

**Organic Chemistry-II-Syllabus- Summer 2018 Chemistry Department As on May 7/2018**

**If changes are needed, changes will be made. Please read ASAP to understand how to prepare for June 4/ 2018.**

**CHEM 2410** CRN- 54349 ADHOLD 5 class 2:00-3:40pm.

**Instructor:** Dr. Angela Maria Navarro-Eisenstein **Office:** 836-Langdale, **Phone:** (404)-413-5541

**Email:** [anavarro@gsu.edu](mailto:anavarro@gsu.edu). When sending an e-mail, **under the subject heading**, please state in which class you are enrolled. (CHEM 2410) It is important you email from your GSU account to receive a prompt response. **I rarely reply to emails from Icollege, only when I access the platform to enter grades.** Please, do not e-mail through Gmail, Hotmail, etc. as they could go to spam.

**Prerequisite:** Successful completion of Chemistry 2400

Textbook: Organic Chemistry by John McMurry 9<sup>th</sup> edition or whichever student has used in CHEM2400/

**Office Hours:** 836-Langdale "First come first serves", Tuesdays and Thursdays 2:30-5:00pm or by appointment.

**Grades Tentative Cut Off for:**

**A+\*: 96 % A\*: 90%; A-: 87%; B+: 84% B: 80% B-: 77%, C+: 74% C: 70% C-: 67%, D= 64-66%, F= below 64%**

<b>4 hard copy homework/and on line quizzes</b>	<b>Many points</b>	<b>All Averaged to 35 pts</b>	<b>7%</b>
<b>5 best of 6 quizzes</b>	<b>@ 12 pts each</b>	<b>60 pts</b>	<b>12%</b>
<b>3 best of 4 exams</b>	<b>@ 85 pts each</b>	<b>255 pts</b>	<b>51%</b>
<b>ACS final</b>	<b>Curved</b>	<b>150 pts</b>	<b>30%</b>
		<b>500pts</b>	

- To receive a passing grade in this course, the student **MUST**
  - 1) take all 4 required exams- even though lowest grade will be dropped
  - 2) take the final ACS examination
- If you miss an exam for any reason that score will be dropped automatically. **NO MAKE-UP TESTS WILL BE GIVEN.** Students missing an exam will be expected to submit a written note explaining why the exam was missed. A student will not be excused from more than one test for any reason.
- **Semester Midpoint:** June 29th – Last day to receive a PW.
- **Final Exam:** Friday July 27th 1:30pm – 4:00pm, In Aderhold Learning 5. After instructions are given students will have the ACS recommended time. 120 minutes for 70 questions in multiple choice fashion. Students need to work the questions to arrive to the right answers.
- Use of Class Materials (*after Dr. Jeremiah Harden*): *The materials used in this class, including, but not limited to, exams, quizzes, and homework assignments are copyright protected works. Any unauthorized copying of the class materials is a violation of Federal law and may result in disciplinary actions being taken against the student. Additionally, the sharing of class materials without the specific, express approval of the instructor may be a violation of the University's Student Honor Code and an act of academic dishonesty, which could result in further disciplinary action. This includes, among other things, uploading class materials to websites for the purpose of sharing those materials with other current or future students.*
- **Preparation for the course:** Read the chapter to be discussed before you come to lecture. Work the problems within the chapter, as they bring step by step how to arrive to the answers. **Planning ahead is a key to success. Your performance in science is a lot better when you study daily.** As you read the material, you take written notes and **underline**. Use **highlighters** or color pens. That will help you throughout the semester and to study for the final. Exams are closed book.
- **The schedule provided is only tentative subject to changes if needed.**
- Students are required to check announcements of changes in Icollege (if any) and to attend to lecture as this is only a general plan for the course; deviations may be necessary.
- **Make-ups:** There is no chance for make ups due to time constraint. Plan accordingly.
- If you have concerns regarding the grade assigned to your exams you must submit your answer sheet for re-grading along with a written explanation of the concern. This submission must be made within two days of the date the exam was returned.
- **Class Preparation:** Suggested reading assignments should be completed before the each lecture. To study is not the same than to learn. **When you prepare yourself as if you have to teach the topic to a classmate or a friend or in front to the class: That is learning. To study is short term, learning is long term. If you learned chapters 1-13 congratulations. If you need to go back to those chapters, it is time to start studying as the final exam is ACS standardized. Studying the night before tests alone does not work. You have to practice a lot ahead to make sure you ace this course.**

Date	Topic and Reading assignment before each lecture and "Tentative schedule of assessments"- <b>If changes are needed, changes will be announced in class- From chapter 14 to 26</b>
<b>Week 1</b> Monday 6/4	Chapter 14 (Conjugated compounds- UV) –nomenclature-4.2 Allylic carbocation-14-4-Diels Alder
Wednesday 6/6	Chapter 15 (Benzene- Aromaticity)- and nomenclature of benzenes
<b>Friday 6/8</b>	<b>Quiz 1-</b> Chapter 16 (Electrophilic Aromatic Substitution) HW will be handed out during lecture. <b>If you are not present to pick up the HW you will not be able to complete the assignment.</b>
<b>Week 2</b> Monday 6/11	<i>Hard copy homework 1 is due</i> Chapter 16 (Electrophilic Aromatic Substitution)
Wednesday 6/13	<b>EXAM 1</b> (Review Information from organic I-and Tentative Chapters 14,15, 16)
<b>Friday 6/15</b>	Chapter 16/Chapter 17 Alcohols –phenols) <b>HW will be handed out during lecture. If you are not present to pick up the HW you will not be able to complete the assignment.</b>
<b>Week 3</b> Monday 6/18	<i>Hard copy homework 2 is due</i> is due more Chapter 17 Alcohols –phenols-
Wednesday 6/20	Chapter 18 ethers- thiols Intro to Chapter 19
<b>Friday 6/22</b>	<b>Quiz 2-</b> Chapter 19 aldehydes and ketones
<b>Week 4</b> Monday 6/25	<b>Exam 2</b> (Review Information from organic I -Tentative Chapters 17, 18 and 19)
Wednesday 6 /27	Chapter 19 aldehydes and ketones (and from <b>Chapter 25</b> , glucose –ribose-and fructose), formation of hemiacetals and acetals
<b>Friday 6/29</b>	<b>Quiz 3</b> (aldehydes reactions) Chapter 20 Carboxylic acids-nitriles <b>HW will be handed out during lecture. If you are not present to pick up the HW you will not be able to complete the assignment.</b>
<b>Week 5</b> Monday 7/2	<i>Hard copy homework 3 is due</i> Chapter 20 Carboxylic acids-nitriles and Chapter 21 Carboxylic acids derivatives
Wednesday 7/4	<b>Holiday Happy 4<sup>th</sup> of July - NO CLASS- use this time to catch up</b>
<b>Friday 7/6</b>	<b>Quiz 4</b> Chapter 21 Carboxylic acids derivatives
<b>Week 6</b> Monday 7/9	<b>Exam 3</b> (Review Information from organic I -Tentative Chapters 17 ( <b>again</b> ), and 19, 24, 20, 21)
Wednesday 7/11	Chapter 21 Carboxylic acids derivatives- Nucleophilic acyl substitutions
Friday 7/13	<b>Quiz 5</b> Chapter 22 carbonyl- alpha substitutions <b>HW will be handed out during lecture. If you are not present to pick up the HW you will not be able to complete the assignment.</b>
<b>Week 7</b> Monday 7/16	<i>Hard copy homework 4-due</i> Chapter 22 and 23 carbonyl condensations reactions
Wednesday 7/18	More Chapter 23, and chapter 24 amines nomenclature and acid/ base reactions
<b>Friday 7/20</b>	<b>Quiz 6 more</b> Chapter 24 (and from Chapter 26- a peptide bond formation) some amino acid- make flash cards only for Alanine, Phenylalanine, serine, cysteine, aspartate and lysine)
Monday 7/23	<b>Exam 4</b> (Information form organic I -Chapters ,21,22,23,24)
Wednesday 7/26	Reading days ( July-24- to July-26)
Friday 7/27	<b>ACS Final exam ADHOLD 5 at 1:30- 4:00pm You need to be on time- no make ups!</b>

- Academic Honesty: The honor code embraced by universities expresses an ideal of character, conduct, and

citizenship. This applies especially to academic honesty and integrity. Passing off someone else's work as your own represents intellectual fraud and theft, and violates the core values of academic community. You will be asked to sign up the honor code in bold as written beneath, along with your printed name on the first page of assessments. **"As a member of the student body taking this course, I consider myself bound, guaranteed and compelled by honor to develop and uphold high standards of honesty and behavior."**

- **Attendance:** Students are expected to attend all lectures. As a courtesy to your fellow students, please arrive on time and do not leave during the lecture. **Please bring me a schedule of your RELIGIOUS HOLIDAYS OBSERVANCE the FIRST WEEK of class.**
- **This course is complex for a summer class if you took Organic I long time ago. This is combined organic I and II:** I will hold you responsible for topics that I am not teaching you in the classroom: for example, Chapters 1-13, reactions of alkenes, alkynes and alkyl halides, spectroscopy discussed in lab and organic one. I will provide some material for you to review. Seek help ahead of time before you struggle. **Go to SI, use the tutoring center, and please use my office hours. To refresh what you have learned, I recommend that you work the problems from your textbook before summer semester begins.**
- **Disabilities:** Students who wish to request accommodation for a disability may do so by registering with the Office of Disability Services. Students may only be accommodated upon issuance by the Office of Disability Services of a signed accommodation Plan- students are responsible for providing a copy of accommodations plan to instructors of all classes in which an accommodation is sought. This is to be discussed in the office and never at the beginning or end of class in front of classmates.
- The University requires that faculty members must, on a date after the mid-point of the course to be set by the Provost (or his designee): A) **Give a WF** to all those students who are on their rolls but no longer taking the class and B) **Report the last day** the student attended or turned in an assignment.
- Students need to **show their GSU Panther ID card when taking any test, quiz or exam.** All tests/exams are taken in class. The basic ideas and principles on these exams come from the book and lecture material and are designed to test a student's 1) understanding of the concepts and 2) ability to solve problems, as well as 3) knowledge of the facts.
- Research shows that the more **different ways** you present information to the brain the easier it is to learn. In other words **hear it, see it, say it, write it, practice it, highlight it, quiz it**, etc.
- The lecture professor may retain copies of students' homework, quizzes or tests. Students are responsible for keeping all tests and other papers until after they have received their final grade for this course.
- **Believe you can succeed.** Be willing to pay the price. **Accept responsibility for your learning!** It is your choice. I could be the best teacher in the world but your performance depends only on the time and effort you invest in this course. Chemistry is a highly structured subject in which each new topic is based on others previously discussed. Therefore, if one topic is not mastered, it becomes *increasingly* difficult to master those that follow. **Attend all classes!** The quizzes and exams are based mostly on material that is covered in class. You must be present to know what is going on.
- The Instructor reserves the right to move students during the tests without any explanation. During all exams, sit up straight and keep your paper directly in front of you and out of sight from other students.
- Before an exam is given to the students, there should be nothing on your desk except pencils, erasers, a scantron (necessary for final exam), and ID (scratch paper will be provided, necessary for ACS final). Students are required to show (and leave) their student identification on the desk in order to take the test.
- You **cannot use your cell phone as a calculator or as a watch.** If you need to be on-call during an exam, you can turn your cell phone to "vibrate" and leave it up front with the instructor.
- **Calculator Policy:** Calculators are not permitted on any in class material. The final exam does not allow the use of a calculator, so we will not use them on in class quizzes and exams.
- Use the restroom and complete any other personal business before coming to an exam. Bring tissues in case you need them. Students may leave the room only after their exam has been turned in. Leaving the room during any testing procedure will result in a score of zero for the exam.
- Students arriving late to exams will not have any additional time.
- **Cancellation of Classes:** Official closure of the university is determined by the university administration. This sometimes occurs due to inclement weather, in which case notification will be made through local radio and television outlets.
- **Each student has the responsibility of checking their email and Icollege on a daily basis.**

- **Classroom etiquette:** Please do not reserve a seat for your friends coming late. Please **refrain from chit-chat** during class as it distracts not only the students who sit around you but also the instructor. Disruptive conduct during class will not be tolerated and **appropriate action will be taken against you** (refer to your copy of the Student Conduct Code).
- **Cheating:** All tests taken must represent your individual, unaided efforts. To receive or offer information during an examination is cheating. The use of unauthorized supplementary materials during tests is also cheating. A student who cheats on an exam will receive **a zero for that exam which cannot be dropped as the lowest grade**. Any suspected offenses may also be referred to the Department Chairman and/or the Dean of Students for appropriated disciplinary action. The Department of Chemistry follows the university policy on academic honesty published in the "Faculty Affairs Handbook" and the "On Campus: The Undergraduate Co-Curricular Affairs Handbook."

**Georgia State University Student Conduct and Integrity Policy:** *The Georgia State University Policy on Academic Honesty* is applicable to this course, including but not necessarily limited to infractions in the areas of **plagiarism, cheating on examinations, unauthorized collaboration, falsification, and multiple submissions**. This policy is published in *On Campus: the Student Handbook*, available to all members of the university community.

**Some Examples of Unacceptable Student Conduct:**

- ✓ Leaving class before the lecture is over
- ✓ Leaving class after taking a quiz or turning a homework
- ✓ Talking while your professor is lecturing distracting your fellow classmates
- ✓ Arguing with the professor about student conduct
- ✓ No following the testing procedures as listed in this syllabus
- ✓ No sitting up straight with paper directly in front of you during a quiz or exam or no keeping scantron covered
- ✓ No having your student ID for a quiz or test
- ✓ Letting your cell phone ring audibly during a lecture or exam or having a cell phone available during a quiz or test
- ✓ Using a disrespectful tone of voice, harsh words
- ✓ Using profanity or making inappropriate gestures of any kind