CHEM 130
General Chemistry I, Fall 2015

Lectures: MWF 2:00 – 2:50 PM, 3139 Wescoe Hall

Instructor: Professor Mario Rivera, 220E MRB

Office Hours: by appointment

Laboratory Director: Dr. Roderick Black, 2021 Malott, 864-3481 (rsblack@ku.edu)

Special Teaching Assistant: Kelci Schilly

TA Office Hours: TBA

Course e-mail address: Chem130mr@ku.edu


ISBN for custom, loose leaf book with Mastering Chemistry access (available at bookstore!)
9781323421406

Online Homework tool: MasteringChemistry (www.masteringchemistry.com). For registration you will need the following:

1) Log into your Blackboard for the course
2) Clink on Pearson Mastering Chemistry on the left menu
3) Please use your KU email address as your username. (x123y456@ku.edu)
4) Access Code: available at the bookstore with your textbook, or as standalone access code or can be purchased through the Pearson site.

Other nuts and bolts:

Handouts and lecture material:

Throughout the semester, there will be class information available on Blackboard. Check Blackboard regularly for course related announcements. Lecture slides and worksheets will be posted on this site. The lecture slides are brief, and they may not contain everything you will need to know. Most of the material will be covered in detail in class only. It is very important that you develop good note taking skills and attend lectures regularly to be successful in this course.
Use of cellphones

As a class policy, you are advised not to use cell phones while the class is in progress. Students must refrain from talking to one another during the lecture to avoid distractions. Active participation in lecture-related activities is strongly encouraged.

E-mailing the instructor:

Emails sent to the instructor’s personal ID will not be addressed or replied to. Only the course email ID shall be used for all correspondences. Emails are to be used for administrative purposes only. If you have doubts about the material or need additional explanation of the concepts or problems, you are advised to meet the instructor or the TA before/after class, during office hours or make an appointment.

Grading:

- Four “Hour” Exams: 400 points
- Class Preparation and Participation: 80 points
- Homework (weekly): 80 points
- Lab: 240 points

TOTAL: 800 points

Examination Schedule:

- Exam 1 (100 points): September 15, 8:00-10:00 PM, 110 Budig Hall
- Exam 2 (100 points): October 13, 8:00-10:00 PM, 110 Budig Hall
- Exam 3 (100 points): November 10, 8:00-10:00 PM, 110 Budig Hall
- Exam 4 (100 points): December 15, 7:30-9:30 PM, Room TBA

Grading Scale:

- 90% - 100%: A
- 80% - 89%: B
- 70% - 79%: C
- 60% - 69%: D
- 59% and below: F

Notes on Examinations:

1. All examination will be taken as scheduled. There are no make-up examinations.
2. Excused absences consist of confirmed illness, unavoidable emergencies, etc. Excused absences are to be cleared in advance if such clearance is possible. Legitimate reasons include only University related events, other conflicting classes or exams, medical crisis or religious holidays. Reasons that do not fall under the above mentioned categories will not be excused under any circumstances.
3. Absences that are not excused will result in exam scores of zero.

4. Topics to be covered in the hour examinations will be announced during the course of the semester. The examinations will test your knowledge of the material and your ability to use the information to solve problems.

5. No changes in exam scores will be considered later than one week after the scores are posted.

6. Programmable calculators are not allowed. You should bring to each of the exams a basic scientific calculator. Use of programmable calculators during exams will result in a grade of zero.

Note on test grades: The exam scantrons are machine-graded, and the machine is 100% accurate. Because of this, we will not consider requests for re-grading of the scantron sheets. Make sure that the answers you mark on the scantron sheets are the answers you wish to have graded.

Class Participation (clikers):

Clickers (i-Clicker2) will be used in class to gauge class attendance and to give everyone an opportunity to participate in class.

Clicker scores will contribute 80 points to the total number of points possible (see above). Because the number of questions is unknown, your clicker score will be normalized at the end of the semester. The 5 sessions with the lowest percentage score will be dropped to handle various situations, like the bus running late, dead batteries, excused absences, etc.

Each question will be scored out of 3 points based on participation (2 points) and accuracy (1 point). There may be more than one question in a session (class period). No written responses or responses from the i-Clicker GO mobile application will be accepted.

Normalization of points will be carried out as follows: if you earned 78 of 120 points, your clicker total points at the end of the semester will be 80 x (78/120) = 52.7 This will be rounded up to 53, as per normal rounding rules.

Clicker Registration: Register your i-Clicker2 via your Blackboard account. Go to the CHEM 130 page in Blackboard. Click the link at the bottom of the left panel that says “i-Clicker2 registration.” In the new window, enter your i-Clicker2 registration number, found on the back of the clicker below the bar code, or found on the clicker window when the clicker is turned on. Do NOT register through iclicker.com, as this does not allow us to match your responses with your name in Blackboard. The deadline for registering your i-Clicker2 on Blackboard is Wednesday August 24, BEFORE the beginning of class.

Cheating: Bringing or using a fellow student’s i-Clicker to class is cheating and a violation of the University Honor Code. Anyone caught with a remote other than your own, or having votes in a class when not in attendance, will forfeit all clicker points and face additional disciplinary action.

Laboratory:

Learning the proper laboratory skills is essential to being a successful chemist. You need to go to each lab prepared to do the assigned experiment. Read the experiment before you go to the laboratory and make sure you have some idea of what you need to do. Your laboratory Teaching Assistant will help you throughout each experiment. See separate website sheet for additional
scheduling information. Students are required to pass an online safety examination before being allowed to participate in the laboratory experiments. More details will be given in class.

Laboratory Safety:

Follow the link to Safety Regulations for Chemistry Lab on the Chemistry Lab website, and review these Regulations often. Chemistry Department-approved **full-coverage goggles** must be worn at all times. If a student is found not wearing goggles at any time while laboratory work is being conducted anywhere in the room, this student will receive a warning or a grade penalty, and may be asked to leave the room. Laboratory students must wear **long pants**. It is not acceptable to wear shorts of any kind, Capri pants or intermediate-length pants of any kind, or skirts. Shoes must cover the entire foot. Open-toed shoes, open-heeled shoes, sandals, or shoes containing holes are not acceptable. (If a student's attire fails to meet these guidelines because of religious or cultural requirements, the student must contact the instructor in advance of the lab period.)

Additional resources:

**PLUS (Peer Led Undergraduate Supplements):** Peer led supplemental discussion sessions are coupled with interactive exercises that reinforce lecture materials in a small group setting. These sessions are specifically designed to bridge gaps between teaching and learning. PLUS is open to all students enrolled in the course, and those who regularly attend this free academic support activity perform better than the class average. Please come to any discussion that fits your schedule. The sessions are free!

**Academic Achievement and Access Center:** The Academic Achievement and Access Center (AAAC) is another on-campus resource available to you. They provide a number of services, including course-specific tutoring, supplemental instruction, and academic consultations. The website is [www.achievement.ku.edu](http://www.achievement.ku.edu), or you can phone (785) 864-4064.

Withdrawal Policy:

Several years ago the University adopted a new policy regarding the dropping of classes. Under this new policy, students will have far less time to drop a class. Dropped courses, however, will no longer affect a student’s grade point average. **Note the following deadlines:**

**September 12:** Last day to drop a class and not have it appear on your transcript.

**November 16:** Last day to withdraw or drop a course with a “W” in your transcript.

Notes on Academic Misconduct:

It is expected at the University of Kansas that students adhere to high standards of personal and scientific integrity. In scientific endeavors the same is also expected. Science cannot work without honest reporting of data and the proper attribution of authorship. The following statements are given as reminders of the expectations for this class and the labs:

"**Cheating, or the appearance thereof,** including giving or receiving help on an exam, looking at another student’s paper while taking an exam, falsifying exam papers, using unauthorized materials, notes, crib sheets, or the equivalent, etc., faking laboratory data, reporting other people’s results as your own, etc., are not acceptable and will be dealt with in accordance with published University regulations."
“Students who engage in disruptive behavior, including persistent refusal to observe boundaries defined by the instructor regarding inappropriate talking, discussions, and questions in the classroom or laboratory may be subject to discipline for non-academic misconduct for disruption of teaching or academic misconduct, as defined in the Code of Student Rights and Responsibilities (CSRR).”

It is perfectly OK - and strongly to be encouraged - to study and work problems with others outside of class and to discuss lab procedures, results and interpretations with others, both during and outside of lab. It is essential, however, that the data you report be yours and as you observed it and that all the write-ups are in your own words.

Recording of Lectures:

Video and audio recording of lectures and review sessions without the consent of the instructor is prohibited. On request, the instructor will usually grant permission for students to audio-tape lectures, on the condition that these audio tapes are only used as a study aid by the individual student making the recording. Unless explicit permission is obtained from the instructor, recordings of lectures and review sessions may not be modified and must not be transferred or transmitted to any other person, whether or not that person is enrolled in the course.

Students with Disabilities:

"The Academic Achievement and Access Center (AAAC) coordinate academic accommodations and services for all eligible KU students with disabilities. If you have a disability for which you wish to request accommodations and have not contacted the AAAC, please do so as soon as possible. They are located in 22 Strong Hall and can be reached at 785-864-4064 (V/TTY). Information about their services can be found at http://www.disability.ku.edu”

Please contact the AAAC privately in regard to your needs in this course.