

Greensheet

Chemistry 1B General Chemistry
Instructor: Michael Lane

Winter 2026
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Chemistry 1B (and most other Chemistry classes) is a challenging course. I believe that you are all capable of passing this class. The barriers that I have observed over many years often include non-academic concerns. Some of these include work (yes, we all need money), relationships with friends & family (we all need friends and family as well), procrastination, etc. The list goes on. I am available during office hours to discuss both academic and non-academic challenges. The most common mistake that occurs is delaying any conversation past the point where recovery is possible.

Office Hours T/Th 2:30 – 4:00.; Faculty offices (2nd floor science bldg. i.e. the same level as our laboratory);

Required Text: Tro, Chemistry A Molecular Approach, 6th edition

Prerequisites: Chemistry 1A

This course is a descriptive course in general chemistry. **Knowledge of the algebraic rules applicable to exponents, logarithms and quadratic equations are especially important.** I will not review these algebra skills in class.

Calculus and Physics are not prerequisites. However, there are times when the chemistry is built upon these principles and students that have completed these courses may be better prepared.

Laboratory: You must receive a passing grade in the lab to receive a passing grade in the course.

Homework: You cannot expect to do well in this class without doing a significant number of problems. Problems similar to the homework will routinely show up on in class exams. Each chapter homework assignment is worth 15 pts. Homework does not need to be typed. However, illegible homework will not be graded. To be effective as a study aid, homework should be completed as soon as practical after I have lectured on the material. The deadlines represent a date far beyond when you should be completed it. Assignments submitted up to two days late will be assessed a 20% deduction. After two days, the Canvas assignment closes and no credit will be provided.

Exams/Quizzes: Three examinations are planned. None of the scores will be dropped. No make-up examinations will be given.

Grading: Midterms approximately 150 pts each (Total = ca. 450)
Final (comprehensive) approximately 225 pts
Laboratory approximately 350 pts
Homework approximately 100 pts

The grade for the course will be assigned as follows:

90-100% = A 87-89.9 = A- 84-86.9 = B+ 79-83.9 = B 76% - 78.9 = B-
72-75.9 = C+ 60-71.9 = C 50-59.9 = D Below 50% F

Over the years, there have been times that I lowered these percentages and there have been times when I did not. If you are particularly focused on grades, you should assume that these percentages will not move. I will not increase these percentages.

Cheating: The minimum penalty for cheating on exams, plagiarism in the lab, or other violation of the De Anza College academic integrity policy will result in a zero on the assignment in question. The matter will be referred to the De Anza administration for possible further discipline.

Attendance: I will drop any individual that is not present at the first or second scheduled Lab or Lecture class meeting. I understand the life happens when we are least expecting it. If you miss a class, I will do my best to be accommodating. I will assign a score of zero to a missed quiz. I will drop the lowest quiz score (on a percentage basis). So, if you miss two quizzes, then a score of zero for at least one quiz will be used to determine course grade. Missing an exam may result in a score of zero. If you believe that you are going to miss an exam, you must contact me in advance. Only serious and verifiable reasons will be considered. Any cold or similar medical condition that you did not seek medical attention for is likely not a serious condition.

Miscellaneous: Cellular phones may be used to take pictures during class. No other use is allowed. Texting during class is just plain rude. You can expect a similarly rude response.

My performance:

- All exams will be returned within one week, usually the next class meeting.
- All homework or other assignments submitted in on time will be graded within one week.
- I will show up on time.
- Communication - I will return all e-mail within two days.
 - Please do not leave voicemails
 - Text messages are for urgent issues and should be brief.
- Handouts and similar will be distributed via Canvas. Occasionally, I will prepare hard copies for in class distribution.

Ignore any hard copy posted class cancellation signs. If a class is going to be cancelled, it will be posted on Canvas or you will receive an email.

Student Learning Outcome(s):

- Evaluate the principles of molecular kinetics.
- Apply principles of chemical equilibrium to chemical reactions.
- Apply the second and third laws of thermodynamics to chemical reactions.

Office Hours:

T,TH 2:30 PM - 4:00 PM
time faculty office area.

Second Floor Science building, Part