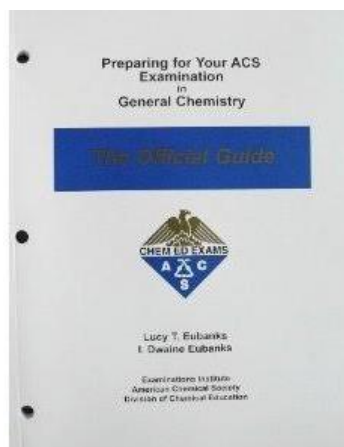


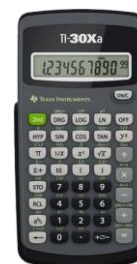
- **Chemistry: A Molecular Approach (4th Edition)** by [Nivaldo J. Tro](#) (Author)
ISBN-10: 013416248X
ISBN-13: 978-0134162485



- **Suggested Handbook: Preparing for Your ACS Examination in General Chemistry: The Official Guide**, by Lucy T. Eubanks and I. Dwaine Eubanks
ISBN-13: 9780970804204
ISBN-10: 0970804202

- Required Materials: A scientific, **non-programmable** calculator

Graphing or programmable calculators are not allowed in lecture or lab.



Only non-programmable calculators are allowed. Use of programmable calculators in class and in lab is considered academic dishonesty.

Instructor: Dr. Weiwei Guo,

Office: 926 Langdale Hall,

Office Hours: MW 3:00-5:00pm, T 11:00 am-12:00*

Email: wguo9@gsu.edu

* The office hours may change due to faculty meetings, etc. Please bring your lecture notes and your attempt at the worksheets when you come to office hours. **Send emails from your GSU email account to my GSU email account only. Do not email from our iCollege class web page. Mention "CHEM 1211K" in the subject.**

Lecture Time: MWF 11:00 am – 11:50 am

Lecture Room: Aderhold Learning Center 5

➤ **Point distribution**

| | |
|---|-------|
| In-class Multiple Choice TESTS (Best 3 of 4) | 280 |
| In-class Weekly Quizzes | 100 |
| Notebooks | 20* |
| LABORATORY Grade | 200** |
| Final EXAM (ACS standardized test) | 200 |

800

*You need a notebook for this class to write lecture notes. During the first week of class, please prepare your notebook with your name signed, and let your instructor sign on your notebook also. At the end of semester, your instructor will collect your notebook.

You **must attend your laboratory section – at the end of the semester your laboratory instructor will give me a list of students in their section and their grades. → **Do NOT switch lab sections without notifying lecture instructor. If you transfer your lab grade from previous semester, please submit lab grade transfer form.**

➤ **To receive a passing grade the student MUST:**







1. Take the final examination of the lecture, **missed final exam will be given an F.**
2. Meet certain minimum requirements in the laboratory portion of the course:
 - a) Submit a final laboratory report
 - b) Take the final lab examination (see lab manual for further details)

➤ The instructor reserves the right to seat students during examinations.

➤ **Make-up examinations or quizzes will only be given with verifiable documentation.** The note must be provided **one week before** the missed test/quiz. Please note: traveling does not constitute an allowable absence.

➤ **Tentative schedule of class. Deviations may be necessary.**

| Week of.... | Monday | Wednesday | Friday |
|---------------------------------------|-----------------|-----------|------------------------|
| 08/21/2017 | Intro/ Lecture | Lecture | Lecture; Quiz 1 |
| 08/28/2017 (labs start !!!) | Lecture | Lecture | Lecture; Quiz 2 |
| 09/04/2017 | Holiday! 😊 | Lecture | Lecture; Quiz 3 |
| 09/11/2017 | Lecture | Lecture | TEST 1 😞 |
| 09/18/2017 | Lecture | Lecture | Lecture; Quiz 4 |
| 09/25/2017 | Lecture | Lecture | Lecture; Quiz 5 |
| 10/02/2017 | Lecture | Lecture | Lecture; Quiz 6 |
| 10/09/2017 * | TEST 2 😞 | Lecture | Lecture; |

| | | | |
|------------|--|---|--|
| 10/16/2017 | Lecture | Lecture | Lecture; Quiz 7 |
| 10/23/2017 | Lecture | Lecture | Lecture; Quiz 8 |
| 10/30/2017 | Lecture | Lecture | TEST 3  |
| 11/06/2017 | Lecture | Lecture | Lecture; Quiz 9 |
| 11/13/2017 | Lecture | Lecture | Lecture; Quiz 10 |
| 11/20/2017 | Holiday!  | Holiday!  | Holiday!  |
| 11/27/2017 | Lecture | Lecture | TEST 4  |
| 12/04/2017 | Lecture | ACS Exam  | |

* Semester midpoint is 10/10/2017, and this is the last day to drop a class with a 'W'.

Final (ACS) Exam is Wed. 12/06/2017 starting at 10:45 am in the regular lecture room. It is the ACS standardized exam. Duration of exam is 110 min. It is a comprehensive exam covering Chapters 1-10. Check to make sure that you do not have any conflicts. Do this within the first two weeks of class.

➤ **Goals:**

The goals of this course are set forth by the chemistry department.

The student should demonstrate a general knowledge of the chemical concepts of unit conversion, stoichiometry, gas laws, thermochemistry, the quantum mechanical model of the atom, periodic trends, and chemical bonding.

The student should demonstrate the ability to successfully apply math skills previously learned to chemical systems. The student should demonstrate the ability to apply chemical principles to problems in physics, biology, and medicine.

➤ **Grading:**

| Points | Percent | Letter Grade |
|-----------|------------|--------------|
| 760 - 800 | 95% - 100% | A+ |
| 720 - 759 | 90% - 94% | A |
| 696 - 719 | 87% - 89% | A- |
| 680 - 695 | 85% - 86% | B+ |
| 640 - 679 | 80% - 84% | B |
| 624 - 639 | 78% - 79% | B- |
| 584 - 623 | 73% - 77% | C+ |
| 520 - 583 | 65% - 72% | C |
| 480 - 519 | 60% - 64% | C- |
| 456 - 479 | 57% - 59% | D |
| <456 | <57% | F |

- **iCollege:** This site will be used for posting class materials including lecture notes and student materials. Announcements related to class will also be posted here. All of your exam and quiz grades will be posted on **iCollege**. Students should regularly check their class **iCollege** sites at least twice a day for class materials.
- **Class Attendance and Preparation:** Students are responsible for class preparation and for any material presented in the course of the lectures *whether or not it is contained in the textbook*. Chemistry is a *highly* structured course, with each new topic based on others previously developed. Thus it is *critical* for students to keep *consistently* up-to-date in their readings and assignments. To fall even one class period behind is to risk considerable difficulty in mastery of future material.

➤ **It is expected that students:**

- 1) read and make notes on the chapter material **before** attending lecture.
- 2) ask relevant questions in class on any material that was not fully understood while reading the chapter.
- 3) revise all the material learnt in class on the same day. Any information that cannot be recalled requires more in-depth review.
- 4) attempt the posted chapter problems before the instructor covers them in class.
- 5) attempt the self-assessment quiz at the end of each chapter in the textbook.

Suggestion: When attempting to solve problems do not look for similar questions. Try to answer questions based on the material you have covered in class. Looking for similar questions usually means that you do not understand the material and can only identify how to solve problems by memorizing the steps to get the answers.

- 6) students are expected to attend all classes and laboratories (even when attendance is not recorded) and are responsible for all assignments and materials presented. In the event of unavoidable absences, it is the responsibility of the student to find out what materials were covered or what assignments were given in his or her absence.

➤ **Some Examples of unacceptable Student Conduct:**

- **Leaving class before the lecture is over.**
- Not following the testing procedures as instructed.
- **Talking while your professor is lecturing.**
- Arguing with the professor about student conduct.
- **Not sitting up straight with paper directly in front of you during an exam.**
- **Not keeping your scantron or exam papers covered during an exam.**
- Using a disrespectful tone of voice, harsh words or profanity.
- Making inappropriate gestures of any kind.
- Letting your **cell phone** ring audibly during a lecture or exam.
- Having a cell phone available during a quiz or test.
- **Arriving late for lecture or for an exam.**
- Allowing your laboratory data or answers to be copied.

- **Cell Phones and Electronics:** In consideration of your classmates, turn off all sound alerts during every lecture and examination. If you must have the cell phone during the daily

lectures, please set it to ring on vibrate mode (silent). If you need to be on call during an exam, please inform the instructor and leave the phone with the instructor. You may not use cell phones as calculators during exams/quizzes.

- **If you wish to use a computer to view class notes or to take class notes, you are required to sit in the last three rows of the lecture hall. Believe it or not, laptops prove to be a distraction in classrooms and hand written notes more beneficial to the student.^{1,2}**
- **You may not record my lecture (audio and/or video) without prior permission.**

The University requires that faculty members must, on a date after the midpoint of the course to be set by the Provost (or his designee)

1. give a WF to all those students who are on their rolls but no longer taking the class and
2. report the last day the student attended or turned in an assignment.

All examinations must represent your individual effort, with no unauthorized aid. To either *give* or *receive* unauthorized information during an examination is cheating, as is the use of *any* unauthorized supplementary material. In addition all laboratory work performed in conjunction with this course must represent your individual effort. Only original data obtained by your own *in-laboratory* experimentation are permitted to be used, except when *expressly authorized* by your laboratory instructor. Data from supplementary sources, handbooks, reference literature, etc. must be *clearly referenced* (title, author, volume, pages(s), etc.). Falsification or destruction of data constitutes cheating as well. Conduct disruptive of class, examinations, or laboratories or falsification or destruction of information related to chemistry courses will be taken as a violation of the policies of the Board of Regents of the University System of Georgia and the Georgia State University Student Code of Conduct, Section 6.0. Any suspected offenses may be referred to the Chairman of the Department or the Dean of Students for appropriate disciplinary action.

As per the Georgia State University Student Code of Conduct and Administrative Policies p.45: "Religious Observance. Students wishing to have an excused absence due to the observation of a religious holiday of special importance must provide advanced written request to each instructor by the end of the first week of classes."

Check online for the Fall 2017 schedule during your first week of classes to make sure that you do not have any conflicts. You must inform your instructors during the two weeks of class of any exam conflicts that you may have. Plan on being here during the whole exam period. Vacation is NOT a legitimate excuse to miss an exam and you will earn a zero on your final exam if you miss it. We do not have the space to accommodate students who wish to take their exams on a different day

The foregoing provides a general plan for the course, deviations from which may be necessary. The instructor will announce any such changes in class.

1. <http://chronicle.com/blogs/wiredcampus/taking-notes-by-hand-benefits-recall-researchers-find/51411>
2. <http://www.psychologicalscience.org/index.php/news/releases/take-notes-by-hand-for-better-long-term-comprehension.html>