

The syllabus is below, but there is no good reason to be coming to this site.
The syllabus and all course information are on the course website:

<http://noblereaction.org/gc/201.htm>

Use the website.

Senior Instructor: Dr. Mark E. Noble

Email: menoble@louisville.edu Office: CB 348

Lecture Classes: TTh 11:00 - 12:15 (201-18 thru 201-24) EH 103

TTh 5:30 - 6:45 (201-75 thru 201-80) EH 103

Course website: noblereaction.org/gc/201.htm

Noble General Chemistry website: louisville.edu/faculty/menobl01/NobleGenChem.html

Hint to find either website: Google for noble general chemistry or noblegenchem.

Note: The web is used; Blackboard is not used.

Welcome to Chemistry 201. This is the first semester of the mainstream, General Chemistry course for many students interested in science, engineering, preprofessional and other majors. This course also fulfills a General Education credit in Natural Sciences. Chem 201 provides an introduction to various aspects in chemistry including compounds, reactions, stoichiometry, gases, thermodynamics, atomic structure, periodicity, and molecular structure. In addition to its academic purposes, the course covers material relevant to everyday living. This relevance will be emphasized throughout the semester.

The prerequisites for this course are a Math ACT score of 25 or higher; or, completion of MATH 111. Previous chemistry courses are not required. Students who do not meet the prerequisites need to withdraw. If a student is later found to be enrolled and did not meet the prerequisites, then they can be disenrolled. (This can result in full or partial loss of tuition paid.)

The text for the course is *General Chemistry: It's Part of Your World, Part 1*, by Dr. Noble. The text is available for viewing online on the course website. Students who prefer a paper copy of a text may purchase one; see the course website for pricing and availability. (There is no buy-back for the printed text since you're supposed to write in it. The printing and sales of the text do not profit any faculty member.) This text contains the vast majority of course content. Other content may be added in lecture, however, for which students are also responsible.

This course consists of both the main lectures and the recitation sections. The main lectures are large group lectures given by the Senior Instructor, Dr. Noble. The regular course exams are given during the main lecture times. The recitation sections are small group classes and are intended to be more interactive; these are conducted by a Teaching Assistant (TA). The recitation will have its own syllabus. This course does not include laboratory; the laboratory courses are totally separate: they have separate course numbers, separate Senior Instructors, separate TAs and separate requirements.

The course grade is based on three regular exams (1/5 each) and a Final Exam (2/5), along with any bonus points accrued from recitation. The Final Exam is comprehensive. Dates for all exams are announced in advance and must be taken during the scheduled times. A missed exam (regular or Final) will count as zero and will be calculated into the course grade as such. There are some cases where a student will miss an exam for justifiable cause; for the regular exams, these will be handled depending on the nature of the miss as follows.

Students who miss a regular exam for justifiable cause but not a cause which is sanctioned by the University will receive an excused miss for the exam. These cases include illness, surgery, etc. Students should report the cause to Dr. Noble before the exam if possible; if not possible, then this must be reported promptly afterwards. A miss

of a regular exam for justifiable cause will be excused, and the miss will simply drop from the course grade calculation. The contributions of the other components to the course grade are then scaled up proportionally.

Students who miss a regular exam and who invoke the University Excused Absence Policy (UEAP) can receive the excused miss as above or they can take a make-up exam. For the latter, the student must complete a registration assignment by registering their intentions with Dr. Noble between 7 - 10 days before the exam date. The student must provide their weekly course schedule, with times and course numbers indicated. This assignment is necessary for scheduling purposes; failure to complete this will default to the excused miss. The make-up exam can be held before the regular class exam or after. The make-up exam can be different from the regular class exam in any aspect of format. The make-up exam can be one given by another Chem 201 professor during their regularly scheduled class time.

The above two provisions are for a miss of a regular exam for justifiable cause. Arrangements for a miss of the Final Exam for justifiable cause will be determined at the end of the semester. In all cases of missing a regular or Final exam for justifiable cause, written evidence is required such as a doctor's back-to-work/school statement, etc. Some excuses are not considered justifiable; examples include traffic, dead car battery, defective snooze alarm, etc. A routine appointment for a routine reason, medical or otherwise, is not considered justifiable cause if it can be conveniently scheduled at another time.

Dates for exams are on the Schedule. Any anticipated changes will be announced in lecture and/or posted on the website. In the event of bad weather or other cause, the University may declare classes closed or it may declare that it will follow the Delayed Class Schedule. If all classes are closed on an exam date, then the exam will be held on the first lecture date thereafter. If delayed schedule is declared on an exam date and if the official delay time affects the class start time, then the exam will be held on the first lecture date thereafter. If the official delay time does not affect the class start time, then assume that the exam will be held (as scheduled). Variations are possible depending on the cause of the closing or delay! Relevant announcements will be posted on the course web site (if possible) for wide access to students. Students are responsible for such notices. (Check the Miscellany Page.)

The material for which the student is responsible includes LECTURE MATERIAL (MOST IMPORTANT) and the ASSIGNED HOMEWORK. While the text reflects the vast majority of lecture content, there may be additional material covered or assigned in lecture which is also eligible for inclusion on exams and in recitation.

Keys for exams will be posted outside CB 348 and on the web shortly after each exam. Every effort is made to grade exams as soon as possible. This process is generally complete within one weekday. Once exams are released, they are given to the TAs for return to the student. If there is reason to question a grade, then this must be reported to Dr. Noble within two weeks of the day on which the exams were first available for pickup by students.

Scaling of exam and recitation grades can sometimes occur, although it is not intended. Grades may be scaled up but they cannot be scaled down.

Numerical scores correlate with the letter grades below. These are guaranteed minima. Plus/minus grades are not used.

A ≥ 87.5 B 75.0 - 87.4 C 62.5 - 74.9 D 50.0 - 62.4 F ≤ 49.9

These letter grade ranges apply for exams and the overall course grade.

Routine lecture attendance has no direct contribution to grading. The absolute requirement for lecture attendance is for exams. Obviously, **SINCE LECTURE IS THE MOST IMPORTANT MATERIAL, REGULAR ATTENDANCE AND NOTE-TAKING IS CRITICAL TO SUCCESS.** Furthermore, **BE PREPARED FOR LECTURE BY READING THE TEXT MATERIAL AND WORKING THROUGH THE FILL-INS IN ADVANCE.** Although routine lecture attendance is not specifically required except for exam days, students are responsible for content and announcements made in lecture.

All end-of-chapter Problems in the text are assigned as homework, unless specifically excluded by lecture (or website) announcement. These Problems are assigned to improve learning and skills. Although they are assigned homework, they are not collected nor graded. Nevertheless, it remains the student's responsibility to do them and to master them. Mastering means that each student should be able to start each problem, work through each problem, and get the right answer to each problem in a reasonable period of time without looking anything up. Needless to say, this will not happen when doing many problems for the first time. This is normal. Problems which cannot be readily completed should be flagged, and the student should redo those problems at a later time. This process should be repeated until the problem is mastered. Although not collected nor graded, material from the Assigned Problems or from any other assigned homework will be included on the exams. Problems may appear on the exams directly or with a slight modification (e.g., a different mass or a different compound). **FAILURE TO MASTER HOMEWORK PROBLEMS ARE A MAJOR CONTRIBUTOR TO LOW EXAM SCORES.**

Bring a calculator to every exam and to every recitation meeting, and be certain it has a charge on it. Dead batteries can be fatal. Be certain you know how to use your calculator. A calculator capable of standard math functions and scientific notation is required for this course. There is one important restriction on additional features: any calculator which is capable of alphabetic memory is banned from use for any exam. "Alphabetic memory" is meant to be memory which can store all 26 alphabet letters. Note that the ban is on calculators which are capable of this feature. Therefore, all such calculators are banned from use during the exams, even though the memories have been erased. If a student is believed to be using a banned calculator during an exam, then 5-10 points will be deducted from their exam afterwards.

Phones, pagers and other devices must have audible signals turned off during lecture and exams. ("Audible" includes loud vibrator modes.) This is an obvious courtesy to surrounding students. Furthermore, during exams and quizzes, all communication (which includes music) devices must be out of view. This also includes headsets, earplugs, etc. (but not hearing aids). Infractions during an exam can lead to a loss of 5-10 points. Students with justifiable cause (e.g., job-related, etc.) who need to have these devices audibly active must report this to Dr. Noble before the start of the exam. A specific seating location may be required.

Students may use laptops/tablets during lecture for purposes of this course. Extraneous use, however, is not welcome. Unfortunately, some students do not respect the rights of others. If the use of laptops/tablets in the classroom becomes too distracting for others in the class, then a ban can be imposed during lecture.

This course can be challenging; for many it will also be very difficult. The most important guidelines for success in the course are the following.

- Regular lecture attendance
- Reading the text and doing the fill-ins in advance of the lecture
 READ the text, don't just skim it.

- Good lecture notes as needed to supplement the text
- Mastering all of the assigned homework in a timely fashion
- Utilizing the available assistance

The first place for assistance is the recitation section and the TA: don't be afraid to ask questions. All TAs will post office hours for additional help; students may consult any of Dr. Noble's TAs during their scheduled office hours. Assistance is also provided by Supplemental Instruction (SI), offered through the REACH Program; the meeting times and locations for SI will be announced when available. Tutoring and other services may also be available through REACH; see *reach.louisville.edu* for more information.

Copies of old exams are posted at the course website. NOTE! The old exams are meant for evaluation and practice. They are not intended to be a major study tool. ALSO NOTE! The old exams do not necessarily reflect the full content of any given semester. There's not always time to include all content on an exam. Besides, content can change between different semesters.

* * * THESE MEANS OF ASSISTANCE ARE AVAILABLE! * * *

USE THEM!
YOU'RE PAYING FOR THEM!

Another valuable help source is other students. Collaborate with others in the class. Share notes. Go over problems together. Remember that lecture material is number one and assigned homework is number two; collaborating helps both. Dr. Noble is also available for questions either in person or by email. Office hours are open: stop by some time or request a particular time. Additional information will be posted periodically on the Miscellany Page at the course website. Input from students may also be posted there if it is of general interest to the class.

ALL OF THESE ARE IMPORTANT SOURCES OF HELP.
TRY THEM.
FIND OUT WHAT WORKS BEST FOR YOU.

It is very easy to fall behind in this class, but it is also very dangerous. It is the student's responsibility to maintain pace, and to seek help when necessary.

Note: Email communication is not completely reliable. The system often fails. Also, spam filters are often in place. Here are some suggestions. Put something obvious in the subject line, such as Chem 201 or GenChem. Do not put the word 'test' in the subject line and do not leave the subject line blank. If you do not get a response, send again or check with Dr. Noble personally. These measures are necessary but unfortunate. Also regarding email: do NOT include your ID number in your email unless specifically asked.

Changes to this Syllabus (which includes the attached Schedule) can be made as appropriate.

I am pleased to have you enrolled in this course. I hope you find it interesting, stimulating and useful.

---Dr. Noble

Dr. Noble

Lecture Classes: TTh 11:00 - 12:15
TTh 5:30 - 6:45

The following is the schedule for the semester, including Exam dates. The schedule of Chapter content is an estimate and may easily vary. Bad weather, or other factors, can change any of this. If changes do become necessary for Exam dates, then this will be announced in class and/or posted on the course website.

Class	Date	Content
1	8-26 T	Ch. 1
2	8-28 Th	Ch. 1/2
3	9-2 T	Ch. 2/3/4
4	9-4 Th	Ch. 4/5
5	9-9 T	Ch. 5/6
6	9-11 Th	Ch. 7/8
7	9-16 T	EXAM I
8	9-18 Th	Ch. 9/10
9	9-23 T	Ch. 11/12
10	9-25 Th	Ch. 13/14
11	9-30 T	Ch. 15/16
12	10-2 Th	Ch. 16/17
13	10-9 Th	Ch. 17/18
14	10-14 T	EXAM II
15	10-16 Th	Ch. 18/19
16	10-21 T	Ch. 19/20

17	10-23	Th	Ch. 20/21
18	10-28	T	Ch. 21/22
19	10-30	Th	Ch. 22/23
20	11-4	T	Ch. 23/24
21	11-6	Th	Ch. 24/25
22	11-11	T	EXAM III
23	11-13	Th	Ch. 26/27
24	11-18	T	Ch. 27/28
25	11-20	Th	Ch. 28/29
26	11-25	T	Ch. 29/30
27	12-2	T	Ch. 31/32
28	12-4	Th	Ch. 32/33
	12-13	Sat	FINAL EXAM 11:00 am - 1:30 pm (Combined Sections time slot)

NOTE! This is a Combined Sections Final Exam with other Chem 201 lecture groups. The room for the Final Exam will likely be different from the lecture room. This will be announced near the end of the semester.