

SYLLABUS
CHE 141C, General Inorganic Chemistry
MWF 11:00 am; Germany Lecture Hall (MCC 402)
Fall 2008

Credit: Four semester hours
Instructor: Dr. C. Dean Parks
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Office hours: MTWR, 3:00-4:30 pm (other times by appointment)
Text: Chemistry Principles and Reactions, Masterton and Hurley, sixth edition, 2009.

Welcome to CHE 141! This Syllabus is provided to help you have a successful, enjoyable experience. Although we expect to conduct the course as described herein, we reserve the right to make modifications if circumstances dictate.

Prerequisites: There are no prerequisites for this course, however, a general knowledge of algebra is assumed.

Course description: Lecture three hours per week; lab meets one afternoon per week.

The fundamental laws and theories of chemistry and chemical calculations are stressed, primarily while studying inorganic compounds. CHE 141 may not be combined with CHE 111 nor CHE 214 for the core curriculum.

Rationale: This course will provide a general understanding of chemistry for the non science major as well as a foundation in chemistry for future study for the science major. Development of problem solving and critical thinking skills will be stressed.

Notice: No cell phones should be powered on while in class. 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. Graphing calculators can be used, but are **not** required. 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".

Attendance: Your attendance at all class meetings is expected. Attendance will usually be checked each day by either passing a roll or looking at assignments that are turned in. Absences are recorded on the grade report that is mailed at the end of the semester. There is no penalty for class absences other than the missed information and opportunities for pop grades or extra work. This assumes that you do not have so many absences that you do not get credit for the course as described in the college catalog. Please refer to the *2008-2009 Mississippi College Undergraduate Bulletin* on the on-line catalog. An accumulation of **12** absences results in an automatic **F** in the course. 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 calculations of the final grade.

Methods of Instruction: Class will consist primarily of lectures and working problems. Appropriate demonstrations as well as laboratory activities may be done that reinforce key concepts. Certain skills can be practiced and developed in the Hannah Computer Laboratory or on your personal computer using the *OWL* online chemistry learning program included with your text.

Laboratory: The laboratory is operated almost independently of the lecture, and has its own supplement to this syllabus. The laboratory and class grades are merged to determine the overall grade, as explained below.

Methods of Evaluating Student Progress: Usually three tests will be given during the semester, each with a value of 100 points. Exams may contain essay questions that require the student to express thoughts in a well organized manner consistent with accepted writing form. Unannounced pop tests are given periodically, the total number of pop test points will vary from year to year. Pop tests that are missed are not made up and a zero is recorded. The final exam is comprehensive and is worth 150 points. The grades from the laboratory portion of the course is combined with the points earned from the lecture portion in determining the final course grade. Each chapter will have homework problems assigned from the text as well as homework and extra credit problems assigned from an *OWL* online homework system. Occasionally there may be opportunities for extra credit points by attending a special seminar or a visiting lecture. The grading scale is based on the percentage of total points earned in the course.

The grading scale is :	90-100%	A
	80-89%	B
	65-79%	C
	50-64%	D
	Below 50%	F

The last day to drop a class is Friday, October 31, 2008.

Help sessions: Help sessions are often held to improve student understanding. Bring specific questions and problems to these sessions to get the most out of them. Attendance is optional, but may be very helpful to those experiencing difficulty.

Assignments: Exercises from the text will be assigned for each chapter. These assignments may or may not be taken up. They usually will be put on the board by the students as part of the class. The problems are an essential part of the course and are often used as the basis of exam questions.

Academic integrity: Mississippi College students are expected to be honest. Please refer to the *2008-2009 Mississippi College Tomahawk* or University Policy 2.19 for specific information regarding penalties associated with dishonest behavior at Mississippi College.

PROBLEM ASSIGNMENTS

Chapter 1: 1, 3, 13, 17, 21, 31, 35, 39, 53

Chapter 2: 3, 7, 9, 17, 23, 35, 39, 45

Chapter 3: 8, 15, 29, 31, 33, 37, 39, 55, 59, 61, 63, 73

Chapter 4: 1, 7, 11, 13, 15, 19, 22, 29, 31, 39, 49, 51, 67, 69

Chapter 5: 1, 7, 9, 11, 15, 23, 25, 34, 37, 41, 49, 53, 63

Chapter 6: 1, 7, 9, 13, 17, 21, 27, 29, 35, 37, 41, 45, 49, 53, 57

Chapter 7: 1, 5, 13, 19, 21, 31, 33, 43, 49, 61, 65

Chapter 8: 1, 5, 7, 13, 21, 25, 36, 41, 47, 55

Chapter 9: 1, 5, 9, 17, 21, 26, 31, 38, 43, 47, 49

Approximate dates for tests:	Test 1	Sep 24	Chapters 1-2
	Test 2	Oct 22	Chapters 3-5
	Test 3	Dec 8	Chapters 6-8

Please keep in mind that these are only **approximate** dates and that the dates or amount of material covered may change.

Final exam is Friday Dec 12 from 11:00 am-1:00 pm.

Chemistry 141 OWL Online Homework

Section C (Dr. Parks)

The OWL online homework and extra credit work can be done on your personal computer or on any other computers where you can get online such as in the Hannah Chemistry Computer Lab (Hederman Science 409). **Chemistry 141 students are only allowed to use the computers on the east and north walls of the room. The computer room is usually available for CHE 141 students from 8am to 1:30 pm Monday-Thursday, 5pm-6pm Monday-Thursday, and all day Friday.**

When you use the information included in your textbook package you will be able to get online and see your assignments. Points scored on the homework and on the optional extra credit will be added to your total point score and counted like any other points such as on exams or pops. Please pay special attention to the due dates for each computer assignment. Assignments will be added throughout the semester.

A very important part of this chemistry course is working problems and practicing conceptual exercises. Practice is how you become proficient at any new skill. Homework is how we practice. The *OWL* online computer exercises are an excellent source of practice problems with immediate feedback to let you know if you are on the right track. I urge you to work as many as possible of the suggested extra credit or optional exercises in the chapters .