

## CH 101/105, FALL SEMESTER, 2018: LABORATORY SCHEDULE

There is one three-hour laboratory each week. Lab sessions are in SCI 268 on Monday - Friday. **The first laboratory session is on Monday, September 17.** There will also be a laboratory lecture on Wednesday at 3:35-4:25 pm in SCI 109, and Thursday 11:15am-12:05pm, Friday 2:30-3:20pm (**both in MOR 101**). **Pre-lab lectures start second week of the semester, on Wednesday, September 12th.** Most reports are due one week after the completion of the lab work. For more details see the schedule of the labs given below. **One lab with the lowest score (or one missed lab) will be dropped.**

Week #	DATES	LAB LECTURE	LAB EXPERIMENT	Due date and the format of the lab report.
1	9/4 – 7	No lab lectures	No labs	-----
2	9/10 – 14	Lab lecture #1: exp. #1	No labs	-----
3	9/17 – 21	Lab lecture #2: exp. #2	Exp. #1: Measurement of atom and molecules in solids, liquid and gases.	<b>Full report</b> is due in a week in the lab
4	9/24 – 28	Lab lecture #3: exp. #3	Exp. #2: Chemical composition of inorganic salts.	<b>Full report</b> is due in a week in the lab
5	10/1 – 5	Lab lecture #4: exp. #4, part1	Exp. #3: Preparation of solutions.	Brief report is due <b>in two weeks in the lab</b>
6	10/9 – 12	<b>No lab lectures</b>	<b>No labs in SCI 268 (Monday 10/8 is a holiday, 10/9 – the substitute day)</b>	
7	10/15 – 19	Lab lecture #4: exp. #4, part 2	Exp #4: Qualitative analysis. Part 1.	<b>Bring data tables 1-5, pages 103, 104 and the flow chart for five ion separation ready for submission at your next lab class (10/22-26).</b>
8	10/22 – 26	Lab lecture #5: exp. #5, part. 1	Exp. #4: Qualitative analysis, Part 2	Brief lab report on exp. #4 is due <b>at the end of the lab class</b>
9	10/29– 11/2	Lab lecture #5: exp. #5, part. 2	Exp. #5: Thermochemistry, part 1: Calorimetry.	-----
10	11/5 – 9	Lab lecture #6: <b>Workshop on Spectroscopy and Energy of light.</b>	Exp. #5: Thermochemistry, part 2: Hess's law	<b>One brief lab report on both parts of exp. #5 is due in a week in the lab class</b>
11	11/12– 16	Lab lecture #7: exp. #7	Lab assignment #6: <b>In lab</b> post-test on Workshop "Spectroscopy and Energy of light". <b>Bring a calculator to the post-test.</b>	<b>Brief report #5 and #6 (workshop and post-test) are due at the post-rest in the lab</b>
12	11/19– 23	<b>Fall Recess 11/21 – 25. No labs and lab lectures 11/19-23.</b>		
13	11/26– 30	<b>No lab lectures</b>	Lab exp. #7: Lewis structure and molecular shapes.	<b>Brief lab report on exp. #7 is due at the end of the lab class</b>
14	12/3 – 7	<b>Lab exam review In all pre-labs</b>	<b>Make up labs in all lab sections</b>	
15	12/10	<b>CH101 Lab exam: Monday, December 10, 6:30-8:15pm (Exam duration may be shortened)</b>		