

BASIC CHEMISTRY: CONCEPTS AND APPLICATIONS I (UF ONLINE)

CHM 1030, SECTION 1165

3 CREDITS

SPRING 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: TBA

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

COURSE WEBSITE: <http://ufl.instructure.com>

COURSE DESCRIPTION: CHM 1030 is the first half of the CHM 1030/1031 sequence, a terminal sequence for nonscience students that presents chemistry from a medical/nursing and life science perspective. CHM 1030 provides an overview of topics in general chemistry. (P)

PREREQUISITE KNOWLEDGE AND SKILLS: High school algebra is necessary.

COURSE COMMUNICATIONS: General course questions should be posted to Piazza in Canvas. The course TA or instructor will respond to posts 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. If you email your instructor outside of Canvas, you will be asked to resend the message using Canvas.

REQUIRED TEXT: You are provided immediate access to an electronic copy of the textbook (Timberlake, *General, Organic, and Biological Chemistry: Structures of Life*, 4th ed., Pearson) and access to online homework (MasteringChemistry), at no additional charge. If you would like a hard copy of the textbook you may purchase an inexpensive loose leaf version at the bookstore.

PURPOSE OF COURSE: This course fulfills the preprofessional requirements in the College of Nursing and some majors in the College of Agricultural and Life Sciences.

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

COURSE STUDENT LEARNING OBJECTIVES: The student will:

- Demonstrate an understanding of basic chemical concepts, including classification of matter.
- Demonstrate the ability to apply chemistry-centered mathematical concepts effectively to real-world solutions; for example, calculating Calories in an item of food, and using half-life to assess potential dangers of radioactive isotopes.
- Communicate scientific findings clearly and effectively using oral, written or graphic forms.
- 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.

COURSE POLICIES:

QUIZ/EXAM POLICY: Three sectional exams will be administered in Canvas and remotely proctored by ProctorU. While each exam will be based upon the material of that section, some overlap in material covered is to be expected. It is your responsibility to register with ProctorU and reserve an exam time on the available dates (Exam 1: 2/12-2/13; Exam 2: 3/26-3/27; Exam 3: 4/21-4/22). To register go to <http://go.proctoru.com>. 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. The student may take the quizzes at any time within the permitted window. The lowest 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 (04/22) after which quiz and exam scores are considered final.

MAKE-UP POLICY: A conflict exam 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.

CALCULATORS: A basic statistics calculator (with log, ln, root and exponent functions) is necessary for this course. Calculators are allowed during exams but may not be shared. Cell phones may not be used for calculations, and should be turned off while in class as a general class policy.

ASSIGNMENT POLICY:

1. MASTERINGCHEMISTRY (MC): You will access your electronic textbook and the MasteringChemistry homework directly from within Canvas. No access code is required. Full assignment descriptions, grading policy, late policy, and a list of due dates are provided in Canvas. All assignments must be submitted by April 22nd 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 – instructions as to how to do so are provided in the Start Here section of Canvas. There is no credit for late submissions, as all discussion assignments are available well in advance of their due dates.

3. 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. Instructions and additional information is provided in the Start Here section in Canvas.

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, usually weekdays between periods 2-9.

The [UF Teaching Center](#) has free walk-in help for CHM1025 and CHM2045/2046 – the tutors for these courses should be able to help you, or you can schedule an appointment. You can also watch interactive practice exams from those courses.

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 Exam 3).

GRADE DISTRIBUTION:

1. MasteringChemistry homework (15%)
2. Quizzes (20%)
3. Proctored (online) Exam 1 (15%), Exam 2 (15%) and Exam 3 (15%)
4. Discussion Boards (8%)
5. Written Assignments (Peerceptiv) (10%)
6. Syllabus Quiz and Surveys (1%)
7. Pre Course Math Quiz (1%)

GRADING SCALE:

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|-----|----|----|----|----|----|----|----|----|----|----|-----|
| 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/>

COURSE SCHEDULE:

SUGGESTED STUDY SCHEDULE: See the suggested study schedule on the Syllabus page in Canvas.

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.