

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

Date	Bromination of acetone	Glucose mutarotation	Vaporization of water	Bomb calorimeter	Due date
9/13	4, 7	1, 8	3, 13	9, 10, 11, 12	9/28
9/20	6, 15	5, 16	2, 14	9, 10, 11, 12	10/5
9/27		7, 10	12, 15	1, 2, 3, 4	10/12
10/4	5, 13	9, 14	11, 16	1, 2, 3, 4	10/19
10/11	3, 14	2, 15	1, 10	5, 6, 7, 8	10/26
10/18	9, 16	11, 13		5, 6, 7, 8	11/2
10/25	1, 11	4, 12	6, 7	13, 14, 15, 16	11/9
11/1	8, 10		5, 9	13, 14, 15, 16	11/16
11/8	2, 12	3, 6	4, 8		11/30

1 BALLEEN, Jose	5 KIM, Susan	9 OVALLES, Alexa	13 ORTIZ-LOPEZ, Natalia
2 MANCILLA, Mary	6 ALSADAH, Summer	10 SMITH, Jessabel	14 MILDORT, Bryan
3 GUTIERREZ, Gabriela	7 CHARLES, Rebecca	11 CONTRERAS, Natalie	15 MOHAMMED, Thurayya
4 SUMAN, Given	8 GALEANO, Lina	12 VILA, John	16 BLANCO-HERRERO, Kevin

You are scheduled to work for one week on the bromination of acetone, glucose mutarotation, and vaporization of water experiments. For the bomb calorimeter experiment, you are scheduled to work for two weeks. For the bomb calorimeter, the due date is the second date listed in the schedule (so the due date is 10/5 for the group working on 9/13 and 9/20).

Lab reports are due by 5:00 pm on the due date listed above. The reports can be turned in to your TA, or in the class mailbox, (3<sup>rd</sup> floor North mailbox #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 assigned to do experiments.

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.