

CHEM V01B: General Chemistry II

Fall 2015

Instructor: Malia Rose

E-mail/iMessage: mrose1@vcccd.edu; **Website:** <http://mrosechemistry.weebly.com>

Office: SCI-330, **Phone:** (805) 289.6242

Class Meetings: TR 12:30-1:45pm in SCI-222

Office Hours: MW 11:30am-1:30pm, TR 8am-9am, T 2-3pm or by appointment

Please feel free to stop by my office at any time as I am more than happy to help whenever I can. Let me know if you wish to set up an appointment for additional help. I am also very available via e-mail and text, even during off hours, so please contact me whenever you have questions or concerns!

Free peer tutoring is available at the LRC.

Required Materials: *Chemistry: The Central Science*, 13th Ed., by Brown and LeMay (copy on reserve)
Non-programmable scientific calculator (by the end of the first week of class)
Mastering Chemistry product key (for homework, Class Code: **MROSE1BF15**)

Prerequisites: CHEMV01A with grades of C's or better

Who should take this course? This course, when combined with ChemV01A, is a comprehensive study of all areas of chemistry. The purpose of this course is to prepare students for scientific fields with core knowledge necessary for physics, engineering, biology, medicine, and others. It is both challenging and demanding; you should anticipate attending every class and spending 10-12 hours a week outside lecture for study. Mastering chemistry is hands-on; the more you put in, the more you will get out.

By the end of this course you will be able to:

- 1.) Use kinetic data to formulate chemical mechanisms and analyze the results using thermodynamic arguments.
- 2.) Determine relative properties of elements using periodic trends and apply that knowledge to chemical systems.
- 3.) Use chemical concepts such as enthalpy, VSEPR theory, changes of state, and colligative properties.
- 4.) Apply chemical understandings to present-day issues and form educated questions and opinions.

See http://www.venturacollege.edu/faculty_staff/academic_resources/core_competencies/index.shtml

Attendance: Attendance is mandatory and will be taken every class period. Doing well in this course requires your initiative and involvement at all times. School policy states that students missing two weeks' worth of class will be dropped. If you are absent, it is your responsibility to catch up on what you have missed and make arrangements beforehand; class information will not be repeated. Absence is not a valid excuse for missing assignments and cannot be used to avoid late penalties or to make up exams.

Academic Integrity: Cheating on or plagiarizing any assignment or examination is strictly prohibited and will result in a zero for that assignment and further disciplinary measures taken. This includes, but is not limited to, talking or using notes, references, or prohibited electronic devices during exams and copying homework assignments from tutors or other students. Be mature; cheating is always unacceptable, no matter the circumstances, and will be dealt with severely.

Classroom Conduct: Common courtesy is required. This includes, but is not limited to, punctuality, turning off all electronic devices, and refraining from talking or other disruptive behavior during class.

Continuing these behaviors will lead to your removal from the classroom. Please let me know of any extenuating circumstances ahead of time that may affect your ability to participate in the class. You made the effort to be in class; you should get the most out of it – be mature!

Grading Policy: Grades are posted on D2L. Your grade in this course will be determined as follows:

Homework (best 14 of 15)	15 pts each for a total of	210 pts
Quizzes (best 5 of 6)	20 pts each for a total of	100 pts
Exams (best 3 of 4)	170 pts each for a total of	510 pts
Final Exam		<u>180 pts</u>
	Total Possible Points	1000 pts
<i>Tentative Points to Grade:</i>	1000 to 890 points earns an	A
	889 to 780 points earns a	B
	779 to 670 points earns a	C
	669 to 600 points earns a	D
	599 to 0 points earns a	F

Extra credit may appear as unexpected assignments, but should not be anticipated.

Homework: Assigned end-of-chapter questions are found online on the Mastering Chemistry website, available by the first class meeting and due at the beginning of class on the dates listed on the schedule. Late work can be turned in up to three calendar days past the original due date for a 10% penalty per day late only on those parts; any work done past three days late will receive an automatic zero (exception: HW #15). **Your lowest homework score will be dropped.** Homework is designed to help you study; take it seriously and work independently! These assignments are where your exam questions come from. Working with tutors or other students on homework sets is both acceptable and encouraged but simply copying down answers from a classmate or online is plagiarism and will be subject to disciplinary measures.

Quizzes: A quiz will be given during the first 10 minutes of class on the dates listed on the schedule. The question will be taken from the homework assignment due that week. **No late quizzes will be given** and tardy students will not be given extra time to complete it. **Your lowest quiz score will be dropped.** You will always be allowed, and often required, to bring a calculator for every question.

Exams: Exams will be given during the class period on the dates indicated on the schedule on two to three chapters' material. The questions will be a combination of homework and in-class examples as multiple choice, short answer, and/or calculations. **Your lowest test score will be dropped before your final grade is calculated at the end of the semester.** This is to account for any emergencies, accidents, or just a bad test day. Therefore, **no make-up or early exams will be given, no matter the reason.** You will always be allowed and required to bring a calculator for every exam; sharing calculators or using phones is not allowed. If you require alternative classroom or test accommodations, please contact me and the Educational Assistant Center at 654-6300 so that your needs may be met as soon as possible.

Final Exam: The final exam is cumulative and mandatory. It will cover all material discussed in class over the entire term. School policy dictates that it must be taken at the scheduled time during finals week. **Your final exam is Tuesday, December 15 from 1-3pm.**

A Final Note: This course is both demanding and difficult; chemistry is a very challenging subject. **Do not fall behind!** Every day is cumulative and builds upon the previous. Please never feel timid about asking for help; that really is the only way to do well. Use the many resources at your disposal between myself, your classmates, at VC, and online to help you master this rigorous but rewarding subject.