

INTRODUCTORY CHEMISTRY (ONLINE)

CHM 1025, SECTION 4B93

2 CREDITS

SUMMER B 2015

ONLINE COURSE

INSTRUCTOR: Melanie Veige

CLB C130B

E-mail through Canvas only; e-mail sent to any other e-mail address will not receive a response.

(352) 392-0518

OFFICE HOURS: TWR 9-10 am in the CLC

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

COURSE WEBSITE: <http://lss.at.ufl.edu>; select e-Learning in Canvas

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 Piazza in Canvas. The course TA or instructor will respond to emails & Piazza posts within 24 h during the work week (wait until Monday for responses to questions posed over the weekend). Private or grade-related questions should be sent to your instructor via the mail function in Canvas. Do not email your instructor outside of Canvas – you will not receive a response.

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): **Option 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); **Option 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.

ADDITIONAL REQUIREMENTS: A computer with webcam, microphone, and speakers is required.

PURPOSE OF COURSE: CHM 1025 is designed to help students master the basic concepts of chemistry and acquire the skills necessary for success in the mainstream general chemistry sequence.

GENERAL EDUCATION: CHM 1025, Introductory Chemistry, is a General Education physical science (P) course. The topics covered include classification of matter and nomenclature. The student will apply the topics covered, including classification of matter, to real-world items. Is a bowl of chicken noodle soup a homogeneous or heterogeneous mixture? How do thermochemical principles explain formation of condensate on the exterior of a glass of iced water?

COURSE AND GENERAL EDUCATION STUDENT LEARNING OBJECTIVES: The student will:

- Demonstrate an understanding of basic chemical concepts, including classification of matter.
- Gain an understanding of the vocabulary of chemistry, which permeates society on food and product labels, and in discussion of current events (pollution and climate change, sustainable energy).
- Demonstrate the ability to apply chemistry-centered mathematical concepts effectively to real-world solutions; for example, calculating Calories in an item of food.

- Distill and analyze information from multiple perspectives, including that presented in tabular or graphic format. The student will apply logical reasoning skills in this task.
- Communicate scientific findings clearly and effectively using oral, written or graphic forms. The student will participate in threaded discussion forums, within small cohorts, based on broader themes related to each module.

INSTRUCTIONAL METHODS: The course material is delivered via recorded lectures by your instructor and others, and by key readings in the text.

COURSE POLICIES:

QUIZ/EXAM POLICY: Two proctored exams (cumulative) will be administered in Canvas. These exams are remotely proctored by ProctorU. It is your responsibility to register with ProctorU and reserve an exam time on the available dates (Exam 1: 7/19-7/20; Exam 2: 8/4-8/5). To register go to <http://go.proctoru.com>. ***Ensure that you are reserving for the correct course*** – there are examinations for similarly numbered courses in their system that may have different dates available. If you fail to make a reservation sufficiently in advance, a late fee may be assessed by ProctorU, and you may have difficulty obtaining a desirable exam time. Failure to reserve a time slot in advance is not an acceptable reason for a make-up. If you encounter technical difficulties with ProctorU, call ProctorU directly.

End-of-module quizzes are delivered in Canvas. These quizzes are not proctored, but are timed, and are subject to the Honor Code. You will have 2 attempts at each quiz, with the highest score counting for credit. **The lowest one such quiz score is dropped.**

If you believe you have found an error on a quiz/exam or would like to dispute a response, the deadline for doing so is the last day of term (August 7th @ 11:59 pm) after which quiz and exam scores are considered final.

MAKE-UP POLICY: A conflict exam/quiz will be offered to those students with valid conflicts (<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>). It is your responsibility to identify yourself as requiring such accommodation *at least one week prior* to the exam. If, during the exam, you experience technical difficulties with ProctorU, the correct course of action is to contact ProctorU. If you experience technical difficulties with Canvas, contact the Help Desk immediately at 392-HELP. A ticket number will be created to log the time and nature of the problem. You must contact your instructor via e-mail within 24 h of the technical difficulty to be considered

for a make-up. The ticket number will be required by your instructor should a make-up exam be requested.

ASSIGNMENT POLICY:

1. MASTERINGCHEMISTRY: You will access your electronic textbook and the MasteringChemistry homework directly from within Canvas. Full assignment descriptions, grading policy, late policy, and a list of due dates are provided in Canvas (see the “Start Here” section). All assignment scores will be considered final on August 7th at 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 all available well in advance of their due dates. For technical help with MC, contact MC support (not the Help Desk or your instructor). Additional practice, not-for-credit homework assignments and practice quizzes have been created for you in MasteringChemistry. These are not mandatory, and are not considered for credit or extra credit. **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 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. 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 and participation 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: The student may require Adobe Acrobat Reader, Adobe Flash Player, Microsoft Silverlight and other software; there are free tutorials on many software applications you may encounter on Lynda.com. 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>. ProctorU has specific hardware/software requirements: <http://www.proctoru.com/tech.php>. 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. 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 with 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>

****** Any requests for make-ups due to technical issues **MUST** be accompanied by the ticket number received from LSS when the problem was reported to them. The ticket number will document the time and date of the problem. You **MUST** e-mail your instructor within 24 hours of the technical difficulty if you wish to request a make-up/extension.

Other resources are available at <http://www.distance.ufl.edu/getting-help> for:

- Counseling and Wellness resources
- Disability resources
- Resources for handling student concerns and complaints
- Library Help Desk support

Should you have any complaints with your experience in this course please visit <http://www.distance.ufl.edu/student-complaints> to submit a complaint.

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 homework (15%)
2. Quizzes (lowest score is dropped) (20%)
3. Proctored (online) Exam 1 (21%) and Exam 2 (21%)
4. Discussion Boards (lowest score is dropped) (10%)
5. Written Assignments (Peerceptiv) (two lowest scores are dropped) (9%)
6. Dynamic Study Modules (lowest one is dropped) (2%)
7. Syllabus Quiz and Surveys (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.