

**CHM 3400L**  
**Fundamentals of Physical Chemistry Laboratory**  
**Laboratory Schedule**  
**Monday 7:00pm to 10:00pm**

| Date       | Bromination<br>of acetone | Glucose<br>mutarotation | Vaporization<br>of water | Bomb<br>calorimeter | Due date |
|------------|---------------------------|-------------------------|--------------------------|---------------------|----------|
| 2/3, 2/10  | 1, 2, 3                   | 4, 5, 6                 | 7, 8, 9                  | 10, 11, 12          | 2/21     |
| 2/17, 3/2  | 4, 7, 10                  | 1, 8, 11                | 2, 5, 12                 | 3, 6, 9             | 3/13     |
| 3/9, 3/16  | 5, 9, 11                  | 3, 7, 12                | 1, 6, 10                 | 2, 4, 8             | 3/27     |
| 3/23, 3/30 | 6, 8, 12                  | 2, 9, 10                | 3, 4, 11                 | 1, 5, 7             | 4/10     |

The due date for the error analysis homework problem set is Friday, February 7<sup>th</sup> (by 5:00 pm, in N-32 mailbox)

|                         |                    |                             |
|-------------------------|--------------------|-----------------------------|
| 1 NORIEGA, Hugo         | 5 PLAZA, Fabiola   | 9 GUERRIER, Jenny           |
| 2 MORELUND, Paulina     | 6 LOPEZ, Daniela   | 10 VALENTIN-TORRES, Donovan |
| 3 RODRIGUEZ-ALBA, Noemi | 7 JOSIL, Sophia    | 11 RIAZ, Adil               |
| 4 ACEVEDO, Julie        | 8 KENNEDY, Krystal | 12 PEREZ-GONZALEZ, Naylin   |

Lab reports are due by 5:00 pm on the due date listed above. The reports can be turned in to your TA in class, or in her mailbox, or in the class mailbox (N-32). Reports must be hard copies (no email submissions). Late lab reports will be penalized.

**NOTES:**

1) You are assigned four experiments in the above schedule. You need only attend the laboratory on the days when you are doing experiments. If you finish an experiment in the first week, you do not need to attend the second week.

2) You must bring eye protection (safety glasses or safety goggles) with you to the laboratory and use them while in the laboratory. You are also expected to dress in an appropriate manner for laboratory work. You are expected to know the location of safety equipment (fire extinguishers, eyewash, shower) as well as the location of the telephone in the laboratory, and the emergency exits.

3) You must bring a bound notebook with you to record experimental information.