Chemistry 104: Summary of Key Information Fall 2017

See "Getting Started" (Module 0) on your CHEM 104 Canvas website for more details.

How to get help:

1. Visit the Help Desk in CHEM 1201: Free drop-in tutoring provided by current CHEM 103 TA/FAs.
   - Mondays, from 10:50 am – 12:55 pm and 2:25 pm – 5:35 pm
   - Tuesdays, from 8:25 am – 9:25am, 10:50 am – 12:55 pm, and 2:25 pm – 3:25 pm
   - Wednesdays, from 10:50 am – 2:00 pm
   - Thursdays, from 8:25 am – 9:25am, 10:50 am – 12:55 pm, and 2:25 pm – 3:25 pm
   - Fridays, from 8:45am – 11:45 am
2. Use Piazza for all course content questions.
   - Link to Piazza page is on Canvas homepage.
   - Search before posting a new question.
3. Attend Dr. Zelewski's office hours in CHEM 2126.
   - Mondays, from 2:30 pm – 3:30 pm
   - Tuesdays, from 2:30 pm – 4:00 pm
   - Thursdays, from 2:30 pm – 4:00 pm

Materials:

1. *Chemistry, The Molecular Science (5th Edition)*
2. *Chemistry 104 Laboratory Manual, Fall 2017* and carbonless notebook
3. Safety goggles
4. Calculator capable of calculating square roots, logarithms, and exponential operations. (*Calculators prohibited on ACT or SAT are also prohibited here.)
5. Top Hat software
6. OWL v2 account

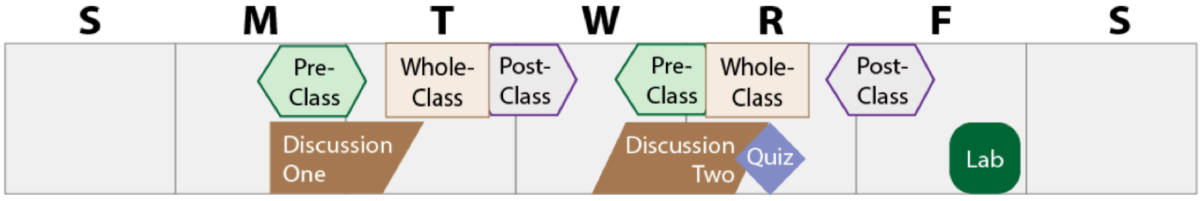
Course Components:

Activity	Percent of Final Grade
Three 75-minute exams	33%
Laboratory	20%
Pre-Class Activities	7%
Post-Class (OWL) Activities	10%
Quizzes taken in discussion section	7%
ConcepTest (TopHat) Activities	3%
Cumulative Final Exam	20%
Total	***100%***

At the end of the semester, your <u>final grade</u> will be based on:

- 3 of 3 exams. No exams are dropped and no make-up exams allowed.
- All labs. No labs are dropped and no make-up labs allowed.
- 90% Completion of pre-class activities. 10% will be dropped.
- 90% Completion of post-class (OWL) activities. 10% will be dropped.
- Drop your one lowest quiz score.
- 80% of ConcepTest (TopHat) activities must have the *correct answer*. 20% will be dropped.
- Final exam

Sample Week:



Note: The date of your Whole Class Meetings, Lab, Discussion Section, and weekly quiz will depend on your individual schedule. See your TA/FA and your Course Canvas site for details.

Chemistry 104-002 Fall 2017, Dr. Zelewski				
Week		**Topic**	**Quiz**	**Lab**
1	4-Sep	T *NO CLASSES* R Module 1: Fundamental Organic Chemistry	NO QUIZ	NO LAB
2	11-Sep	T Module 1: Fundamental Organic Chemistry R Module 1: Fundamental Organic Chemistry	Quiz 1	Molecular Structure
3	18-Sep	T Module 2: Chemical Kinetics R Module 2: Chemical Kinetics	Quiz 2	Synthesis of Biodiesel
4	25-Sep	T Module 2: Chemical Kinetics R Module 2: Chemical Kinetics	Quiz 3	Kinetics 1
5	2-Oct	**T EXAM 1 (October 3)** R Module 3: Chemical Equilibrium	NO QUIZ	NO LAB
6	9-Oct	T Module 3: Chemical Equilibrium R Module 3: Chemical Equilibrium	Quiz 4	Kinetics 2
7	16-Oct	T Module 4: Acids and Bases R Module 4: Acids and Bases	Quiz 5	Chemical Equilibrium & LeChatelier's Principle
8	23-Oct	T Module 4: Acids and Bases **R EXAM 2 (October 26)**	NO QUIZ	NO LAB
9	30-Oct	T Module 5: Aqueous Equilibria R Module 5: Aqueous Equilibria	NO QUIZ	Esters and Amides
10	6-Nov	T Module 5: Aqueous Equilibria R Module 6: Thermodynamics	Quiz 6	Acid and Base Solutions
11	13-Nov	T Module 6: Thermodynamics R Module 6: Thermodynamics	Quiz 7	Titrations
12	20-Nov	**T EXAM 3 (November 21)** R *Thanksgiving Recess -- No Classes*	NO QUIZ	NO LAB
13	27-Nov	T Module 7: Electrochemistry R Module 7: Electrochemistry	NO QUIZ	Chemical Equilibrium & Thermodyamics
14	4-Dec	T Module 7: Electrochemistry R Module 8: Nuclear Chemistry	Quiz 8	Electrochemical Cells
15	11-Dec	T Module 8: Nuclear Chemistry R *NO CLASSES*	Quiz 9	NO LAB
	18-Dec	**M FINAL EXAM 12:25 PM - 2:25 PM (Fixed Date)**		