

# SURVEY OF CHEMISTRY I

## CHEM 1151

### FALL 2016

<b>Instructor</b>	Dr GAQUERE-PARKER (Lecture only) Office 2-119 TLC, Phone 678-839-6026 email: <a href="mailto:agaquere@westga.edu">agaquere@westga.edu</a>
<b>Class time</b>	T,R: 9.30-10.45 am, TLC 1-305.
<b>Office Hours</b>	T,R: 10.45 am - 12.30 pm and 1.45 pm - 2.30 pm, W 9.00 am - noon.
<b>Textbook</b>	<i>General, Organic and Biological Chemistry</i> , 5 <sup>th</sup> Edition, by Timberlake (loose leaf), plus MasteringChemistry plus iclickers (ISBN 0133880303), Required

#### Purpose

This is the first course in a two-semester sequence covering the elementary principles of general, organic and biochemistry for allied health professions and non-science major students. This course discusses general chemistry with an emphasis on applied chemistry to health topics.

#### General policy

The lecture meets for 85 minutes 2 days per week, study session (workshop) meets an additional 90 minutes per week. In addition, laboratory activities will include hands-on experiments and problem solving and will meet another 2 hours a week. Moreover optional supplemental instruction will be available weekly with a grade incentive to attend. **Lecture power-point notes will NOT be printed** for the students but will be available online so students can print them before coming to class. Everything that has been taught since the beginning of the class is supposed to be known at any point of time and the students might be quizzed at any time on it during the semester. There will be 4 examinations during the semester plus the final one, which is an American Chemical Society standardized examination. Unannounced in class quizzes will be given, the lowest quiz will be dropped. Questions for a grade will be asked and answers will be recorded at each class period using iclickers. Also students will be required to watch videos online and answer questions online for a grade. If a student misses the deadline, it will not be reopened. No make-up quiz, clicker question or exam will be given. **If you miss an examination, the grade obtained on the final examination will replace the missing grade, if you miss two examinations, the grade obtained on the final examination will replace both of them...**

## Learning outcomes

Students who complete this course are expected to develop:

- an understanding of the basic concepts covered in the text content,
- an awareness of the role of general chemistry in everyday life,
- a basic comprehension of some applications of chemistry to human physiology,

## Study Skills: supplemental instruction

The best way to make sure that you have thoroughly understood the material covered in class is to read the text, work through the appropriate problems, and participate in study session, on a REGULAR BASIS. Keep track of the end of chapter problems that give you the most difficulty, and try similar problems for additional practice and review. Keep up with the class, ask questions frequently in study sessions and in lab. **In addition to lecture, lab and workshop, students may attend a supplemental instruction session on a weekly basis. In these sessions, a student who has successfully passed this class will help you review and study important concepts studied in lecture. Although this is optional, attendance to these sessions will be recorded and will be used as part of the grade under the form of extra credit. Studies have shown that students who attend these sessions do better on exams than those who do not. Also if you miss one or more of these sessions, you are always welcome to come back. Attending these sessions do not replace attending lecture, lab and workshop which are all mandatory activities. More info will be provided in class.**

## In-Class Assignments

Attendance to the class meetings is required and will be recorded with iclickers (using another student's clicker or answering the roll call for another student is considered academic misconduct and will be penalized with a zero for both students). You may earn a zero out of one hundred on the activity of the day you missed without a valid excuse (medical certificate or judicial note...) or if you are expelled for disruptive behavior. If you forgot your iclicker or if it is not working for any reason, you will not get credit for that day, even though you were present in class.

## Schedule for the examinations

Examination 1, chapters 2, 3, 4: Thursday, September 8<sup>th</sup>.

Examination 2, chapters 5, 6 7: Thursday, September 29<sup>th</sup> (Last day to withdraw with a W is September 30<sup>th</sup>).

Examination 3, chapters 8, 9: Thursday, October 27<sup>th</sup>.

Examination 4, chapters 10, 11: Thursday, November 17<sup>th</sup>.

Final ACS Examination (Comprehensive): Thursday, Dec. 8<sup>th</sup>, 8:00 am, TLC 1-305.

You will be given 60 minutes to complete each exam and no exam will be dropped. The exam dates will not be postponed, please make every attempt to be present at these times since no makeup exam will be given. Please arrive on time, as no extra time will be given if you arrive late.

If there is a conflict with the final examination time, you must provide me the written authorization from the Dean of Arts & Sciences to move your final examination time. This note should be delivered to me at least two weeks prior to the scheduled final examination time. You are required to take the final examination to be eligible to pass the course. Each examination will be closed book and cumulative. After each examination, you should go over your paper and understand what you missed.

### **Policy on cheating- Academic misconduct**

Cheating on a lab report or a quiz or any assignment for the first time will result in a score of zero for that particular paper. If the student is caught cheating a second time, his grade for the entire course will be an F. Furthermore, if a student is caught cheating on an examination, he will automatically receive a grade F for the entire course. Any infraction will be taken before the disciplinary committee and played out to the fullest extent. Cheating will never be tolerated. Unless a special medical condition (medical certificate required), no student will be allowed to leave the room during an exam. Leaving the room means to be finished with the exam, completed or not.

### **SEMESTER GRADES**

Your grade will be calculated based on the following formula:

$\% = 0.65 \times (\text{Exam average (not including mock exams)}) + 0.15 \times \text{Lab average} + 0.10$   
(iclickers Questions + Quizzes in lecture + Assignments given in lecture + mock exams)  
 $+ 0.10 \times \text{Workshop}$

The exam average is calculated as follows:

Exam average = (exam 1 + exam 2 + exam 3 + exam 4 + final ACS exam) / 5

Note: All exam, quiz and lab activity grades will be based on your ability to DEMONSTRATE full understanding of the material (with full credit given only if you SHOW ALL YOUR WORK, not just for obtaining the correct answer).

Course %	Letter Grade
90% - 100%	A
80% - 89%	B
70% - 79%	C
60% - 69%	D
0% - 59%	F

**Extra credit:** There is no extra credit for this class except for attending and actively participate in the **supplemental instruction sessions**: one point per session actively attended to be added to this average (iclickers Questions + Quizzes in lecture + Assignments given in lecture + mock exams). (actively: i.e. just showing up, being distracted by electronic devices or asleep for instance do not count as active participation).

**Communication:**

The official communication method will be through campus e-mail (MyUWG or D2L), no other form of communication will be accepted as this system only verifies the identity of the interlocutor.

**Policy on withdrawals:**

Undergraduate students may withdraw from courses with a grade of “W” (Withdraw Passing) a maximum of six times during their entire undergraduate enrollment at the University of West Georgia. Students must withdraw from courses during the Withdrawal “W” Period, as noted on the Registrar’s Calendar in The Scoop. Retroactive withdrawals for prior terms are not permitted. The Withdrawal “W” Period typically begins after Drop/Add and closes at mid-term. Grades of “W” do not count toward the grade point average. For complete policy information, please visit the registrar’s website.

**Workshop, supplemental instruction and laboratory:**

A different document will be given regarding these components.

**University policy**

[http://www.westga.edu/assetsDept/vpaa/Common\\_Language\\_for\\_Course\\_Syllabi.pdf](http://www.westga.edu/assetsDept/vpaa/Common_Language_for_Course_Syllabi.pdf)