

CHEM 1010 Introductory Chemistry – Spring 2018

Instructor: Kayla Lee

Office Hours: 9:30 -10:20 M W or by appointment

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Course Duration: Jan 8-Apr 27, Final Exam: May 4, 9:30 am
no class Jan15, Feb 19 (attend Feb 20), Mar 5-9

Class Meeting Time: M, W, F 8:30 – 9:20 pm 3 credit hours

Course Description: There are no prerequisite courses for Chemistry 1010. This course is designed for students that are non-chemistry majors. The focus of the course will be on having students; (1) learn the basic language of chemistry, (2) understand the submicroscopic view of substances, and (3) be able to use the periodic table as a tool. Topics addressed will be

mass, volume, density

ionic bonding

covalent bonding

energy, temperature

simple molecular structures

acids and bases

atomic structure

environmental issues

intermolecular interactions

radioactivity

simple chemical reactions

organic compounds

Exam Dates: Jan 29, Feb 16, Mar 16, Apr 6-9 (testing center)

exams will not be rescheduled, contact instructor immediately if emergency occurs

exams will be 27 multiple choice questions, scantrons provided by instructor

exams will be in the classroom (except Exam 4). The final will begin at 9:30 am

Final Exam: May 4 at 9:30 am in the classroom, **final exam will be comprehensive**

final will consist of 5-6 questions taken from exams 1-4, and material from exam 5

Chapter Starter Questions:

Due each week on Saturdays (except exam weeks). Available on CANVAS one week ahead.

Not a quiz. You may use your book, notes, classmates, etc.

Starter questions will NOT be available after due date.

(take notes or copy them if you want to study them for the exams)

Grading: I will calculate your grade both ways and give you the highest grade

All Exams Option:

5 exams (5 x 54 pts each) = 270 points

Final exam (25 questions) 50 points

Total: 320 points

Dropped Exam Option

4 best exam scores (4 x 54 pts)= 216 points

Starter Questions (11 x 5 pts)~ 54 points

Final Exam 50 points

Total: 320 points

Exam Preparation:

- Attend Lecture
- Exam Sample Questions
- Terms and Reading Check
- Starter Questions
- Book Think and ... Questions
- SI sessions

Minimum percent required for grades:

A 92%

B+ 84%

C+ 71%

D+ 56%

A- 88%

B 80%

C 64%

D 50%

B- 76%

C- 60%

Course Management: All supplemental materials for the class, syllabus, notes, and related material will be available on CANVAS.

Required Text: “*Conceptual Chemistry*” custom edition by John Suchocki (ISBN 978-1-269-21341-7) taken from the 5th edition (ISBN 978-0-321-80441-9)

Required Supplies: Simple Scientific calculator (no cell phone calculators)

Student Contact: Students are responsible to keep their email address current in ACCESS as this is the University’s official form of communication

Qualified students with disabilities may be eligible for reasonable accommodations. All accommodations are coordinated through the Disability Resource Center (DRC) in Room 101 of the University Inn, 797-2444 voice, 797-0740 TTY. Please contact the DRC as early in the semester as possible. Alternate format materials (Braille, large print or digital) are available with advance notice.

Lecture schedule is approximate. We will adjust slightly depending on class pace.

Exam dates will not change. Exam content will be specified before each exam.

Lecture Schedule					
Date	Chapter	Date	Chapter	Date	Chapter
Jan 8	Introduction, 1	Feb 19	No class	Apr 2	10
Jan 10	1	Feb 20	5	Apr 4	10
Jan 12	2	Feb 21	6	Apr 6	Ex 4 (testing center)
	Ch1 SQ	Feb 23	6 Ch5 SQ		Ch10 SQ
Jan 15	No class	Feb 26	6	Apr 9	Ex 4 (testing center)
Jan 16	2	Feb 28	6	Apr 11	11
Jan 19	2	Mar 2	7	Apr 13	11
	Ch1, 2 SQ		Ch6 SQ		Ch11 SQ
Jan 22	3	Mar 5		Apr 16	11
Jan 24	3	Mar 7	Spring Break	Apr 18	12
Jan 26	3	Mar 9		Apr 20	12
	Ch3 SQ				Ch12 SQ
Jan 29	Ex 1	Mar 12	7	Apr 23	12
Jan 31	4	Mar 14	7	Apr 25	13
Feb 2	4	Mar 16	Ex 3	Apr 27	
Feb 5	4	Mar 19	7		
Feb 7	4	Mar 21	7, 9		
Feb 9	5	Mar 23	9	May 4	Ex 5 + Final Exam 9:30am
	Ch4 SQ		Ch7 SQ		
Feb 12	5	Mar 26	9		
Feb 14	5	Mar 28	9, 10		
Feb 16	Ex 2	Mar 30	10		
			Ch9 SQ		

SI Leader: Ashley Stevens
SI Sessions:

Email: