

## COURSE INTRODUCTION, SCHEDULE, AND GENERAL INFORMATION

Dan Morris, Ph.D.  
office: Moench FL102 (phone 8314)

email: [morris@rose-hulman.edu](mailto:morris@rose-hulman.edu)

Ross Weatherman, Ph.D.  
office: Moench FL 108 (phone: 8718)

email: [weatherm@rose-hulman.edu](mailto:weatherm@rose-hulman.edu)

### Required Material

- ❑ **Laboratory Manual:** Cengage Learning, *General Chemistry Lab Manual*. This is a custom-made lab manual that is only purchased at the Bookstore.
- ❑ **Safety goggles:** Safety goggles can be purchased in the school bookstore. You must have safety goggles to participate in laboratory.
- ❑ **Laboratory Notebook:** Chemistry Laboratory Composition Notebook, 8x10. This notebook must be bound. Previous lab notebooks from other courses are OK to use provided that there is sufficient space.

### Grading:

| Point Breakdown |            | low boundary for specific grade |     |    |     |
|-----------------|------------|---------------------------------|-----|----|-----|
| Pre-Lab Quizzes | 45 points  | A                               | 243 | C  | 189 |
| Lab Worksheets  | 225 points | B+                              | 236 | D+ | 182 |
| total           | 270 points | B                               | 216 | D  | 162 |
|                 |            | C+                              | 209 |    |     |

### Course Information

- This lab will actively use the Moodle course software. The schedule is posted on Moodle.
- Missing more than TWO lab sessions may result in a failing grade subject to instructor discretion. Laboratory sessions MUST BE made up during the schedule. That is, if you miss a lab during Week 3, then you MUST reschedule a make-up lab with an instructor in another section during Week 3
- Pre-lab preparation: Most labs will require pre-lab preparation. This will include online videos for you to watch and online quizzes that must be passed before the lab can be started. These short videos will introduce you to various aspects of the week's lab and should be watched before taking the online quiz. In addition, some sort of protocol must be written in the lab notebook before starting the labs. This means you must transcribe your protocols or have some sort of flow chart in the lab manual before coming to lab. If a worksheet is to be brought with you to lab, it will indicated on the Moodle page for that week.

- **Laboratory Reports:** Laboratory reports/assignments/write-ups will be discussed on the day of lab and a due date will follow the assignment. The information regarding lab reports, grading rubrics, and additional assignments will be posted on the lab section Moodle page
- **Participation/Attitude in Laboratory:** Cleanliness and safe practices are required in the lab. Ask the instructor if you are unsure about how to do something or if you do not understand the reason for a procedure. Think about the chemistry that is happening in each step of an experiment. Anticipate outcomes with special attention to safety issues. Thorough and efficient operation in the lab is expected.
- **Safety:** All safety rules must be followed at all times. Failure to comply will result in immediate expulsion from the lab. In some cases, a grade penalty will be accrued for failure to follow safety rules. Specific safety issues will be addressed in detail the day of lab. All accidents and injuries, no matter how minor, must be immediately reported to the instructor.

### **Use of Technology in the Classroom**

You will be notified in advance when the use of laptops in the laboratory is needed.

### **Academic and Professional Integrity**

The methods used in this course presuppose that students will uphold the highest standards of professional and academic integrity. Definitions and punishments for academic misconduct are described in the Student handbook

### **Disability Accommodation**

If you require disability accommodations, please contact Student Accessibility Services for more information at HMU 156, phone 812-877-8040, or email [eaton1@rose-hulman.edu](mailto:eaton1@rose-hulman.edu), or contact the Learning Center (contact by phone: (812) 877-8876, Campus mail: box # 82, and Email: [learningcenter@rose-hulman.edu](mailto:learningcenter@rose-hulman.edu)) to make initial arrangements and then contact the instructor. Please note that it is the student's responsibility to request any approved, documented academic accommodations (such as extra time) at least three days in advance of exams. Exams taken in the Learning Center must be taken the same day as the exam or earlier.