

CHM 120 – GENERAL CHEMISTRY I: FALL SEMESTER 2006
General Information for Students
MWF 10:25A.M. – 11:20 A.M. Lecture Center 25, Call No. 1757
CourseCompass Course ID: lednev14187

Instructor: Professor Igor Lednev
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Office Hour: Wednesdays 11.30 AM – 1.00 PM and/or by appointment in LS-1107

Professor Lednev wants every student to do well in this course and to appreciate the central role of chemical knowledge for an intelligent and humane life in our time.

This sheet contains important information about the organization and conduct of CHM 120 this semester. It should be read carefully and retained, together with the course schedule for future reference by each student taking the course.

This course consists of three lecture periods per week. A tentative lecture schedule is given at the end of this syllabus. For the benefit of students, review sessions will be held for each hour exam and the final, and will be announced during the lectures. The laboratory program for General Chemistry is a separate course, CHM 124. While it will be coordinated to the greatest practicable extent with CHM 120, it is taught and graded separately. Prof. Colin Henck supervises CHM 124.

Text. The required text for this section of CHM 120 is Chemistry: The Central Science by Brown, LeMay and Bursten, 10th Edition. The text is available in the University Bookstore shrink wrapped with the Math Review Toolkit, an access code for the CourseCompass learning management system, and a coupon allowing you to purchase a lecture transponder at the University Bookstore. The Solutions to Black Exercises can be purchased separately. If you are using a text which does not provide an access code, you should be able to purchase one at the University Bookstore or on-line when you sign up for CourseCompass. There is much interesting material on the CourseCompass website, where announcements, the syllabus, a class calendar, and assessment quizzes will be posted. To log on you will need your access code and the CourseCompass Course ID: lednev14187. Details of how to register for CourseCompass are given on the last page of this syllabus.

Lectures. Students are expected to attend the lectures. Lectures will focus student's attention on the most important topics. The Powerpoint lecture slides will be posted on the CourseCompass website. Students are strongly encouraged to review the lecture slides before and after the lecture. Each student will have an account at the Chemistry Electronic Learning Center (CELL) in room Chemistry 215 where computers can be used for accessing CourseCompass.

Homework and Assessment Quizzes: Students should complete a preliminary reading of Assigned Study Chapter Sections before the lecture in which they will be discussed. There is much material to be covered, and while lectures can hopefully provide an overview, insight and flavor to the subject matter, each student is expected to master the content of the assigned chapter sections through his/her personal study.

There will be two types of Homework/Quiz assignments posted on the CourseCompass website in PH Grade Assist. For each lecture you will be assigned the "End of Chapter exercises" as "Homework". These will not be graded. You can work on them "Anonymously" for practice. The second part of the assignment will be an "Assessment Quiz" which will be graded. *You need to master the End of Chapter Exercises since they are typical of what you need to know to solve the quiz and for what must be mastered in this course. Students will benefit from carefully writing out solutions to the Selected End of Chapter Exercises and obtaining correct numerical answers. Students may check their work using the text and the Solutions Manual.*

The assessment quizzes are in the form of multiple-choice questions similar to those on examinations. You should do these assessment quizzes and submit your answers to the CourseCompass website. They will be graded and the result entered in your record on the CourseCompass learning management system. Your average on the assessment quizzes will be used in computing your grade. There will be a limited time period around the lecture date during which the assessment quiz must be completed for credit.

Examinations and Grading: Examinations may include questions related to anything presented during lectures, whether that information is in the text or not. The format of examinations is variable. You should be prepared for multiple choice, fill in the blank, short answer and work out the answer questions. Some examinations may consist of only one of these types. For all examinations you are expected to have mastered all chapters studied back to and including Chapter 1 of the text. **Bring a #2 pencil** to complete the scantron sheets when they are used.

The final examination will be given Friday December 15th 2006 from 10:30 AM to 12:30 PM.

No make-up examinations will be given except for the Final Examination. If you miss an examination and have an excused absence, your score for that examination is determined by your score on the final exam for the material that exam would cover. An excused absence is a “documented serious medical condition, or a family or personal emergency, or a previously scheduled varsity athletic competition, or other exceptional circumstances approved by the Professor”. In so far as possible, you must contact the instructor prior to the exam to receive an excused absence. A score of (0) will be assigned for an unexcused absence.

Calculators during exams: You may use a handheld scientific calculator. You are not allowed to use a device with the capacity to communicate with other students in the room, or with any source of information outside the examination room. If you are observed to have or to be using such a device, you will be asked to remove it from your desk and place it in your bag. Two such infractions will be considered cheating and we will give you a score of zero on the examination of the second infraction. **You** are responsible for bringing an acceptable and working calculator. Borrowed or replacement calculators will not be available. If you have questions about your calculator see your professor **BEFORE** the day of the exam. There is no sharing of calculators allowed during exams.

On exam days:

1. Wait outside the lecture hall until you are allowed to enter by a proctor.
2. BRING YOUR UNIVERSITY ID & leave it out on the desk during the exam. (Failure to have an ID is a significant problem.) Have a #2 pencil to complete the scantron sheet.
3. Exams can be handed in any time during the hour.
4. Show your ID & sign the attendance list, if there is one, when you hand in your exam.

Grading: Letter grades will be assigned by the instructor, based on the overall average, on the equivalent of 500 points of exams plus 100 points from your average on the assessment quizzes. Each hour exam is counted as 100 points, the assessment quizzes as 100 points, and the final is 2x100 points. Of these 800 points, the two lowest exam equivalents (200 points) are dropped. Grading is absolute (there is no curving!). Based on past performance, the numerical correspondences will probably be: A 100-82, B 81-70, C 69-60, D 51-59, E 50 and below.

The policies, penalties, procedures & standards on Academic Integrity outlined in the *Undergraduate Bulletin* & in the University code of conduct *Community Rights & Responsibilities* are followed.

Date	Instructor	Assigned Study Chapter Sections	Selected End of Chapter Exercises & Assessment Quiz (These will follow each lecture. Please see instructions above)
September 6	IL		INTRODUCTION
September 8	IL, K. Austin	1.1 – 1.2	
September 11	IL	1.3 – 1.4	
September 13	IL	1.5 – 1.6	
September 15	IL	2.1 – 2.3	
September 18	IL	2.4 – 2.6	
September 20	IL	2.7 – 2.9	
September 22		Hour Examination # 1	
September 25	IL	3.1 – 3.2	
September 27	IL	3.3 – 3.5	
September 29	IL	3.6 – 3.7	
October 4	IL	4.1 – 4.2	
October 6	IL	4.3 – 4.4	
October 9	IL	4.5 – 4.6	
October 11		Hour Examination # 2	
October 13	IL	5.1 – 5.2	
October 16	IL	5.3 – 5.5	
October 18	IL	5.6 – 5.8	
October 20	IL	6.1 – 6.3	
October 23	IL	6.4 – 6.6	
October 25	IL	6.7 – 6.9	
October 27		Hour Examination # 3	
October 30	IL	7.1 – 7.3	
November 1	IL	7.4 – 7.6	
November 3	IL	7.7 – 7.8	
November 6	IL	8.1 – 8.3	

November 8	IL	8.4 – 8.6
November 10	IL	8.7 – 8.8
November 13		Hour Examination # 4
November 15	IL	9.1 – 9.3
November 17	IL	9.4 – 9.6
November 20	IL	9.7 – 9.8
November 27	IL	10.1 – 10.4
November 29	IL	10.5 – 10.6
December 1	IL	10.7 – 10.9
December 4		Hour Examination # 5
December 6	IL	11.1 – 11.4
December 8	IL	11.5 – 11.8
December 11	IL	Review and Announcements

Final Examination.
Friday December 15th from 10:30 AM to 12:30 PM.

Registering for the CourseCompass online resources:

1) To register you **MUST** have:

A Valid Email Address

Don't have it? Contact your school's technology center or set up a free account on a website that offers this service (for example, through Hotmail or Yahoo).

Course ID

Lednev14187

Student Access Card



Don't have it? If your new textbook was not bundled with a Student Access Code, you need to: [purchase online access](#) to CourseCompass using a credit card and your **instructor's course ID**. Cost \$30.00



2) Go to www.coursecompass.com

- First you need to **REGISTER** as a student
- Follow the on-screen instructions to enter your student access code and your instructor's course ID, provide contact information, and create a login name and password.

Access Code

Your Access Code should look like this. Enter it without dashes.



* Access Code

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You can type the letters in lowercase or uppercase.

3) Now, login and access the course:

- Go to www.coursecompass.com and click the **LOGIN** button for **STUDENTS**.

- Enter the login name and password you created during registration.
- From the My CourseCompass page, simply click the name of your instructor's course to begin.

4) Problem?

- Watch "Take a tour!" from the Coursecompass homepage
 - Or Call 1-800-677-6337
- Staff is available to troubleshoot your technical issue during the following hours:
- Monday through Friday, from 8 AM to 8 PM Eastern time (US and Canada)
 - Sunday, from 5 PM to 12 AM