

INTRODUCTORY CHEMISTRY

CHM 1025, SECTION 6030

2 CREDITS

FALL 2014

INSTRUCTOR: Matt Burg

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). A chemistry readiness assessment (ChRA) is offered online on ISIS. The score achieved determines whether CHM 1025 or CHM 2045 is the appropriate first course in chemistry. 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: Your student account will be charged automatically for the etext and access to MasteringChemistry and Learning Catalytics (the “clicker”). If you would like a hard copy of the textbook (Basic Chemistry, 4th ed., Timberlake & Timberlake, Pearson) you may purchase an inexpensive loose leaf version at the bookstore (ISBN-13: 9781269740609).

COURSE POLICIES:

EXAM POLICY: Four cumulative progress exams and a cumulative final examination 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. The lowest progress exam score (not the final) is dropped.

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: You will access MasteringChemistry homework directly from within Canvas. No access code is required. A MasteringChemistry electronic homework assignment will be due 1 h before each class, beginning the second week of class (after Drop/Add). Generally, the student is given 10 chances to answer correctly with a small deduction for an incorrect response; multiple-choice questions are marked as incorrect after one incorrect response. Assignments may be submitted late with a penalty of 10% per day late. **Note: the late penalty is assessed on a question-by-question basis; do not “give up” on a question in order to submit the assignment on time.** All assignments must be submitted by December 10th at 11:59 pm at which time the scores will be considered final. There are no extensions for technical difficulties or other reasons – the assignments are all available well in advance of their due dates. For technical help with MC, contact MC support (not the Help Desk or your instructor).

2. DISCUSSIONS: The student is expected to contribute to the threaded discussions (Discussions tab in Canvas) according to the advertised timeline. Original posts and comments on other students' posts are required. See the Discussion Board grading rubric(s) for details. There is no credit for late submissions, as all discussion assignments are available well in advance of their due dates.

3. LEARNING CATALYTICS: We will be utilizing Learning Catalytics as a classroom response system in this course. You must bring a web-enabled device to each class to participate. We will begin using LC in class after Drop/Add. You must answer each question correctly to receive credit. Questions will be broadly based upon MC assignments due prior to class, lecture video assignments (see viewing schedule), and in-class demonstrations. Points can be made up for incorrect answers, for absences, 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).

4. 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, at www.turnitin.com. Instructions for accessing the course page at www.turnitin.com can be found in Canvas. Each step of the process is graded; the student receives points for assignment submission (20%), for performing the reviews (30%) and for the quality of his/her own work as judged by his peers following a detailed rubric (50%). There are two deadlines for each assignment – assignment submission and peer review. There are no late submissions for any reason – ensure you submit well in advance of the deadline. Each assignment is available immediately and can be attempted in advance; assignments may be resubmitted up to the assignment submission deadline.

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. You may request a .pdf version of your accommodation letter from the Dean of Students Office to send electronically to your instructor.

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, usually weekdays between periods 2-9.

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 (Turnitin) (15%)
3. Progress Exams (40%) (best 3 of 4)
4. Cumulative Final Exam (20%)
5. Discussion Boards (7%)
6. Learning Catalytics (or make-up MC homework assignments) (8%)
7. Surveys and Syllabus Quiz (2%)

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.