FINAL EXAMINATION, Monday, December 8th, 10:30 AM - 12:30 PM

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Instructor: Prof. George Richter-Addo
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Prerequisites: Instructor’s permission. Undergraduate Majors in Chemistry, Biochemistry or Chemical Biosciences. Completion of Chem 1315 with a grade of “C” or better. Concurrent enrollment in Chem 1415

Description: The manipulation of atoms and molecules has been critical for the development of all societies around the world. While gunpowder and metallurgy produce immediate results, it is long term advances in medicine, agriculture, and art that create sustainable cultures. Those responsible for change were chemists, either knowingly or unknowingly. Within this framework, a cohort of chemistry majors will work together to realize the connection between chemistry and the student’s culture and community. This provides a platform to connect the main focus areas of chemistry (organic, analytical, biochemistry, physical) with the goal of increasing academic success of chemistry majors.


Conduct: Students are expected to behave according to standards of proper conduct and are responsible for knowing the University of Oklahoma’s Academic Misconduct Code. The full text of the Code is available on the OU web page http://www.ou.edu/provost/integrity/. The Code simply states that students may not cheat, those who are accused deserve due process and a fair hearing, and those who are found guilty of cheating will be penalized. Any student who chooses to engage in academic misconduct (including cheating, plagiarisim, and any other action that may improperly affect evaluation) will be subject to sanctions in accordance with the Code. Dr. Rice routinely recommends assignment of a grade of “F” for the course and expulsion from the University for all such violations.

Examinations: There will be two examinations during the semester. Examinations will be closed-book, in-class tests, worth 100 points each.

Exam corrections will be permitted. After the exam is returned, you can correct the wrong answers for ½ of the credit. The corrected exam must be turned in at the date/time specified.
Special Situations: If you miss a quiz or examination without a verifiable illness or emergency, a grade of zero will be given for the quiz/test. You have one week after any illness or emergency to document your special circumstances before a grade of zero is assigned.

The University of Oklahoma is committed to providing reasonable accommodations for all students with disabilities. Students with disabilities who require accommodations in this course are requested to speak with the instructor as early in the semester as possible. Students with disabilities must be registered with the Office of Disability Services prior to receiving accommodations in this course. The Office of Disability Services is located in Goddard Health Center, Suite 166, phone (405) 325-3852 or TDD only (405) 325-4173.

Everyone should acquaint themselves with the University’s codes, policies, and procedures involving academic misconduct, grievances, sexual and ethnic harassment, and discrimination based on physical handicap.

Reserve Materials: Lecture notes, homework solutions, and answer keys for quizzes and examinations will be placed on D2L.

Extra Credit: There will be NO EXTRA CREDIT in this class.

Make-ups: There will be no make-up tests given. Verifiable illness or emergencies will result in a grade being assigned to the missed examination(s) and quiz(zes) based on your performance on the other examination and quiz(zes). The final examination is mandatory and in the event of a verifiable illness or emergencies make-ups will be arranged.

*Disclaimer: The instructor reserves the right to change by addition and/or subtraction and of the material contained in this syllabus. This includes, but is not limited to, course content, assignments, due dates, and portions(s) of the grade assigned to individual items within the course.

Keys to Effective Learning/Performance:
- Read the assigned text pages both before and after class.
- Regularly solve as many homework problems and exercises as possible.
- Attend class regularly, and ask questions.

Drop Day: The last day to drop with an automatic "W" is _______. The last day to drop with the permission of the Dean is _______. No Record of Grade on Dropped Courses is _______. Please talk with me before dropping.
Course Activities:

1. Attendance in class is expected for all class periods. The course grade will be lowered by one letter grade after the third unexcused/undocumented absence and by one additional letter grade for each subsequent unexcused/undocumented absence. Students are expected to use their three unexcused absence exemptions for illness, injury or family emergencies that they are unable to document. Other absences may be excused in the case of documented illness, family emergency, religious holidays, or Provost-approved activities. Appropriate documentation must be provided to the instructor within three weeks of the absence. Additionally, three tardies will count as one unexcused absence. Student attendance is posted daily on D2L for this class.

2. Reading assignments must be completed prior to the class period for which they are due. Class discussion is based on the reading, and informed participation in discussion is expected.

3. Article Quiz will accompany the reading assignments and will be turned in at the beginning of the class period for which they are assigned. Your name and date must be on each assignment. Late quiz responses are not accepted.

4. Writing Assignments. Identify a published article (newspaper, periodical, journal, or reliable Internet publication) and a short description of how you see it connected to chemistry and society. Late writing assignments are not accepted. More information regarding specific dates more detailed instructions will be given.

5. Individual Project: You are to select a subtopic on the chemistry and the development of societies; research the issue through the library, periodicals, Internet or journal; cite your references and write a 5-6 page paper. This is to be an academic paper and should include at least two academic references. You are to present a 5-minute summary of your project to the class.

    Specific instructions will be given in class.

6. Group Project: You will be assigned to a group and are to explore a specific topic within chemistry and the development of societies. You are to research the issue, cite your references, and present a 10-15 minute group presentation, including visual aids, to the class. Each person will present as part of the team, and you are to write a short individual paper detailing what you contributed to the team effort.

    Specific instructions will be given in class.

7. Exams: There will be two exams covering the material over the entire semester.

    Specific instructions will be given in class.
Grading Policy

The instructor reserves the right to change by addition and/or subtraction and of the material contained in this syllabus. This includes, but is not limited to, course content, assignments, due dates, and portions(s) of the grade assigned to individual items within the course.

This is a letter – graded course.

Attendance is a part of the grade. A letter grade penalty is assessed for each absence after the third absence.

This course is not graded on a curve.

Final grades will be assigned based on total points accumulated. The maximum possible points are approximately 800.

To earn the letter grade, you must achieve:
- 90% of the points for an A
- 80-89.99% of the points for a B
- 70-79.99% of the points for a C
- 60-69.99% of the points for a D
- 59.99% and below is an F.

Daily Assignments: Combination of Writing Assignments and Quizzes 300 points

Individual Project (written and oral) 150 points

Group Project (written and oral) 150 points

Exam 1 100 points

Exam 2 100 points

Total 800 points

Students are expected to be on time for class. Daily attendance is taken promptly at the beginning of the class hour, and late assignments or quizzes are not accepted.