

## Greensheet

Chemistry 1B    General Chemistry  
Instructor:    Michael Lane

Winter 2018  
Phone: (408) 839-5228

Office Hours    M/W 5:00-6:00 p.m. Faculty offices (2nd floor science bldg)    E-mail:  
Lanemichael@fhda.edu

Required Text:    Silberberg, Chemistry; The Molecular Nature of Matter and Change, Eighth 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.

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

Homework:    You can not 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. The completion of the assigned homework will be given a maximum of 10 extra credit points for the entire quarter. The completion of 90+% of the end of chapter problems in the text will be given an additional 10 extra credit points. i.e. the maximum extra credit available for the entire course is 20 points. **Homework does not need to be typed. However, illegible homework will be returned ungraded.**

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

Grading:    Midterms                    3 x approximately 150 pts (Total = ca. 450)  
Final (comprehensive)    approximately 200 pts  
Laboratory                    approximately 350 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

I may lower the scores necessary to achieve a given grade. However, I will not raise them.

Cheating:    The minimum penalty for cheating on exams, or plagiarism in the lab will result in a zero on the assignment in question. The matter will be referred to the DeAnza administration for possible further discipline.

Attendance:    I will drop any individual that is not present at the first or second scheduled class meeting. Subsequent to the first week of class, permission to drop the course is granted only for verified serious medical conditions or other similarly unavoidable circumstances. **Your work load, course load, transportation difficulties are all avoidable! Anything that does not require hospitalization is likely not a serious medical condition**

Miscellaneous:    Cellular phones must not be audible during class. Telephone conversations are not allowed during class. Texting during class is just plain rude.

The programming of any data into a calculator is cheating. See comments above.

My performance:

- All exams will be returned within one week, usually the next class meeting.

- All homework or other assignments turned in on time will be returned within one week.
- I will show up on time.
- Communication - I will return all e-mail within two days.
  - Please do not leave voicemails
- Handouts and similar will be distributed to the e-mail that you have on file with DeAnza. Occasionally, I will prepare hard copies for in class distribution.
- Ignore any class cancellation signs that may be posted.

**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.