometry

### Week 8: Oct. 20

No lab this week (Fall Break)

**Week 9: Oct. 27**

Calorimetry

**Week 10: Nov. 3**

Gas Laws

**Week 11: Nov. 10**

Spectroscopy

**Week 12: Nov. 17**

Chemical Reactions of Metals

**Week 13: Nov. 24**

No lab this week (Thanksgiving Break)

**Week 14: 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 lab)

**Week 15: 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!