

**SURVEY OF CHEMISTRY I**  
**CHEM 1151**  
**Fall 2019**

<b>Lecture</b>	Instructor: Dr. Gaquere-Parker 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 1305 (there are 4 class meetings a week: two for lecture on T, R: 9.30-10.45 am, plus one for lab plus one for workshop). Please see your own schedule for your lab and workshop meeting times.
<b>Office Hours</b>	T, R: 10.45 am - 2 pm, W: 10:45 am – 2.15 pm
<b>Materials</b>	Textbook: Chapters will be posted online free of charge but an access code to Knewton is required: ISBN is: 978-1-63545-244-0 <b>Ordering Information:</b> Access code orders can be placed ON DEMAND and 24/7 by visiting our order portal: <b><u><a href="http://www.knewton.com/orders">www.knewton.com/orders</a></u></b> Access codes are delivered immediately via email in the form of a CSV file. Scantron formats will be announced in class and a scientific calculator.
-----	
<b>Lab</b>	Instructor: Dr. Hansen Office 2-126 TLC, Phone 678-839-6021 email: <a href="mailto:jhansen@westga.edu">jhansen@westga.edu</a>
<b>Workshop</b>	Instructor: Ms. Otwell Office 2-132 TLC, Phone 678-839-6035 email: <a href="mailto:dotwell@westga.edu">dotwell@westga.edu</a>

-----  
**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 75 minutes 2 days per week, study session (workshop) meets an additional 90 minutes once a week. In addition, a weekly lab meeting is required; laboratory activities will include hands-on experiments and problem solving and will

meet another 2 hours a week. Optional supplemental instruction will be available weekly with a grade incentive to attend (bonus based on the attendance and active participation record). **Lecture power-point notes and textbook chapters will NOT be printed** for the students but will be available online so students can print them before coming to class. Students should read the chapters before coming to class and complete their Knewton homework by the deadline. 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 and assignments will be given, the lowest grade will be dropped. Attendance will be recorded and is essential to success in the course. Students will have to perform homework online through the Knewton website, the ISBN code is: 978-1-63545-244-0. If a student misses the deadline for an online assignment, it will not be reopened. No make-up quiz, ticket 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/all 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, complete the Mastering Chemistry homework and participate in study session, on a REGULAR BASIS. Keep track of the 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 and active participation 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 SI 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 (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.

### **Schedule for the examinations**

Examination 1, chapters 1, 2, 3: Thursday, September 5<sup>th</sup>

Examination 2, chapters 4, 5, 6: Tuesday, October 8<sup>th</sup> (Last day to withdraw with a W is October 9<sup>th</sup>)

Examination 3, chapters 7, 8: Tuesday, November 5<sup>th</sup>

Examination 4, chapters 9, 10: Thursday, December 5<sup>th</sup>

Final ACS Examination (Comprehensive and timed: 55 minutes for 60 questions):

**Thursday, Dec. 12, 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 Sciences and Mathematics 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, no cheat sheet will be provided, calculators are allowed (and necessary). 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:

$\% = 0.60 \times (\text{Exam average (not including any open book assignment)}) + 0.15 \times \text{Lab average} + 0.15 (\text{Lecture assignments/activities (+SI bonus points)+ Lecture Homework and Knewton}) + 0.10 \times \text{Workshop}$

The exam average is calculated as follows:

$\text{Exam average} = (\text{exam 1} + \text{exam 2} + \text{exam 3} + \text{exam 4} + \text{final ACS exam}) / 5$

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).

**Final grade assignment:**

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 the lecture activity average (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)