

- **Quizzes**

Quizzes will be administered on a regular basis. Quiz dates and topics will generally be announced and will frequently cover material from the preceding lecture(s). Questions will often be similar to assigned exercises from the textbook and Coursepak.

Make-up quizzes will not be administered. If a quiz is missed during an unexcused absence, the grade will be zero. If a quiz is missed during an excused absence, it will not be counted in the average. The lowest grade on those quizzes completed will be dropped.

- **Hour Exams**

Tentative dates for hour exams are presented on the attached class schedule. The lowest Hour Exam score will be replaced by the Final Exam score, if the latter is higher. For example, the Final Exam may count 40% (i.e. 25% + 15%) of the course grade.

Make-up exams will not be administered. If an exam is missed during an unexcused absence, the grade will be zero. If an exam is missed during an excused absence, the Final Exam grade will only be counted in lieu of that exam.

- **Final Exam**

The Final Exam will be comprehensive. All sections of CHEM 1160 will take the exam on the day scheduled for common exams.

ATTENDANCE:

You are expected to attend classes regularly if you expect to be successful in this course. You will be responsible for all assignments made during class, whether or not you are in attendance. If you are absent from class, you should contact your instructor or another student in the class to learn of any assignments.

- **Excused Absences**

Your instructor requires that you submit for consideration a hand-written, signed, and dated excuse for any excused absence during which an assignment was missed, concisely explaining the reason for the absence. Please notify your instructor regarding any excused absence. In case of illness, it is important that you visit the University Health Service. The instructor will verify that the student was unable to attend classes on the test day by calling the Infirmary.

If a university field trip or athletic event conflicts with an exam/quiz/homeowrk date, you must arrange to complete the assignment early.

MISCELLANEOUS INFORMATION:

- Purchase a **scientific calculator** and bring the calculator to class regularly for use on exercises and quizzes. Suitable calculators are available for about \$10. **Programmable calculators will not be permitted on quizzes or exams.**
- **Study sessions** will be scheduled throughout the semester, particularly before examinations.
- Dr. Evans encourages you to utilize **email** for questions concerning the course.

CHEMISTRY LEARNING CENTER:

The Chemistry Department maintains a *Learning Center* in Room 343, *Science and Technology Building*. Hours of operation are posted outside of the center. Students are encouraged to avail themselves of this valuable departmental resource. The center is staffed by students who can provide assistance with coursework and the use of available audio/visual tutorials, tapes, and computer software as study aids. Practice exams and other course-related materials provided by a number of faculty can be accessed at: <http://www.ecu.edu/Learnchem>. Students may wish to use the computers in the center for working with your CD-ROM, *Central Science Live*, and connecting with the companion website for your textbook.

TENTATIVE CLASS SCHEDULE:

Period	Date	Chapter	Topic
1	January 7 (F)	25	Syllabus. The Chemistry of Life: Organic and Biological Chemistry (Sections 1-7)
2	January 10 (M)	25	The Chemistry of Life: Organic and Biological Chemistry (1-7)
3	January 12 (W)	25	The Chemistry of Life: Organic and Biological Chemistry (1-7)
	<i>January 13 (Th)</i>		<i>Last day for schedule changes (drop and add)</i>
4	January 14 (F)	25	The Chemistry of Life: Organic and Biological Chemistry (1-7) <i>Last day for schedule changes (add only)</i>
	January 17 (M)		State Holiday (no classes)
5	January 19 (W)	13	Properties of Solutions (Sections 1-5)
6	January 21 (F)	13	Properties of Solutions (Sections 1-5)
7	January 24 (M)	13	Properties of Solutions (Sections 1-5)
8	January 26 (W)	13	Properties of Solutions (Sections 1-5)
9	January 28 (F)	14	Chemical Kinetics (Sections 1-5; part of 6)
10	January 31 (M)		Exam 1 (Chapters 25, 13)
11	February 2 (W)	14	Chemical Kinetics (Sections 1-5; part of 6)
12	February 4 (F)	14	Chemical Kinetics (Sections 1-5; part of 6)
13	February 7 (M)	14	Chemical Kinetics (Sections 1-5; part of 6)
14	February 9 (W)	15	Chemical Equilibrium
15	February 11 (F)	15	Chemical Equilibrium
16	February 14 (M)	15	Chemical Equilibrium
17	February 16 (W)	15	Chemical Equilibrium <i>Last Day to Drop a Course</i>
18	February 18 (F)	16	Acid-Base Equilibria
19	February 21 (M)	16	Acid-Base Equilibria
20	February 23 (W)	16	Acid-Base Equilibria
21	February 25 (F)	16	Acid-Base Equilibria
22	February 28 (M)		Exam 2 (Chapters 14,15, part of 16)
23	March 2 (W)	17	Additional Aspects of Aqueous Equilibria (1-6)
24	March 4 (F)	17	Additional Aspects of Aqueous Equilibria (1-6)
25	March 7 (M)	17	Additional Aspects of Aqueous Equilibria (1-6)
26	March 9 (W)	17	Additional Aspects of Aqueous Equilibria (1-6)
27	March 11 (F)	17	Additional Aspects of Aqueous Equilibria (1-6)
	March 13-20		Spring Break (Sunday-Sunday)
28	March 21 (M)	19	Chemical Thermodynamics
29	March 23 (W)	19	Chemical Thermodynamics
	March 25 (F)		State Holiday (no classes)
30	March 28 (M)	19	Chemical Thermodynamics
31	March 30 (W)	20	Electrochemistry (Sections 1-6, 9)
32	April 1 (F)	20	Exam 3 (Chapters (Part of 16,17,19))

33	April 4 (M)	20	Electrochemistry (Sections 1-6, 9)
34	April 6 (W)	20	Electrochemistry (Sections 1-6, 9)
35	April 8 (F)	20	Electrochemistry (Sections 1-6, 9)
36	April 11 (M)	20	Electrochemistry (Sections 1-6, 9)
37	April 13 (W)	21	Nuclear Chemistry (Sections 1-8)
38	April 15 (F)	21	Nuclear Chemistry (Sections 1-8)
39	April 18 (M)	21	Nuclear Chemistry (Sections 1-8)
40	April 20 (W)	24	Chemistry of Coordination Compounds (Sections 1-4)
41	April 22 (F)	24	Chemistry of Coordination Compounds (Sections 1-4)
42	April 25 (M)	24	Exam 4 (Chapters 20,21,24)
			<i>Last Day of Classes</i>
	April 26 (T)		Reading Day
	April 27 (W)		Final Exam: (5:00 - 7:30 PM; room to be announced)

TIPS AND SUGGESTIONS FOR SUCCEEDING IN CHEM 1160:

Your instructor is very committed to helping you succeed and excel in this course. However, your success will require dedication and much hard work on your part. Your gains from the course will be proportional to the effort that you put forth. Consistent daily study and problem-solving are essential; do not get behind! Regular practice and repetitions are vital to success, not only in sports, dance, and music, but also in chemistry. Your grade will be determined primarily by your performance on the Hour Exams and the Final Exam which will test your understanding and working knowledge of the material. Your performance on exams will generally reflect the effort you put forth on daily study and homework assignments.

- Maintain your Coursepak/lecture notes, problem sets, exams, and quizzes in a 3-ring binder for easy reference. Use of dividers with tabs to organize your binder is recommended. Bring extra notebook paper to class with your Coursepak for recording additional notes and for use on pop quizzes.
- Attend class regularly and ask questions when a topic is unclear. Make good use of class time devoted to problem-solving.
- Consistent, daily study and problem-solving are vital to your success in this course! Keep up on a daily basis and avoid getting behind. You should devote about two to three hours per day to study and problem-solving.
- Read (and reread, as necessary) the assigned textbook chapter very early during the scheduled class coverage. Study all examples carefully and anticipate and formulate your questions for class.
- Work neatly and completely the assigned exercises/questions in the textbook on a regular basis as early as possible during the scheduled class coverage. Keep these problem sets in your binder for easy reference. Reread the textbook coverage as necessary. Be prepared to ask questions concerning assigned problems during class, SI sessions, or study sessions.
- Prior to each class meeting, carefully preview and study about the next 7-8 pages of your Coursepak lecture notes and formulate any questions for lecture. Work the Coursepak exercises in a timely fashion, prior to class, if possible. Reread the notes and textbook as needed.
- Review and understand the *Key Terms* and concepts in the *Summary* after reading each textbook chapter.
- Use the optional student *Central Science Live* CD-ROM and *Chemistry Live* website to practice exercises for each chapter and view animations of important concepts.
- Make use of your instructor's office hours. Dr. Evans maintains an "Open Door" policy and welcomes your visits when the door is open. His schedule is posted outside of his office. Consider also, that many questions can easily be answered or problems discussed by e-mail or telephone, often saving you a trip to campus. Use your instructor as a resource!
- Attend and participate in *Supplemental Instruction (SI)* sessions scheduled several times each week and taught by advanced students. SI equates to a valuable "free" tutoring service!
- Attend and participate in Study Sessions offered by your instructor.
- Visit the Chemistry Learning Center (*Science and Technology 343*) for additional assistance, for use of computer tutorials, and to work exercises and view animations on your CD-ROM and connect to the *Chemistry Live* web-site. Use the iMac's in the Computer Lab (*Science and Technology 347*) to work exercises and view animations on your CD-ROM and connect to the *Chemistry Live* web-site.