

# GENERAL CHEMISTRY I (UF ONLINE)

CHM 2045, SECTION 1A10

3 CREDITS

SPRING 2016

ONLINE COURSE

**INSTRUCTOR:** Melanie Veige  
CLB C130B  
E-mail through Canvas only

**OFFICE HOURS:** Your instructor would be happy to help you learn Chemistry, face-to-face, at a time and place convenient to you. Sadly, that is not possible in a purely online course. Therefore, we will do the best we can to reproduce that experience. If you wish to contact your instructor, message her from within Canvas with three distinct times that would be convenient for you to have a conversation, between 8 am-3 pm EST on weekdays. If your instructor is online and available, she will contact you immediately, or will choose one of the times you have offered as an appointment, and message you back. Most questions can be answered through the messaging tool itself, perhaps with an attached screenshot or two. We can also conduct a video conference if that is more suited to the question at hand.

**COURSE WEBSITE:** <https://ufl.instructure.com/courses/336066>

**FIRST THING YOU SHOULD DO:** Log into Canvas and access the course. **Click on the Syllabus tab** on the left hand side – once the Syllabus page completes loading, you will see every single due date for every assignment for the entire semester. Also, click on the **Start Here** link on the course home page for a wealth of useful information. For those of you on/near campus, find the **Chemistry Learning Center and Broward Teaching Center**, and familiarize yourself with the Academic Technology computer labs on campus, which have computers available for student use 24/7, in case you have a personal computer problem. You will also benefit immensely if you can form a study group with other students in the class.

**COURSE DESCRIPTION:** CHM 2045 is the first half of the CHM 2045/2046 sequence. Prerequisite information and credit suitability can be found in the Undergraduate Catalog.

**COURSE COMMUNICATIONS:** Private or grade-related questions should be sent to your instructor via the mail function in Canvas.

**REQUIRED TEXT:** All course materials will be available through the course website in Canvas. There is no print textbook. Most of the activities and content will be delivered through Cengage MindTap, which is embedded in our Canvas site through which it is accessed after initial registration. You can either 1) opt in to authorize the charge for the text/online homework activities to be posted to your student account or 2) purchase the code at the UF Bookstore. Option #1 is time-limited. Opt in instructions are provided in the Start Here section of Canvas as well as on the Syllabus page.

A full topic outline and schedule can be found on the Syllabus page in Canvas.

### **WHAT IS MINDTAP?**

- It is our textbook.
- It contains a large number of example problems with solutions.
- It has instructional videos.
- It has activities that develop skills through drill.
- It has assessments that help you gauge your mastery of the concepts.
- It has >500 graded responses that constitute 40% of your course grade.

Register for MindTap as soon as our course begins. See the Start Here section for instructions.

**ADDITIONAL REQUIREMENTS:** A computer with webcam, microphone, and speakers is required. This is for proctored exam testing. You should visit their website for specific technical details and requirements.

**COURSE OBJECTIVES:** As both a general education requirement and major's course, CHM2045 serves to teach the scientific method, skills for problem solving, general chemistry knowledge, and a connection to the principles that govern the natural world.

This course is entirely online. This course is not easier, shorter, or less work than any CHM2045 course taught on UF's main campus. This online version of CHM2045 covers the same material in at least the same level of detail as any other General Chemistry course, and you should learn at least as much as the average student in a conventional course. You will have to do this learning differently. Instead of going to a large auditorium and listening to a 50 min lecture delivered without interruption or interaction, you will enjoy a presentation of the same material on your computer,

delivered at your pace, interspersed with example problems and interactive exercises. You choose your pace, but do so wisely. Don't fall behind. Do all the assignments by the assigned due date. They cannot be completed late for credit. To be successful, you should plan on spending at least an hour or two of work on this course every day. If you cannot commit to that, you will not succeed. This alone does not guarantee success, but without this time commitment, your chance of success is much less.

## EXAM POLICIES:

**EXAMS:** Four proctored exams (the fourth is cumulative) will be administered in Canvas. These exams are remotely proctored on the dates: 01/30, 02/27, 04/03, 04/22. *Any anticipated conflict should be reported to your instructor immediately.*

Refer to the General Chemistry Exam Absence Policy: [https://www.chem.ufl.edu/wp-content/uploads/sites/38/2015/07/exam\\_absence\\_policy\\_gen\\_chem\\_s13.pdf?610c64](https://www.chem.ufl.edu/wp-content/uploads/sites/38/2015/07/exam_absence_policy_gen_chem_s13.pdf?610c64)  
See also <https://catalog.ufl.edu/ugrad/current/regulations/info/exams.aspx>

Detailed information about the exam proctoring process is posted in the Start Here section of Canvas.

**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.

**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>.

## 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](mailto: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, or you can schedule an appointment. You can also watch interactive practice exams from similar chemistry courses.

## GRADING POLICIES:

### GRADE DISTRIBUTION:

1. Exam 1 (14%)
2. Exam 2 (14%)
3. Exam 3 (14%)
4. Final Exam (18%)
5. MindTap Activities (40%)

### GRADING SCALE:

A	A-	B+	B	B-	C+	C	D+	D	D-	E
90%	87	83	80	77	73	70	66	63	60	<60

For more information:

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

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

## GENERAL EDUCATION

This course satisfies the General Education requirement in the Physical Sciences.

### PHYSICAL SCIENCE GENERAL EDUCATION PROGRAM OBJECTIVES:

Physical science courses provide instruction in the basic concepts, theories and terms of the scientific method in the context of the physical sciences. Courses focus on major scientific developments and their impacts on society, science and the environment, and the relevant processes that govern physical systems. Students will formulate empirically-testable hypotheses derived from the study of physical processes, apply logical reasoning skills through scientific criticism and argument, and apply techniques of discovery and critical thinking to evaluate outcomes of experiments.

These objectives are accomplished through active participation in the carefully designed course activities, interaction and communication with the teaching staff and peers, and individual, but guided, effort by the student.

## GENERAL EDUCATION STUDENT LEARNING OUTCOMES:

Area	Institutional Definition	Institutional SLO
<b>CONTENT</b>	Content is knowledge of the concepts, principles, terminology and methodologies used within the discipline.	Students demonstrate competence in the terminology, concepts, methodologies and theories used within the discipline.
<b>COMMUNICATION</b>	Communication is the development and expression of ideas in written and oral forms.	Students communicate knowledge, ideas, and reasoning clearly and effectively in written or oral forms appropriate to the discipline.
<b>CRITICAL THINKING</b>	Critical thinking is characterized by the comprehensive analysis of issues, ideas, and evidence before accepting or formulating an opinion or conclusion.	Students analyze information carefully and logically from multiple perspectives, using discipline specific methods, and develop reasoned solutions to problems.

Naturally, all three areas of learning outcomes will be assessed in all categories of graded assignment administered in CHM2045.

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.