

CHE 111A

CHEMISTRY IN AMERICAN LIFE

9:25 am, Tuesday-Thursday, Germany Lecture Hall (MCC 402)

Credit: Three semester hours
Instructor: Dr. C. Dean Parks
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Office Hours: MTWRF 3-4 pm
Text: Chemistry for Changing Times, Hill, McCreary, and Kolb, 12th Edition, 2010, Prentice-Hall, Inc. Course material will be presented using lectures, handouts, and outside reading or viewing assignments

Prerequisites: None

Course Description: This course will present a study of chemistry as it applies to the life of the average citizen. Special emphasis is given to applications which will affect the non-scientist throughout life, such as the chemistry of health, home, and environment. In order to understand the significance of chemistry in the world it will be necessary to introduce some of the fundamental concepts that are required to explain chemical behavior. Since this course is designed for the non-scientist, mathematics will be kept to a minimum. At Mississippi College, this course can be used to satisfy the core curriculum science requirements.

ATTENDANCE: Attendance at all class meetings is expected. If a regular class meeting is missed, it is the student's responsibility to obtain any assignments or instructions that were given by the instructor. Missing a class is NOT an excuse for not preparing for the next class meeting or not having any assignments ready on time. Regularly scheduled tests are given and a grade of zero (0) will be given for missing a test except in the case of an EXTREME emergency. In this very rare situation the missed test must be made up before the graded tests are returned to the class. This will usually be the next class period. NO MAKE-UP TESTS WILL BE GIVEN AFTER THE TESTS HAVE BEEN RETURNED. If the student cannot return to class until after the tests have been returned, that test will not be included in the final grade.

GRADING SYSTEM: Usually three tests will be given during the semester. Each test has a value of 100 points. Unannounced pop quizzes may also be given during the semester. These quizzes will be on information covered in class since the last regular test or pop quiz. Quizzes usually are short and have values of 3-10 points. No make-ups are given for quizzes missed. Occasionally there are opportunities given for extra credit points such as attendance at a special seminar or visiting lecture. The final examination will be comprehensive and have a value of 150 points. The course grade will be determined by dividing the total points obtained by the total points possible for the individual student. A current grade is usually available for the student's inspection. The grading scale used in this class is:

90-100%	A
80-89%	B
65-79%	C
50-64%	D
Below 50%	F

Please come by and see me during the semester if you have any difficulty or need to discuss some problem or concept.

Notice: No cell phones should be powered on while in class. Use of cell phones during class in any way may result in grade reduction. Use of cell phone calculator function is not allowed, rather, student should acquire a general scientific calculator which is able to handle exponential log functions. The memory function of such calculators shall not be used to store formulas, equations, etc. that if written on paper would be called a "cheat sheet".

CHEMISTRY 111- PROBLEM ASSIGNMENTS

Chapter 1: 13,14,19, 22, 24, 32, 34, 36, 38, 40, 41, 46, 48, 54

Chapter 2: 16, 21, 28, 29, 30, 38, 42

Chapter 3: 5, 9, 13, 15, 18, 20, 22, 26, 28, 31

Chapter 4: 5, 8, 10, 12, 20, 22, 24, 28, 30, 32, 34, 36, 40, 44, 46, 50, 54

Chapter 5: 8, 12, 14, 16, 19, 24, 28, 32, 34, 38, 40, 42, 46, 48

Chapter 6: 7, 12, 14, 18, 24, 28, 38, 48

Chapter 7: 14, 16, 18, 26, 32, 36, 38, 40, 46, 48, 50, 54

Chapter 8: 14, 16, 18, 24, 28, 32, 34, 38

Chapter 11: 5, 6, 22, 24, 28, 32, 34, 40, 53

Problems should be worked before they are due in class and should be in a form to be copied onto the board is asked. We probably will not have the class time to go over every problem but these problems are typical of the type that will be on tests. Working and understanding these problems will be critical to good performance on tests.