Syllabus

Instructor
- Orion B. Berryman, Chem 207, orion.berryman@umontana.edu
  - Office hours: by appointment

Teaching assistants
- McKenna Wendt, mckenna.wendt@umconnect.umt.edu
  - Section 1
  - Office hours Thursdays 9:30–10:30 am (via zoom)
  - https://umontana.zoom.us/j/97785795412?pwd=N0VvT0ExTGGoSU0V5cDh0MGlWMXFPZz09
    - Meeting ID: 977 8579 5412
    - Passcode: 139510

- Eric John, eric.john@umconnect.umt.edu
  - Section 2
  - Office hours Tuesdays 8:00–9:00 am (via zoom)
  - https://umontana.zoom.us/j/91828718989?pwd=SzFpL0V3eHVvczErWkpra28zNkFODz09
    - Meeting ID: 918 2871 8989
    - Passcode: 117760

- Jiyu Sun, jiyu.sun@umontana.edu
  - Sections 3 and 6
  - Office hours Tuesdays 9:00–10:00 am (via zoom)
  - https://umontana.zoom.us/j/2778445030
    - Meeting ID: 277 844 5030

- Yan Li, yan1.li@umconnect.umt.edu
  - Sections 4, and 5
  - Office hours Fridays 1:00–2:00 pm (Chemistry 218):

Purpose
- Perform standard organic chemical reactions
- Use basic chemical analysis techniques
- Develop a knowledge and understanding of the world at the molecular level

Requisites
- One semester of a 100-level chemistry lab course (or equivalent)
- CHMY 221 is a co-requisite

Requirements
- A bound notebook of any type
- Splash-protection safety goggles

Optional reading
Format

- Each section has two hours of class twice a week
- A mini-lecture on procedures, methods, and safety will occur in lab before the start of each class
- Class time will be spent in the laboratories located in Clapp building (CHCB) 213 or 217

Evaluation

- Your grade will be based on seven lab reports and pre- and post-lab Moodle quizzes
- Point distributions and percentages of total points for grades are:

<table>
<thead>
<tr>
<th>Point breakdown</th>
<th>Points</th>
<th>% of total points</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 Lab reports @ 70 points each</td>
<td>490</td>
<td>90 %–100 %</td>
<td>A-, A</td>
</tr>
<tr>
<td>7 Moodle pre-lab quizzes @ 15 points each</td>
<td>105</td>
<td>80 %–89 %</td>
<td>B-, B, B+</td>
</tr>
<tr>
<td>7 Moodle post-lab quizzes @15 points each</td>
<td>105</td>
<td>70 %–79 %</td>
<td>C-, C, C+</td>
</tr>
<tr>
<td>In-lab participation for 7 labs @ 15 points each lab</td>
<td>105</td>
<td>60 %–69 %</td>
<td>D-, D, D+</td>
</tr>
<tr>
<td>Pre-lab notes for 7 labs @ 10 points each</td>
<td>70</td>
<td>0 %–59 %</td>
<td>F</td>
</tr>
<tr>
<td>In-lab notes 7 labs @ 10 points each</td>
<td>70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>945</td>
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</tbody>
</table>

Disabilities

- Any student with a disability that may hinder a full demonstration of their abilities in this course should contact Prof. Berryman during the first week of classes to discuss accommodations necessary to ensure full participation and facilitate your educational opportunities

Legal notice

- The course syllabus and other documents pertaining to grading and scheduling are not a contract; they are tentative outlines for the course
- Changes may be made during the semester at the discretion of Prof. Berryman

Academic misconduct

- All students must practice academic honesty
- Academic misconduct is subject to an academic penalty by the course instructor and a disciplinary sanction by the University of Montana
- All students must be familiar with the Student Conduct Code

Safety

- Mask use is required within the lab
- Each student is provided with a cleaning kit. The expectation is that students will clean their personal work space when they arrive for class, and before they leave the lab
- The labs may have one-way entrances / exits to minimize crowding
- Students should not congregating outside the labs before and after class
- Specific space arrangements will be used to ensure social distancing and support contact tracing
- Class attendance will be recorded to support contact tracing efforts
- Drinking liquids and eating food is not allowed within the lab
- Stay home if you feel sick and/or if exhibiting COVID-19 symptoms and contact Curry Health Center at (406) 243-4330
- UM Coronavirus Website: [https://www.umt.edu/coronavirus](https://www.umt.edu/coronavirus)
- Please remain vigilant outside the classroom in mitigating the spread of COVID-19
Sherlock Holmes—his limits

1. Knowledge of Literature.—Nil.

2. Philosophy.—Nil.

3. Astronomy.—Nil.

4. Politics.—Feeble.


6. Knowledge of Geology.—Practical, but limited. Tells at a glance different soils from each other. After walks has [22] shown me splashes upon his trousers, and told me by their colour and consistence in what part of London he had received them.


8. Anatomy.—Accurate, but unsystematic.

9. Sensational Literature.—Immense. He appears to know every detail of every horror perpetrated in the century.

10. Plays the violin well.

11. Is an expert singlestick player, boxer, and swordsman.

12. Has a good practical knowledge of British law.

—Dr. Watson describing his friend’s abilities, from A Study in Scarlet, Sir Arthur Conan Doyle