

## CHEMISTRY 51 TENTATIVE SCHEDULE - Fall 2023 (Revised 8/29/23) - Prof. Golestaneh

Wk	Date	Testing	Lecture	Lab (may also be used for lecture/problem solving)
1	8/29	T	Solutions (concentrations, ions, reactions, ch14)	Lab Information, Safety and Check in
	8/31	Th	Solutions (concentrations, ions, reactions, ch14)	Entrance Exam
2	9/5	T	Coordination Compounds (ch26)	Lab: Solution Conductivity & Analysis
	9/7	Th	Coordination Compounds (ch26)	Lab: Solution Conductivity & Analysis
3	9/12	T	Exam 1	Exam 1 (Ch 14,26)/Quiz 1 Due
	9/14	Th		Chemical Equilibrium (ch16)
4	9/19	T	Exam feedback	Lab: Electrolytes & Conductivity Analysis
	9/21	Th	Chemical Equilibrium (ch16)	Lab: Electrolytes & Conductivity Analysis
5	9/26	T	Chemical Equilibrium (ch16)	Data Analysis/Report
	9/28	Th	Acids and Bases (ch17)	Acids and Bases (ch17)
6	10/3	T	Acids and Bases (ch17)	Lab: Equilibrium of a metal complex ion
	10/5	Th	Acids and Bases (ch17)	Lab: Equilibrium of a metal complex ion
7	10/10	T	Acids and Bases (ch17)	Data Analysis/Report
	10/12	Th	Aqueous Ionic Equilibrium (ch18)	Lab: pH and Hydrolysis of Salt Solutions
8	10/17	T	Exam 2	Exam 2 (Ch 16,17)/Quiz 2 Due
	10/19	Th		Aqueous Ionic Equilibrium (ch18)
9	10/24	T	Exam feedback	Lab: Properties and Preparation of Buffers
	10/26	Th	Aqueous Ionic Equilibrium (ch18)	Lab: Properties and Preparation of Buffers
10	10/31	T	Free Energy and Thermodynamics (ch19)	Data Analysis/Report
	11/2	Th	Last week to drop	Free Energy and Thermodynamics (ch19)
11	11/7	T	Free Energy and Thermodynamics (ch19)	Lab: Titration
	11/9	Th	Electrochemistry (ch20)	Data Analysis/Report
12	11/14	T	Exam 3	Exam 3 (Ch 18,19)/Quiz 3 Due
	11/16	Th		Electrochemistry (ch20)
13	11/21	T	Exam feedback	Lab: Electrochemistry & Cell Potentials
	11/23	Th	Holiday	Holiday
14	11/28	T	Chemical Kinetics (ch15)	Lab: Kinetics of Crystal Violet and Hydroxide Ion
	11/30	Th	Chemical Kinetics (ch15)	Lab: Kinetics of Crystal Violet and Hydroxide Ion
15	12/5	T	Exam 4	Exam 4 (Ch 20,15)/Quiz 4 Due
	12/7	Th		Exam feedback
16			Final Exam	Lec Final (Th 12/14, 7:30-10:00 am in 7-1201) Lab Final (T 12/12, 10:30-1:00 pm in 60-3628)

NOTE: There may be an SLO assessment this semester which will be announced a week before the planned date.

### Important

- 1 This schedule is tentative and may change. A new revision may be announced in lecture and will be posted on Chemvision.net
- 2 Instructor may use a portion of lab time to cover lecture topics.
- 3 Your attendance to every lecture and lab session is required.
- 4 Lab reports are due on the dates shown on Canvas. Late reports lose 20% credit (per day) after the due date.
- 5 Do not share your lab data with other students unless authorized by your instructor.