Xavier University of Louisiana

Syllabus for General Chemistry

Website: [http://www.xula.edu]

Fall 2009 Course Plan - issued August 24-25, 2009

Course Title, Number, and Section: General Chemistry(all sections of lectures and drills)

Each student MUST be enrolled in the lecture AND one of the related drills in order to receive credit for either Chemistry 1010 or 1020. Generally, each lecture will have an enrollment of approximately 100 students and each drill will have approximately 25 students. Lectures in General Chemistry are purposely larger than usual at Xavier in order to make it financially possible to provide the small drills. (Note: All sections of General Chemistry at Xavier are "standardized" in order to make it possible to offer a broad array of support services for students enrolled in the course at a minimum cost. Therefore, this syllabus is published jointly by all faculty for **all** sections of lecture and drill of both Chemistry 1010 and Chemistry 1020.) **IMPORTANT NOTE**: In order for a student to repeat a course more than once, there must be written permission of the student's departmental advisor or chair and the chair of the department in which the course is offered.

Chemistry 1010				
Lecture	**Time**	**Days**	**Teacher**	**Room**
01	8-8:50	MWF	Adams	Science 105
02	3-3:50	MWF	Meda	Science 105
03	8-9:15	TR	Birdwhistell	Science 105
04	10-10:50	MWF	Kolesnichenko	Science 105
05	2:40-3:55	TR	Bilyeu	Science 105
Drill	**Time**	**Days**	**Teacher**	**Room**
01	8-9:50	M	T. Johnson	Science 104
02	1-2:50	M	Adams	Science 104
03	3-4:50	M	Dinh	Science 104
04	8-9:50	T	Peters	Science 104
05	10-11:50	T	Meda	Science 104
06	1:15-3:05	T	Hutchinson	Science 104
07	3:15-5:05	T	Bailey	Science 104
08	8-9:50	W	L. Johnson	Science 104
09	1-2:50	W	Kolesnichenko	Science 104
10	3-4:50	W	Birdwhistell	Science 104
11	8-9:50	R	Cooper	Science 104
12	10-11:50	R	Jason	Science 104
13	1:15-3:05	R	Holmes	Science 104
14	3:15-5:05	R	Winn	Science 104
15	8-9:50	F	Bilyeu	Science 104
16	1-2:50	F	Morgan	Science 104
17	3-4:50	F	Kaglear	Science 103

Chemistry 1020				
Lecture	**Time**	**Days**	**Teacher**	**Room**
01	12-12:50	MWF	Privett	Science 105
02	10:50-12:05	TR	Privett	Science 105
Lecture	**Time**	**Days**	**Teacher**	**Room**
01	8-9:50	M	Anderson	Science 103
02	3-4:50	M	Young	Science 103
03	8-9:50	T	Privett	Science 103
04	1-2:50	W	Jackson	Science 103
05	3-4:50	W	Fertitta	Science 103
06	1:15-3:05	R	Bullard	Science 103
07	3:15-5:05	R	Kuntz	Science 103
08	8-9:50	F	Charles	Science 103
09	1-2:50	F	Nguyen	Science 103

Hours Credit: Three semester hours

Instructors, Office Locations and Phone Extensions:

Instructors	Office Locations	Phone Extensions	Email Addresses
Dr. Michael Adams	Science 314	Extension 5300	mradams@xula.edu
Dr. Bryan Bilyeu	Science 301-G	Extension 5414	bbilyeu@xula.edu
Dr. Teresa Birdwhistell	Science 341	Extension 7370	tbirdwhi@xula.edu
Dr. Vladimir Kolesnichenko	Science 301-F	Extension 5430	vkolesni@xula.edu
Dr. Lamar Meda	Science 301-L	Extension 5324	lmeda@xula.edu
Dr. Ann Privett	Science 318	Extension 5079	aprivett@xula.edu

Office Hours: Other times by appointment

	Monday	Tuesday	Wednesday	Thursday	Friday
Dr. Adams	10-12	2-4	9-10	2-3	
Dr. Bilyeu					
Dr. Birdwhistell	1:30-3		9-11	2-4	
Dr. Kolesnichenko	11-12:30		11-12 3-4	9:30-11 1:30-2:30	
Dr. Meda	9-11		10-12		
Dr. Privett	10-11	2-4	1-3	1:30-2:30	11-12

Course Description:

- **From XU's Catalog:** General Chemistry I-II -Atomic structure, bonding, chemical stoichiometry and calculations, states of matter, thermochemistry, kinetics, electrochemistry, and equilibrium. 1010 and 1020 have three lectures per week. 1010DR and 1020DR are drill sessions meeting once per week. In order for a student repeat a course more than once, there must be written permission of the student's advisor or chair and the chair of the department in which the course is offered.
- **Prerequisites:** MATH0960DV and MATH0981DV(if required) are prerequisites for CHEM1010/1010DR. CHEM1010/1010DR are prerequisites for CHEM1020/1020DR.
- **Corequisites:** CHEM 1010 and 1010DR; CHEM1020 and 1020DR.

Course Description cont. :

- **Additional detail:** General Chemistry sequence (Chemistry 1010-1020) is designed for students who have aspirations of obtaining careers in biochemistry, chemistry, biology, medicine, dentistry, pharmacy, and similar areas. Because of Xavier's commitment to help correct the severe under-representation of African Americans in science-related fields, the course has many nontraditional, special features specifically designed to maintain high standards while at the same time providing support to the underprepared. These features and the rationale for each are listed on the following pages:

	Special Feature			**Reason for Feature**
Feature #1	The content and the pace at which material is covered is determined by the entire Chemistry Department, not by an individual lecturer.		**Reason**	To ensure that all students who complete the sequence have the background needed for upper-level chemistry courses, regardless of who teaches in the course.
Feature #2	Where possible, an "inductive" teaching approach is used, that is, concepts are generally introduced by first considering experimental data and then proceeding to theory.		**Reason**	To provide a perspective of science as it is--a way of thinking, rather than merely a body of facts, laws, and theories to be memorized.
Feature #3	Topics are taught in a "spiral" fashion, that is, by returning to them over and over, providing more and more detail each time the material is mentioned rather than presenting all the students need to know at one time.		**Reason**	To help students integrate material and thus help them both learn concepts and remember them when they arise in the future.
Feature #4	Students are required to enroll for both a large lecture and a small drill section when taking any of the courses.		**Reason**	To guarantee that each student is taught all of the material that he/she should be taught, while, at the same time provides personal attention without raising the cost of tuition beyond that which a student might afford.
Feature #5	A special workbook developed by XU faculty tells the students *exactly* what they are to study, *exactly* what problems they are to work, and *exactly* what concepts/problems will be tested on each exam.		**Reason**	To ensure that each student knows exactly what he/she must do to reach the high level of performance which is expected in the courses.
Feature #6	Lectures focus on learning concepts (not just memorizing), *while at the same time*, providing step-by-step procedures for solving problems.		**Reason**	To help students learn both content and the type of step-by-step problem solving so common in the sciences.
Feature #7	Weekly quizzes (in drill) taken *directly* from homework *coupled* with "instant" grading and the opportunity i*n class* to learn the material missed on the quiz with help from an instructor.		**Reason**	To encourage each student to study chemistry on a regular basis and to provide a mechanism which allows the student to assess what he/she knows and the time to remediate, with help from the drill instructor, before the student is so far behind he/she cannot catch up.
Feature #8	A grading system which provides approximately equal weight to subjective and objective testing.		**Reason**	To make it possible for the teacher(s) to determine that each student is really learning concepts while, at the same time, providing practice in taking the type of "standardized" exams required for entry into and/or licensure for science-related careers.
Feature #9	Points are given for completing the weekly assigned homework.		**Reason**	To encourage students to study chemistry on a regular basis.

Feature #10	The math the students need in chemistry is reviewed (in special "skills modules") just before they begin to use it.		**Reason**	To minimize the number of students who have difficulty in chemistry because of poor mathematical preparation.

Feature #11	Additional special skills modules teach students how to write a good definition, and review algebra, nomenclature, logs and quadratic equations.		**Reason**	To provide all students the "extras" which often make the difference between succeeding and failing in science-related careers.
Feature #12	Systematic assistance in building the student's general vocabulary *and* practice in solving high-level verbal and quantitative reasoning problems (from the GRE, the MCAT,the DAT, the PCAT, etc.) are a regular part of the weekly drill.		**Reason**	To help students obtain higher scores on the type of standardized exams which generally determine entry into graduate and professional schools and, in many cases, licensure after completion of a professional program.
Feature #13	There is systematic, repeated practice in building models of common chemical substances.		**Reason**	To help students develop the ability to visualize in 3D--a skill known to improve performance in both general and organic chemistry.
Feature #14	Points for visiting the student's academic adviser weekly.		**Reason**	To make certain that every student sees his/her adviser regularly and if necessary, obtains counseling regarding academic performance.
Feature #15	Laboratory experiments (developed by XU's faculty) which require that the student thinks and does real science rather than just follow instructions in a "cook book" fashion.		**Reason**	To help students develop the type of general problem solving skills used by scientists.
Feature #16	Short quizzes at the beginning of each laboratory which review and review and review important skills and concepts.		**Reason**	To make certain that students really learn concepts and remember them.
Feature #17	Weekly laboratory reports.		**Reason**	To provide the opportunity for students to reinforce the thinking skills developed while completing lab experiments and to provide the chance to improve their ability to write in a logical, systematic manner.
Feature #18	Prompt grading--within one week for laboratory reports, within 30 minutes for drill quizzes, and overnight for hour exams.		**Reason**	To capitalize on interest generated by exams thus maximizing the chance that students will still remember why they made mistakes and will avoid making them in the future.
Feature #19	An overriding emphasis when grading laboratory reports on correct spelling, grammar, syntax, and logical reasoning.		**Reason**	To help the student develop the type of writing skills needed to succeed in the scientific world.

Required Text and Materials: Six items are required for Chemistry 1010 and Chemistry 1020. All items except the calculator and laminated periodic table are available in XU's bookstore. Items required are:

1. *Chemistry* by Steven S. Zumdahl (D.C. Heath and Co., 1997), 7th or 8th Edition.
2. *General Chemistry Handbook* (*Volume I* for Chemistry 1010, *Volume II* for Chemistry 1020) by JW Carmichael,et. al. (Stipes Publishing, Champaign, IL)
3. *Vocabulary for the College-Bound Student* by Harold Levine (Amsco School Publications, Inc., 1983), 3rd or 4th Edition. (Note: This is the same book used in SOAR).
4. *Organic Chemistry Molecular Model Set*
5. Calculator with logs, sines and scientific notation. (Any brand is okay. Service Merchandise has a TI-30 SLR Stat for about $14.00.) **YOUR CALCULATOR CANNOT BE PROGRAMMABLE!!!!**
6. Laminated periodic table to be used in drill. Details for purchase will be given in lecture.

Course Objectives: Upon completing Chemistry 1010 or 1020, a student should:

1. Understand the changing nature of science.
2. Have a perspective of the scope of modern chemistry and its implications for society.
3. Display mastery of those concepts of chemistry needed to succeed in upper level chemistry and chemistry-based courses.

Course Requirements:

- **General Requirements:** You must be registered for both a Chemistry 1010 lecture sequence **and** a Chemistry 1010 DR (drill) in order to receive credit in Chemistry 1010 at Xavier. Similarly, you must register for both Chemistry 1020 lecture and Chemistry 1020 Drill in order to receive credit for Chemistry 1020. The lecture meets 3 hours/week in a large section to impart information. Each drill section is scheduled to meet one two-hour period each week during which time you will be given a short quiz to identify areas of weakness and then provided individual assistance as you work on those areas in which you are weak. Because of the large number of students in General Chemistry at Xavier, it is very unlikely that you will have the same person for lecture that you have for drill. This is okay because the various lecture and drill instructors meet weekly to jointly plan what is happening in the course. You will not be able to benefit from this planning, however, unless you attend class. THEREFORE, YOU ARE EXPECTED TO SHOW UP FOR ALL CLASSES ON TIME AND TO STAY UNTIL THE END OF THE CLASS PERIOD.

- **Attendance Policy:** The university attendance policy for non-degree credit and 1000 level courses states that absence is considered excessive when the number of absences exceeds twice the number of times the class meets per week. This means that six absences is the maximum number of absences allowed for MWF lectures and four absences is the maximum number of absences allowed for TR lectures. The total number of absences includes days missed for any reason including illness, late registration, or late enrollment in the course. Excessive absences will result in the grade of FE(failure because of excessive absence). The university attendance policy is stated in the university catalog.

- **Drill:** Chemistry is difficult for most students because a) it requires a high level of analytical reasoning, and b) everything you learn depends on things you learned previously. In an effort to maximize the number of students who pass the course AND, at the same time, provide a high quality course, General Chemistry at XU is structured so as to give each student the opportunity to learn the various topics well as he/she goes along. This is accomplished by organizing lecture and drill so that material covered in lecture one week is tested and remediated in drill the following week. The material covered each week in lecture is specified in your General Chemistry Handbook in a series of Study Guides. Each Study Guide provides a list of learning goals which tell you exactly what you must learn, a list of activities which you may use to learn the material, and a set of sample problems(homework). **You are expected to study the material in each module and work all problems before coming to your drill class**. When you arrive at the drill, you will be expected to...
    - turn in your homework (sample problems) from the module as you enter the classroom door;
    - turn in your advisor's card with your homework;
    - use the first 30-minutes of the drill to take a quizzes which are exactly like the sample problems from your module;
    - take a short vocabulary quiz on the words indicated on your schedule;
    - assemble the assigned model (if applicable, see the module) with the members in your assigned group;

spend the remainder of the two-hour period working a number of problems similar to those you missed on the quiz. Generally, reinforcement will require that you work all **Make-ups:** We believe that it is educationally beneficial to give many exams. For details, refer to the **Evaluation** section of this course plan and the calendar that accompanies the course plan. However, because so many tests are given, it is not possible to offer make-ups for the exams. **Therefore, if you miss a drill or hour exam, you will normally receive a "0" for that grade. If death, illness, or a similar serious problem causes you to miss a drill or hour exam, it is possible that the lecturer will allow you to prorate that grade. To be considered for a prorate, you must provide documentation to your lecturer as soon as you return to class.**

- **Cheating:** According to University policy, if a student's test, examination paper, laboratory report, term paper, or other written assignment gives evidence of not being completely his/her own work, he may be given an F for the course. A student who communicates with anyone during the course of an examination or test, unless with the permission of the instructor, may be immediately dismissed from the room and given an F. Such communication includes attempts to read from another's paper. If a student is found to have brought study materials into the examination room without the instructor's permission, it may be assumed that he/she intended to use such materials unlawfully, and he/she may be penalized accordingly. Such behavior will result in disciplinary sanctions resulting in suspension, dismissal or expulsion from the University.

- **CELL PHONES ARE NOT ALLOWED IN THE LECTURE HALL. FAILURE TO COMPLY WITH THIS RULE WILL RESULT IN YOUR REMOVAL FROM THE CLASS ROOM.**

- **Students with disabilities:** It is the policy of Xavier University of Louisiana to accommodate individuals with disabilities pursuant to federal law and the University's commitment to equal educational opportunities. It is the responsibility of the student to present documentation to the instructor which clearly outlines all necessary accommodations. Any student requiring accommodations should contact Ms. Sheila August in the Counseling and Wellness Center in Building 15. After the student has received his/her accommodation form, he/she should meet with the instructor to discuss the provisions of those accommodations as soon as possible. The accommodations will begin the date the form is received by the instructor.

Evaluation:

- **Grading:** Final course grades will be assigned in Chemistry 1010 and 1020, on a "10-point" scale--that is, 90% = **A**, 80% = **B**, 70% = **C**, and 60% = **D**.
- **Midterm Grade**: Calculated using grade on first exam and scores on first five drills.
- For exact point breakdown, see the gradesheet accompanying this syllabus. You can earn points as follows:
    - Weekly Drills: 20 points for each drill quiz/homework (Note: Some part of the points lost on a drill quiz can be "earned back" by working designated problems for which you receive 1/2 credit.)
    - 1 point for each Homework Assignment
    - 5 points for each Vocabulary Quiz
    - 1 point each time you turn in your Adviser's card
    - 1 point each time there is a model to assemble

- **Skills Points:** 11 points for each Skills Module

- **Lecture Quizzes:** Unannounced quizzes will be given in lecture. Points earned on such quizzes will be prorated to a maximum of "20" before assigning final grades.

Evaluation cont. :

- **Hour Exams:** 100 points each for the 3 Hour Exams to test material as shown:

Exam	Material covered on exam	Date exam will be given
Hour Exam 1 (Chem 1010)	Modules 1, 2, and 3	Tuesday, Sept. 22 & Wed., Sept. 23
Hour Exam 2 (Chem 1010)	Modules 4, 5, and 6	Wednesday, Oct 21 & Thursday, Oct. 22
Hour Exam 3 (Chem 1010)	Modules 7A, 7B, and 8A	Monday, Nov. 16 & Tuesday, Nov. 17
Hour Exam 4 (Chem 1020)	Modules 11A, 11B, and 13	Tuesday, Sept. 22 & Wed., Sept. 23
Hour Exam 5 (Chem 1020)	Modules 14A, 14B, and 15A	Wednesday, Oct 21 & Thursday, Oct. 22
Hour Exam 6 (Chem 1020)	Modules 15B, 17, and 16	Monday, Nov. 16 & Tuesday, Nov. 17

- **Final Exams:**
  - **The final in Chemistry 1010** will be comprehensive in nature and will be worth 200 points. The final exams in Chemistry 1010 are scheduled as follows:

Section	Date & Time Final will be given
Final for Chemistry 1010.01	Tuesday, Dec. 8, 10:30-12:30
Final for Chemistry 1010.02	Thursday, Dec. 10, 1:30-3:30
Final for Chemistry 1010.03	Wednesday, Dec. 9, 8:00-10:00
Final for Chemistry 1010.04	Monday, Dec. 7, 1:30-3:30
Final for Chemistry 1010.05	Monday, Dec. 7, 10:30-12:30

  - **The final in Chemistry 1020** will be comprehensive in nature and will be worth 200 points. The final exams in Chemistry 1020 are scheduled as follows:

Section	Date & Time Final will be given
Final for Chemistry 1020.01	Wednesday, Dec. 9, 10:30-12:30
Final for Chemistry 1020.02	Tuesday, Dec. 8, 8:00-10:00

  - **Note: If you have any questions about any grade you receive on any activity, you must talk to your lecturer about the matter within 2 weeks of the date the grade is assigned.**

Course Outline: The following is a list of the materials to be covered in Chemistry 1010 and 1020. The Vocabulary and Skills assignments (if any) are to be completed at the same time as the corresponding chemistry module. A calendar indicating when each is due follows.

Chemistry 1010				
Module (in Handbook I)		*Vocabulary (in 3rd edition Vocaulary book)*	*Vocabulary (in 4th edition Vocabulary book)*	*Skills (in Handbook)*
0	Introductions	None	None	None
1	Basic Concepts	V101 (pp. 1-22)	V101 (pp. 1-23)	Definitions
2	Atoms, Molecules, & Ions	V102 (pp. 23-40)	V102 (pp. 24-45)	Algebra
3	Stoichiometry I	V103 (pp. 41-52)	V103 (pp. 46-57)	Nomenclature
4	Stoichiometry II	V104 (pp. 53-63)	V104 (pp. 58-69)	None
6	Thermochemistry I	V105 (pp. 63-73)	V105 (pp. 69-79)	None
5	Gases	V106 (pp. 73-84)	V106 (pp. 80-91)	None
7A	Structure of the Atom	V107 (pp. 84-94)	V107 (pp. 92-106)	None
7B	The Periodic Table	V108 (pp. 95-109)	V108 (pp. 107-122)	None
8A	Bonding I	V109 (pp. 110-129)	V109 (pp. 122-145)	None
8B	Geometry of Molecules	V110 (pp. 130-145)	V110 (pp. 146-159)	None
9	Bonding II	V111 (pp. 145-158)	V111 (pp. 160-176)	None
10	Liquids and Solids	None	None	None

Chemistry 1020				
Module (in Handbook II)		*Vocabulary (in 3rd edition Vocabulary book)*	*Vocabulary (in 4th edition Vocabulary book)*	*Skills (in Handbook)*
11A	Solutions I	None	None	Logarithms
11B	Solutions II	V121 (pp. 158-179)	V121 (pp. 176-202)	Rounding
13	Equilibrium	V122 (pp. 180-190)	V122 (pp. 203-214)	Quadratic Equations
14A	Acids and Bases I	V123 (pp. 191-197)	V123 (pp. 215-222)	None
14B	Acids and Bases II	V124 (pp. 198-206)	V124 (pp. 223-231)	None
15A	Acids and Bases III	V125 (pp. 207-217)	V125 (pp. 232-243)	None
15B	Solubility Product Equilibria	V126 (pp. 218-229)	V126 (pp. 243-255)	None
17	Electrochemistry	V127 (pp. 230-235)	V127 (pp. 256-261)	None
16	Thermochemistry II	V128 (pp. 235-244)	V128 (pp. 261-271)	None
12A	Kinetics I	V129 (pp. 245-254)	V129 (pp. 272-283)	None
12B	Kinetics II	V130 (pp. 255-264)	V130 (pp. 284-295)	None

NOTE: In the event that classes are cancelled due to a hurricane evacuation, assignments and other course materials will be posted on Blackboard. Students should access the Blackboard site as soon as possible following the evacuation.

August, 2009				
Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
24 Dr: Zero / Logs + Quads Lec: 1/11A	**25** Dr: Zero / Logs + Quads Lec: 1/11A	**26 Last day to add/change** Dr: Zero / Logs + Quads Lec: 1/11A	**27** Dr: Zero/ Logs + Quads Lec: 1/11A	**28** Dr: Zero/ Logs + Quads Lec: 1/11A
31 MODULE 0 due in lecture Dr: 1+DEFN+V101/ 11A+LOGS Lec: 2/11B				

September, 2009				
Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
1 MODULE 0 due in lecture Dr: 1+DEFN+V101/ 11A+LOGS Lec: 2/11B		**2** Dr: 1+DEFN+V101/ 11A+LOGS Lec: 2 /11B	**3** Dr: 1+DEFN+V101/ 11A+LOGS Lec: 2/11B	**4** Dr: 1+DEFN+V101/ 11A+LOGS Lec: 2/11B
7 **LABOR DAY HOLIDAY**	**8** Dr: 2+ALG+V102/ 11B+Round+V121 Lec: 3/13	**9** Dr: 2+ALG+V102/ 11B+Round+V121 Lec: 3/13	**10** Dr: 2+ALG+V102/ 11B+Round+V121 Lec: 3/13	**11** Dr: 2+ALG+V102/ 11B+Round+V121 Lec: 3/13
14 Dr: 2+ALG+V102/ 11B+Round+V121 Lec: 3/13	**15** Dr: 3+NOMEN+V103/ 13+Quads+V122 Lec: 4/14A	**16** Dr: 3+NOMEN+V103/ 13+Quads+V122 Lec: 4/14A	**17** Dr: 3+NOMEN+V103/ 13+Quads+V122 Lec: 4/14A	**18** Dr: 3+NOMEN+V103/ 13+Quads+V122 Lec: 4/14A
21 Dr: 3+NOMEN+V103/ 13+Quads+V122 Lec: 4/14A	**22** Dr: Mandatory Review **Lec: HR1/HR4** 	**23** Dr: Mandatory Review **Lec: HR1/HR4** 	**25** Dr: Mandatory Review Lec: 6/14B	**26** Dr: Mandatory Review Lec: 6/14B
28 Dr: 4+V104/ 14A+V123 Lec: 6/14B	**29** Dr: 4+V104/ 14A+V123 Lec: 6/14B	**30** Dr: 4+V104/ 14A+V123 Lec: 6/14B		

October, 2009				
Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
			1 Dr: 4+V104/ 14A+V123 Lec: 5/15A	**2 Last day to remove an "I"** Dr: 4+V104/ 14A+V123 Lec: 5/15A
5 Dr: 6+V105/ 14B+V124 Lec: 5/15A	**6 Founder's Day** Dr: 6+V105/ 14B+V124 Lec: 5/15A	**7** Dr: 6+V105 / 14B+V124 Lec: 5/15A	**8** Dr: 6+V105 / 14B+V124 Lec: 7A/15B	**9** Dr: 6+V105 / 14B+V124 Lec: 7A/15B
12 FALL BREAK	**13** FALL BREAK	**14** Dr: 5+V106 / /15A+V125 Lec: 7A/15B	**15** Dr: 5+V106 / 15A+V125 Lec: 7A/15B	**16** Dr: 5+V106 / 15A+V125 Lec: 7A/15B
19 Dr: 5+V106 / /15A+V125 Lec: 7B/17	**20 Mid Terms Due** Dr: 5+V106 / /15A+V125 Lec: 7B/17	**21** Dr: Mandatory Review **Lec:** **HR2/HR5** 	**22** Dr: Mandatory Review **Lec:** **HR2/HR5** 	**23** Dr: Review / Review Lec: 7B/17
26 Dr: 7A+V107 / 15B+V126 Lec: 7B/17	**27** Dr: 7A+V107 / 15B+V126 Lec: 7B/17	**28** Dr: 7A+V107 / 15B+V126 Lec: 8A/16	**29** Dr: 7A+V107 / 15B+V126 Lec: 8A/16	**30 Last day to drop a course w/a "W"** Dr: 7A+V107/ 15B+V126 Lec: 8A/16

November, 2009				
Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
2 Pre-reg for Spring Dr: 7B+V108/ 17+V127 Lec: 8A/16	**3** Pre-reg for Spring Dr: 7B+V108/ 17+V127 Lec: 8A/16	**4** Pre-reg for Spring Dr: 7B+V108/ 17+V127 Lec: 8B /12A	**5** Pre-reg for Spring Dr: 7B+V108/ 17+V127 Lec: 8B/12A	**6** Pre-reg for Spring Dr: 7B+V108/ 17+V127 Lec: 8B/ 12A
9 Dr: 8A+V109 / 16+V128 Lec: 8B/12A	**10** Dr: 8A+V109 / 16+V128 Lec: 8B/12A	**11** Dr: 8A+V109/ 16+V128 Lec: 9/12B	**12** Dr: 8A+V109/ 16+V128 Lec: 9/12B	**13** Last day to withdraw from the University Dr: 8A+V109/ 16+V128 Lec: 9/12B
16 Dr: Mandatory Review Lec: HR3/HR6 	**17** Dr: Mandatory Review Lec: HR3/HR6 	**18** Dr: 8B+V110 / 12A+V129 Lec: 9/12B	**19** Dr: 8B+V110 / 12A+V129 Lec: 9/12B	**20** Dr: 8B+V110 / 12A+V129 Lec: 10/18
23 Dr: 8B+V110 / 12A+V129 Lec: 10/18	**24** Dr: 8B+V110 / 12A+V129 Lec: 10/18	**25** Thanksgiving Holiday	**26** Thanksgiving Holiday	**27** Thanksgiving Holiday
30 Dr: 9+V111 / 12B+V130 Lec: 10/18				

December, 2009				
Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
	1 Dr: 9+V111 / 12B+V130 Lec: 10/18	**2** Dr: 9+V111 / 12B+V130 Lec: Review/Review	**3** Dr: 9+V111 / 12B+V130 **Lec: Module 10 Quiz**	**4** Last Class Day Dr: 9+V111/ 12B+V130 **Lec: Mod 10 Quiz/Mod 18 Quiz**
7 Finals Begin CHEM1010.05 10:30-12:30 CHEM1010.04 1:30-3:30	**8** CHEM1020.02 8:00-10:00 CHEM1010.01 10:30-12:30	**9** CHEM1010.03 8:00-10:00 CHEM1020.01 10:30-12:30	**10** CHEM1010.02 1:30-3:30	**11** Finals End

GENERAL CHEMISTRY TUTORING CENTER
NCF ACADEMIC SCIENCE COMPLEX
ROOM 108
(to the right inside the entrance to the Premed Office)

Hours: Monday - Thursday 3 - 7 pm AND Friday 1 - 3 pm

Purpose: To provide group tutoring for students enrolled in General Chemistry, to provide information regarding the biomedical sciences, and to answer questions about procedures at XU.

Staffed by: "Peer Counselors" (Upper-level XU students) who made good grades in General Chemistry and have demonstrated the ability to communicate with others.

What the Center **IS**:

- A place to get help in General Chemistry
- A place to get answers to specific questions regarding your notes, text, or handbook
- A place where you can work together with others in your class

What the Center **IS NOT**:

- A replacement for lecture
- A lounge (no food or drink allowed)
- A place where someone will work your homework for you. They will show you how to do ONE or find you an example. YOU have to do the work so YOU are prepared for quizzes and exams.
- A place to get help if you haven't done any advanced work. That is, you should come with specific questions, not "I don't understand chemistry."

Chemistry 1010 Grade Sheet Fall, 2009

Instructions: This sheet allows you to calculate both your grade for the day and your current (cumulative) grade in Chemistry 1010 as you complete each drill or hour exam. You should record your grades on this sheet as you earn them and record the totals for the day on your Adviser's Card.

Activity	Quiz	Home Work	Adviser Card	Vocab	Model	Skills	Your Points Today/ Max Points Today	Your % Points Today	Your Letter Grade Today		Your Points Cum/Max Possible Cum Points	Your % Cum Points	You Cun Lett Gra
Module 0	/20	NA	NA	NA	NA	NA	/ 20				/ 20		
Module 1	/20	/1	/1	/5	NA	NA	/ 27				/ 47		
Definitions	NA	/1	NA	NA	NA	/10	/ 11				/ 58		
Module 2	/20	/1	/1	/5	NA	NA	/ 27				/ 85		
Algebra	NA	/1	NA	NA	NA	/10	/11				/ 96		
Module 3	/20	/1	/1	/5	NA	NA	/ 27				/ 123		
Nomen-clature	NA	/1	NA	NA	NA	/10	/ 11				/ 134		
Exam 1	/100	NA	NA	NA	NA	NA	/ 100				/ 234		
Module 4	/20	/1	/1	/5	NA	NA	/ 27				/ 261		
Module 6	/20	/1	/1	/5	NA	NA	/ 27				/ 288		
Module 5	/20	/1	/1	/5	/1	NA	/ 28				/ 316		
Exam 2	/100	NA	NA	NA	NA	NA	/ 100				/ 416		
Module 7A	/20	/1	/1	/5	/1	NA	/ 28				/ 444		
Module 7B	/20	/1	/1	/5	/1	NA	/ 28				/ 472		
Module 8A	/20	/1	/1	/5	/1	NA	/ 28				/ 500		
Exam 3	/100	NA	NA	NA	NA	NA	/ 100				/ 600		
Module 8B	/20	/1	/1	/5	/1	NA	/ 28				/ 628		
Module 9	/20	/1	/1	/5	/1	NA	/ 28				/ 656		
Module 10	/20	NA	NA	NA	NA	NA	/ 20				/ 676		
LecPts*													
LecPts*							/20 MAX				/ 696		
Final	/200	NA	NA	NA	NA	NA	/ 200				/ 896		

Grade Scale for all activities: ≥90 = A, 80-89.9999=B, 70-79.9999=C, 60-69.9999=D

*Lecture points are distributed as the semester proceeds by your lecturer but not summed up until the end of the the semester. There will be a maximum of 20 lecture points.

REMINDER: If you have any questions about any grade you receive on any activity, you must talk to your lecturer about the matter within 2 weeks of the date the grade is assigned

Chemistry 1020 Grade Sheet Fall, 2009

Instructions: This sheet allows you to calculate both your grade for the day and your current (cumulative) grade in Chemistry 1020 as you complete each drill or hour exam. You should record your grades on this sheet as you earn them and record the totals for the day on your Adviser's Card.

Activity	Quiz	Home Work	Adviser Card	Vocab	Model	Skills	Your Points Today/ Max Points Today	Your % Points Today	Your Letter Grade Today		Your Points Cum/Max Possible Cum Points	Your % Cum Points	You Cur Let Gra
Module 11A	/20	/1	/1	NA	NA	NA	/ 22				/ 22		
Logs	NA	/1	NA	NA	NA	/10	/ 11				/ 33		
Module 11B	/20	/1	/1	/5	/1	NA	/ 28				/ 61		
Rounding Rules	NA	/1	NA	NA	NA	/10	/ 11				/ 72		
Module 13	/20	/1	/1	/5	/1	NA	/ 28				/ 100		
Quadratic Equations	NA	/1	NA	NA	NA	/10	/ 11				/ 111		
Exam 4	/100	NA	NA	NA	NA	NA	/ 100				/ 211		
Module 14A	/20	/1	/1	/5	/1	NA	/ 28				/ 239		
Module 14B	/20	/1	/1	/5	/1	NA	/ 28				/ 267		
Module 15A	/20	/1	/1	/5	/1	NA	/ 28				/ 295		
Exam 5	/100	NA	NA	NA	NA	NA	/ 100				/ 395		
Module 15B	/20	/1	/1	/5	/1	NA	/ 28				/ 423		
Module 17	/20	/1	/1	/5	/1	NA	/ 28				/ 451		
Module 16	/20	/1	/1	/5	/1	NA	/ 28				/ 479		
Exam 6	/100	NA	NA	NA	NA	NA	/ 100				/ 579		
Module 12A	/20	/1	/1	/5	/1	NA	/ 28				/ 607		
Module 12B	/20	/1	/1	/5	/1	NA	/ 28				/ 635		
Module 18	/20	NA	NA	NA	NA	NA	/ 20				/ 655		
LecPts*													
LecPts*							/ 20 MAX				/ 675		
Final	/200	NA	NA	NA	NA	NA	/ 200				/ 875		

Grade Scale for all activities: ≥90 = A, 80-89.9999=B, 70-79.9999=C, 60-69.9999=D

*Lecture points are distributed as the semester proceeds by your lecturer but not summed up until the end of the the semester. There will be a maximum of 20 lecture points.

REMINDER: If you have any questions about any grade you receive on any activity, you must talk to your lecturer about the matter within 2 weeks of the date the grade is assigned.