

INTRODUCTORY CHEMISTRY

CHM 1025, SECTION 4206

2 CREDITS

SUMMER B 2015

INSTRUCTOR: James Sternberg

OFFICE HOURS: TBA

COURSE TA: TBA; office hours in the Chemistry Learning Center (Keene-Flint Hall, 257-258)

COURSE DESCRIPTION: CHM 1025, a two-credit course, is offered for students who wish to strengthen their understanding of basic concepts of atomic structure and stoichiometry before beginning the general chemistry sequence (CHM 2045/2045L, CHM 2046/2046L). This introductory readiness course in general chemistry is for those with weak yet satisfactory backgrounds in high school chemistry and algebra. (P)

A grade of “C” or better is required for progression to CHM 2045.

COREREQUISITES: MAC 1147 or the equivalent.

COURSE COMMUNICATIONS: General course questions should be posted to the Q&A board in Canvas. The course TA or instructor will respond within 24 h during the work week (allow 48 h over the weekend). Private or grade-related questions should be sent to your instructor via the mail function in Canvas.

REQUIRED TEXT AND MATERIALS: A significant portion of your grade stems from electronic homework associated with an ebook (MasteringChemistry & Learning Catalytics). You have two options for purchasing access, each of which includes an electronic copy of the text (*Basic Chemistry*, 4th ed., Timberlake & Timberlake, Pearson): 1) you may consent to have the purchase price charged to your student account (following the directions posted under “Start Here” on the course home page in Canvas – you will be refunded the charge if you drop the course during Drop/Add); 2) you may purchase an access code for the materials at the UF Bookstore (the price may be higher at the bookstore). Note, **these are the only two places you can obtain a valid, working access code for this course.** If you choose, you can also purchase an inexpensive loose leaf hardcopy of the text at the bookstore, though this is

not required. You may consult a hardcopy of the text at the Marston Science Library Reserves, though any general chemistry/introductory chemistry textbook can be referenced.

COURSE POLICIES:

EXAM POLICY: Two cumulative progress exams (07/10; 07/24) and a cumulative final examination (08/07) will be administered. Each exam will consist of ~25 multiple choice questions. Any material covered prior to the exam date is eligible to appear on the exam. **There are no dropped exam grades.**

Scantron errors are non-negotiable. This includes form code errors, registry errors, and name and UF ID errors. Students may not use graphing or programmable calculators on exams. You may use scientific calculators with exponent capability. No other device may be used as a calculator (cell phones, iPods, etc.). No spare calculators will be available for use during exams, nor will spare batteries.

MAKE-UP POLICY: Conflict exams may be offered to students with another assembly exam at the same time in a course with a higher number than ours, or to students with well-documented, UF-approved reasons (<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>). Such exams are offered in advance of the scheduled exam. It is your responsibility to identify yourself as requiring such accommodation at least one full week prior to the exam. If you fail to do so, you may not be accommodated and the missed exam will be dropped. There are no make-up exams in general chemistry at University of Florida. Please refer to the official General Chemistry Exam Absence Policy available in e-Learning.

ASSIGNMENT POLICY:

1. MASTERINGCHEMISTRY "TUTORIAL" ASSIGNMENTS: You will access MasteringChemistry homework directly from within Canvas. A MasteringChemistry electronic homework assignment will be due the night of the corresponding lecture, beginning the second week of class (07/06). The assignment grading policy (late policy, etc.) is detailed in Canvas under the "Start Here" heading. Generally, assignments may be submitted late with a penalty of 10% per day late. The late penalty is assessed on a question-by-question basis; it is generally not advisable to "give up" on a question in order to submit the assignment on time. All assignment scores will be considered final on the last day of term, August 7th @ 11:59 PM (this simply means the later assignments don't have the usual 10-day late for partial credit policy; each assignment has its own, firm, due date and time). There are no extensions for technical difficulties or other

reasons – the assignments are available well in advance of their due dates. For technical help with MC, contact MC support (not the Help Desk or your instructor). **There are no “dropped grades” for any of these assignments.**

2. DYNAMIC STUDY MODULES: These study aid assignments can be found within MasteringChemistry. There are 7 such assignments, each equally weighted. **The lowest one of the 7 grades is dropped.** Each assignment is estimated to require 30 min to complete.

3. DISCUSSIONS: The student is expected to contribute to the threaded discussions (Discussions tab in Canvas) according to the advertised timeline. ***Bonus points for each discussion are available.*** See detailed information on discussion grading under the “Start Here” section of Canvas. There is no credit for submissions made more than 24 h after their posted due date/time, as all discussion assignments are available well in advance of their due dates. **The one lowest discussion grade is dropped.**

4. LEARNING CATALYTICS: We will be utilizing Learning Catalytics as a classroom response system in this course, beginning immediately after the Drop/Add period (07/01). You must bring a web-enabled device to each class to participate. You must answer each question correctly to receive credit. **Points can be made up for incorrect answers, for absence, or for those without portable web-enabled devices on MasteringChemistry homework assignments designated for this purpose.** The total points possible for the sum of LC and the designated make-up MC assignments is equal to the points available in the LC assignments (i.e. you cannot achieve extra points by answering correctly in LC and also doing the MC assignments).

5. WRITTEN ASSIGNMENTS AND PEER REVIEW: The student will participate in peer review in which he/she composes a written document, grades his/her peers, and has his/her assignment graded by peers, using Peerceptiv. Full assignment descriptions can be found using the “Written Assignments” tab in Canvas. Detailed instructions for assignment submission, participation and grading can be found in Canvas under the “Start Here” section, including the procedure for grade disputes regarding the writing grade portion of each assignment grade. **Assignments must be submitted as directed to be considered for credit – emailed submissions to the instructor will not be considered for any credit.** **The lowest two written assignment grades are dropped.** It’s recommended that you fully explore the “Written Assignments” tab well in advance of the first assignment due date, so you can ask your instructor if you have any procedural questions.

COURSE TECHNOLOGY: All UF students are expected to have reliable access to a computer; suggested configurations may be found here: <https://training.helpdesk.ufl.edu/computing.shtml>. Check the [MasteringChemistry requirements](#) to ensure you have the necessary plugins to complete the assignments.

UF POLICIES:

UNIVERSITY POLICY ON ACCOMMODATING STUDENTS WITH DISABILITIES: Students requesting accommodation for disabilities must first register with the Dean of Students Office (<http://www.dso.ufl.edu/drc/>). The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation. You must submit this documentation prior to submitting assignments or taking the quizzes or exams. Accommodations are not retroactive, therefore, students should contact the office as soon as possible in the term for which they are seeking accommodations. Note that the DRC requires advance notice to schedule accommodated exams.

UNIVERSITY POLICY ON ACADEMIC MISCONDUCT: As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.” You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida. The following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.” It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php>.”

NETIQUETTE: COMMUNICATION COURTESY: All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats.

<http://teach.ufl.edu/wp-content/uploads/2012/08/NetiquetteGuideforOnlineCourses.pdf>

FEEDBACK: Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu>.

GETTING HELP:

For issues with technical difficulties for Canvas, please contact the UF Help Desk at:

- Learning-support@ufl.edu
- (352) 392-HELP - select option 2
- <https://lss.at.ufl.edu/help.shtml>

TUTORING/CHEMISTRY HELP:

The Chemistry Learning Center (CLC) is located in Keene-Flint Hall rooms 257 and 258. Chemistry graduate students offer free help during the week.

The [UF Teaching Center](#) has free walk-in help, or you can schedule an appointment. You can also watch interactive practice CHM 1025 exams.

GRADING POLICIES:

Should a student wish to dispute any grade received in this class (other than simple addition errors), the dispute must be in writing and be submitted to the instructor within 72 h of receiving the grade (within 24 h of the final exam).

GRADE DISTRIBUTION:

1. MasteringChemistry tutorial assignments (8%)
2. Written Assignments (two lowest grades are dropped) (5%)
3. Progress Exams (2 equal exams; 43% total)
4. Cumulative Final Exam (25%)
5. Discussion Boards (lowest grade is dropped) (8%)
6. LearningCatalytics (or make-up MC homework assignments) (8%)

7. Dynamic Study Modules (lowest grade is dropped) (2%)
8. Surveys and Syllabus Quiz (1%)

GRADING SCALE:

A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E
88%	85	81	78	75	71	67	65	61	57	55	<55

For more information:

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx#hgrades>

<http://www.isis.ufl.edu/minusgrades.html>

Disclaimer: This syllabus represents my current plans and objectives. As we go through the semester, those plans may need to change to enhance the class learning opportunity. Such changes, communicated clearly, are not unusual and should be expected.