

**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  
**Office:** Hederman Science 414  
**Telephone:** 925-3426 (office) or 924-5023 (home)  
925-3933  
**E-mail:** dparks@mc.edu  
**Office Hours:** MTWRF 3-4 pm

**Text:** Chemistry for Changing Times, Hill, McCreary, and Kolb, 13<sup>th</sup> Edition, 2013, Prentice-Hall, Inc. Course material will be presented using lectures, handouts, and outside reading or viewing assignments.

*Welcome to CHE 111! 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:** 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.

**Rationale:** This course will provide a general understanding of chemistry for the non science major. Development of problem solving and critical thinking skills will be stressed.

**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.

**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".

**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. 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.

**HELP SESSIONS:** Chemistry help sessions are usually on Monday afternoon from 4:00pm - 5:00pm. Look for posters about location. 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.

**ACADEMIC INTEGRITY:** Mississippi College students are expected to be honest. Please refer to the current Mississippi College Student Handbook or University Policy 2.19 for specific information regarding penalties associated with dishonest behavior at Mississippi College.

**Special Accommodations :** In order for a student to receive disability accommodations under Section 504 of the Americans with Disabilities Act, he or she must schedule an individual meeting with the Director of Student Counseling Services **immediately upon recognition of their disability** (if their disability is known they must come in before the semester begins or make an appointment **immediately** upon receipt of their syllabi for the new semester). The student must bring with them written documentation from a medical physician and/or licensed clinician that verifies their disability. If the student has received prior accommodations, they must bring documentation of those accommodations (example Individualized Education Plan from the school system). Documentation must be current (**within 3 years**).

The student must meet with SCS **face-to-face** and also attend two(2) additional follow up meetings (one mid-semester before or after midterm examinations and the last one at the end of the semester.) Please note that the students may also schedule additional meetings as needed for support through SCS as they work with their professor throughout the semester. Note: Students must come in **each semester** to complete their Individualized Accommodation Plan (example: MC student completes fall semester IAP plan and even if student is a continuing student for the spring semester they must come in again to complete their spring semester IAP plan.

Student Counseling Services is located in Alumni Hall Room #4(near the post office) or they may be contacted via email at [mbryant@mc.edu](mailto:mbryant@mc.edu) . You may reach them by phone at **601-925-7790**.

**Dr. Morgan Bryant is director of MC Counseling Services.**

# CHEMISTRY 111- PROBLEM ASSIGNMENTS

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

Chapter 2: 16, 22, 28, 29, 30, 38, 42

Chapter 3: 5, 9, 13, 16, 18, 20, 22, 26, 28, 31

Chapter 4: 5, 8, 10, 12, 19, 22, 24, 28, 30, 32, 34, 36, 40, 44, 46

Chapter 5: 8, 12, 14, 16, 19, 24, 28, 32, 34, 36, 38, 40, 42, 46, 48

Chapter 6: 7, 12, 14, 17, 24, 28, 37, 44

Chapter 7: 14, 16, 18, 26, 33, 36, 38, 40, 46, 48, 50, 52

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

Chapter 11: 5, 6, 22, 24, 27, 31, 35, 40, 53

These are problems that I think will be especially important to you from each chapter. Some of these will be assigned in the *Mastering Chemistry* online homework described below. But even if they are not in *Mastering Chemistry* it would be very helpful of you on your exams if you have studied them. Working and understanding these problems will be critical to good performance on tests.

## Chemistry 111 *Mastering Chemistry* Online Homework

The *Mastering Chemistry* online homework and extra credit work can be done on your personal computer or any other computers where you can get online. The code for this program is bundled with your textbook if you purchase in the bookstore. This is probably much cheaper than if you buy it separately. You will need this online program from the start of class and all through the semester. The code will explain how to get online and register. You may be able to start work on this before our class meets.

We will discuss more details about the *Mastering Chemistry* program in class.