Instructor: Wayne L. Gladfelter  
Office hours: Tuesdays (2 – 3 PM) and Thursdays (2 – 4 PM)  
Smith Hall Room 241B  
wlg@umn.edu

Welcome to Chem 1062. This is the second semester of a year-long course in introductory chemistry. The class covers fundamental chemistry topics and is accompanied by the lab course 1066. Together, CHEM 1062 and 1066 fulfill the physical science core requirement.

Prerequisites

To register/remain registered in this course, you must meet all of the following criteria:
• Registration in BOTH 1062 & 1066 during the same semester is required.
• Completed CHEM 1061/1065 or equivalent courses with a grade of C- or better

If you do not meet these criteria, you should report your situation to the staff in Smith 115 (624-0026) immediately. They handle all registration issues pertaining to this course.

Required Textbooks & Materials

• Access to an internet-capable laptop or desktop computer (with webcam and microphone) to access our exam system for the midterms and final.
• Mirror (around 6” x 6”) for use in our e-proctoring system (details in Canvas)
• Small/medium whiteboard (around 8.5” x 11”) OR laminated formula sheet available in the bookstore, and erasable markers for exams
• Chemistry: The molecular nature of matter and change, by Martin Silberberg and Patricia Amateis (McGraw-Hill, 8th edition). Note that the publisher’s online homework system (ALEKS) is required and provided for free in the textbook package at the bookstore. See the class Canvas site for options.
• Non-programmable scientific calculator (see details below)

Student Learning Outcomes

• Identify, define, and solve problems
• Master a body of knowledge and mode of inquiry
• Acquire skills for effective citizenship and life-long learning
Specific Learning Objectives are listed in the course Canvas site.

Calculators: The presence or use of graphing and/or programmable calculators is FORBIDDEN on exams. Their presence or use during an exam will be considered cheating. Only non-programmable calculators with limited memory will be allowed for use during exams. Any one-line display calculator is allowed. The TI-30Xa is the suggested calculator for this and all CHEM 1XXX courses. The bookstore stocks this calculator for around $10. The TI-30X IIS is an acceptable two-line calculator. Many other two-line calculators are programmable and would therefore not be allowed. If you have any questions about your particular calculator, see the instructor immediately. Calculators may not be shared during exams. If you are concerned about battery failure during the exam, bring a second calculator or extra batteries with you.

Class Websites

There are 2 websites associated with this course that you must visit frequently to keep up with the material.

Lecture Canvas Site: This site CHEM 1062 Chemical Principles II (section 3) – Fall 2019 is where you will find any information associated with the lecture portion of the course. It will contain a class calendar, syllabus posting, and many resources to help you succeed in our course. You will find your exam and online homework grades posted here under “grades”.

ALEKS: (publisher’s website for online homework)
There is a link from the Lecture Canvas site to the ALEKS homework system. Follow the instructions posted on this link to set up your account correctly.

Lab (Separate Course) Canvas Site
The site CHEM 1066–Lab –Spring 2019 is where you will find your lab syllabus and multiple resources associated with completion of the laboratory projects. You will view your LAB grades here under “grades”. Please note that the lab is a separate graded course that must be taken at the same time you take this lecture course.

Accessing Canvas
1. Connect to myu.umn.edu, log in, and click on “My Courses” tab and select the appropriate Canvas site. OR
2. Go directly to https://Canvas.umn.edu, login, and select the appropriate class link.

Class Work

Homework (ALEKS): Homework will be given using the publisher’s online homework system, ALEKS. The ALEKS/homework grade will be split evenly (50:50) between meeting the deadlines for each homework successfully AND final pie percentage in ALEKS. Read the instructions posted in our lecture Canvas site to set up your ALEKS account correctly (using your U of M email address) and to understand what is expected of you. Without doing so, you will not get credit for your online homework.
Exams: There will be six midterm exams held every other Friday between 6 AM and 8 PM, and a final exam from 8:00 – 10:00 am, Saturday, December 14th, all proctored electronically using Proctorio (see details in our Canvas site). The final exam will be comprehensive and cover all lecture material, including that presented after the last midterm exam. No exam, including the final exam, may be taken on a day other than that which has been scheduled. If you have conflicts with any of the scheduled times, you should resolve them now or drop the course. The only exception is if you are registered in another UM course that conflicts with the exam time. If you have a course conflict of this type, see me on or before Friday, September 27th.

Exam Format: You must have your student I.D., whiteboard, calculator, and mirror at each of the midterm exams and the final. I.D. checks will be made by the e-proctoring system. All midterm exams for this course will consist of 12-20 questions, including multiple-choice, short answer, ranking, and matching. The exams will be proctored and graded by computer. Make sure you understand fully how to set up your computer and prepare for e-proctoring in advance of the actual exams. Details are provided in the class Canvas site.

Missed Exams: In the case of a true emergency, serious illness, or University-related trip that prevents a student from taking a midterm exam, an excused absence may be granted in strict accordance with University policy (see link below). To obtain an excused absence, students must contact the instructor in advance OR as soon as circumstances allow to discuss the nature of the emergency. Documentation will be required. The unweighted average score of all the student’s other exams will replace the zero from the excused midterm exam. Only one missed midterm exam will be replaced in this fashion. If circumstances prevent a student from taking more than one midterm exam, a meeting must be scheduled immediately with the instructor to discuss any options available. For information on missing the final exam, see "Incompletes". [http://www.policy.umn.edu/Policies/Education/Education/MAKEUPWORK.html]

Grading:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
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</thead>
<tbody>
<tr>
<td>Midterm exams (6 at 50 points each)</td>
<td>300</td>
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<tr>
<td>Final exam</td>
<td>200</td>
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<tr>
<td>ALEKS Homework</td>
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<tr>
<td>Objectives</td>
<td>50</td>
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<tr>
<td>Final Pie Percentage</td>
<td>50</td>
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<tr>
<td>Total</td>
<td>600</td>
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Grade Cutoffs: A, 83; A-, 78; B+, 74; B, 68; B-, 65; C+, 60; C, 54; C-, 44; D+, 39; D, 35
(The grade scale will not be curved, which means, for example, that a total course percentage of 59.9 will receive a C rather than a C+)
Other Grade Issues

**Late Registration:** Please be advised that joining the course after the start of classes does not excuse you from attendance or any work collected and/or graded. You should give careful consideration to this prior to late addition of our course.

**Regrades:** Request an exam regrade (in writing directly to the instructor via e-mail) by the end of the week following the exam.

**S/N Grading:** If you are registered for this course on an S/N basis, a grade equivalent to C- on the A-F scale will be required to receive an “S”. A D+ or below will receive an “N”. Many programs or transfer courses do not like or will not accept S/N grades or will assume that they are the minimum possible grade. Requests to change grading basis after the University deadline will not be approved.

**Incompletes:** Students who have an EXCUSED ABSENCE from the Final Exam, and have taken all midterm exams, may be eligible to receive a grade of "I" in the course. Incompletes will not be granted if a student has missed earlier exams, or is not passing based on the work up to the final. You need to fill out an incomplete request form (available in Smith 115) and have it signed. See me for details. This grade is NOT routinely assigned! Any incomplete must be made up in the following semester. After that time all incompletes will turn into F grades.

**Withdrawals:** If you are considering withdrawing from the class for academic reasons, I urge you to come and speak with me. Your situation may not be as bad as you think it is. If you do decide to drop the class, you should officially withdraw from the course following the rules for your college and know that students withdrawing from the course will not have any records retained for use upon re-taking the class. Please note that if you drop lecture (1062) you must also drop lab (1066) unless you do so on or after the date indicated in the 1066 course description.

**Help**

**Instructor:** Asking questions during office hours (see calendar on canvas site) is a first line of defense toward overcoming conceptual problems with the course material. Get help early on so that problems do not compound! I hope to see you in person so that I can help you if you are having any difficulty.

**ALLY Statement:** I strive to serve as an effective Ally for all students. I am available to listen and support you in a safe and confidential manner. I can help connect you with resources to help address barriers that may interfere with your academic and social success on campus as related to diversity, access, or safety. My goal is to help all students to be successful and to maintain a safe, accessible, and equitable campus.

**Free Tutoring:** Room 124 Smith Hall is the site of regular Chem 1062 drop-in tutorial sessions conducted by general chemistry TAs. See the TA web link for additional details. [http://genchem.chem.umn.edu/chem-10151017/tutor-room-schedule](http://genchem.chem.umn.edu/chem-10151017/tutor-room-schedule)
Policy Statements

**Overlapping & Back-to-Back Courses:** Enrolling in overlapping or back-to-back courses that does not allow enough travel time to arrive at our class meetings on time is prohibited. For more information, please see: [http://policy.umn.edu/Policies/Education/Education/OVERLAPPINGCLASSES.html](http://policy.umn.edu/Policies/Education/Education/OVERLAPPINGCLASSES.html)

**Student Conduct Code:** As a student at the University you are expected to adhere to Board of Regents Policy: *Student Conduct Code*. Please see: [http://regents.umn.edu/sites/default/files/policies/Student_Conduct_Code.pdf](http://regents.umn.edu/sites/default/files/policies/Student_Conduct_Code.pdf).

**Scholastic Dishonesty:** You are expected to do your own academic work and cite sources as necessary. Failing to do so is scholastic dishonesty. Scholastic dishonesty means plagiarizing; cheating on assignments or examinations; engaging in unauthorized collaboration on academic work; taking, acquiring, or using test materials without faculty permission; submitting false or incomplete records of academic achievement; acting alone or in cooperation with another to falsify records or to obtain dishonestly grades, honors, awards, or professional endorsement; altering, forging, or misusing a University academic record; or fabricating or falsifying data, research procedures, or data analysis. If it is determined that a student has cheated, he or she may be given an "F" or an "N" for the course, and may face additional sanctions from the University.

The Office for Student Conduct and Academic Integrity has compiled a useful list of Frequently Asked Questions pertaining to scholastic dishonesty: [http://www1.umn.edu/oscai/integrity/student/index.html](http://www1.umn.edu/oscai/integrity/student/index.html). If you have additional questions, please clarify with your instructor for the course. Your instructor can respond to your specific questions regarding what would constitute scholastic dishonesty in the context of a particular class—e.g., whether collaboration on assignments is permitted, requirements and methods for citing sources, if electronic aids are permitted or prohibited during an exam.

**Student Mental Health and Stress Management:** As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student's ability to participate in daily activities. University of Minnesota services are available to assist you with addressing these and other concerns you may be experiencing. You can learn more about the broad range of confidential mental health services available on campus via [http://www.mentalhealth.umn.edu/](http://www.mentalhealth.umn.edu/)
**Teaching & Learning:** The materials provided in this course are intended only for the students officially enrolled in this section and are to be used to learn and practice the course material. Disseminating class notes, videos, exams, etc... beyond the classroom community or accepting compensation (in the form of cash or in trade, such as access to a study website) undermines instructor interests in their intellectual property while not substantially furthering instructor and student interests in effective learning. Such actions violate shared norms and standards of the academic community and are not allowed. For additional information, please see: [http://policy.umn.edu/Policies/Education/Education/STUDENTRESP.html](http://policy.umn.edu/Policies/Education/Education/STUDENTRESP.html)

**Sexual Harassment:** [https://policy.umn.edu/hr/sexharassassault](https://policy.umn.edu/hr/sexharassassault)

**Equity, Diversity, and Equal Opportunity:**

**Disability Resource Center:** Students with special needs should contact the Disability Resource Center [https://disability.umn.edu/](https://disability.umn.edu/), which will provide a letter to share with the instructor on how those needs shall be accommodated.