

**Morehead State University**  
**College of Science & Technology; Department of Biology and Chemistry**  
**Chemistry 201 Survey of Organic Chemistry (section 001-4 credits)**  
**Fall 2010**

**Instructor:** Dr. Ann M. Macintosh  
**Office:** Lappin Hall Rm. 404 E  
**Phone:** 783-2926  
**Office Hours:** MWF1 10:20-11:20 am, TuThF2 9:10-10:10 am and by appointment  
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**Prerequisite:** A grade of "C" or better in Chem 101.

**Corequisite:** The lab is a mandatory part of this course.

**Lecture:** 9:10-10:10 am MWF1

**Objectives:** (assessment method(s))

- 1) To teach you some chemical principles and theories. (quizzes, hour exams and comprehensive final exam)
- 2) To be able to apply chemistry to problems in your major field. (hour exams and comprehensive final)
- 3) To improve your communication skills. (lab reports)

**Course Description:**

A survey of chemical topics that includes precipitation and redox reactions, radioactivity, solar energy, organic functional groups, drug design and approval, polymers, carbohydrates, proteins and lipids. The topics are covered in combination with case studies such as pollution of a lake, Chernobyl disaster and the Thalidomide problem. This course is intended for students in applied sciences and is not recommended for natural science majors.

**Text:** Timberlake, K.C. General, Organic and Biological chemistry, 2<sup>nd</sup> Ed.

**Required:**

- 1) goggles or safety glasses
- 2) laboratory apron
- 3) laboratory manual

The lab manuals must be purchased from the ACS Student Affiliates (LA 426) during Mon-Thurs. of the first week of classes. The Student Affiliates are also selling lab aprons at below bookstore prices.

**Attendance:** Class attendance is necessary for your success in the class and is expected. Additionally, if you miss class without an excused absence you will receive a zero on that day's in-class assignment or quiz. Lab attendance is required. **If you miss a lab with an excused absence, see your instructor before you leave if possible and certainly as soon as you return. Do not wait until the next time your lab meets.** If there is another lab section scheduled for that experiment and there is room in that class, you may be allowed to make up the lab in the other section. In addition, **if you miss more than 2 labs and/or fail to turn in lab reports for 3 weeks of lab work you will receive a failing grade and must repeat the course.**

**Cell Phones:** Please turn off cell phones and pagers during lecture and lab. If you are expecting an **emergency** phone call please speak to me before class. Text messaging during class is strictly prohibited. The use of cell phone calculators is prohibited on all quizzes and exams.

### **University Excused Absences (See Student Handbook or UAR 131.01):**

- 1) Required attendance at a university function, with supporting documentation from the event sponsor. You must notify me in advance. These activities must be approved by the appropriate university office.
- 2) Illness or Injury. You must submit written confirmation of treatment by medical practitioner. This documentation must be submitted to the Assistant Vice-President for Student Life/Dean of Students.
- 3) Critical Illness/Death in the Immediate Family (as defined in the Student Handbook). Students must provide documentation of circumstances to the Assistant Vice-President for Student Life/Dean of Students.
- 4) Short-Term Military Obligations, to be excused through Associate Vice-President for Academic Programs.
- 5) Jury duty or Subpoena for court appearance.
- 6) Major religious holiday, to be excused by Assistant Vice-President for Student Life/Dean of Students.

If you must miss an exam for any other reason, which you believe is valid, see me about it, before the absence, if at all possible.

### **General Policies:**

- 1) If you have to miss an exam, please notify me in advance, if possible. You must contact me within 48 hours of a missing exam. Written documentation of the excuse must be submitted within 7 days of the absence.
- 2) If you miss an exam with an **excused** absence, I will count your final exam grade in place of that exam grade. If you miss with an unexcused absence you will receive a zero for the exam.
- 3) Late assignments will not be accepted.
- 4) In order to receive a passing grade for the course, you must pass **both** the lecture and the lab portions of the class. (i.e. you need a minimum of 55% in lecture)

### **Academic honesty:**

Cheating, fabrication, plagiarism or helping others to commit these acts will not be tolerated. Academic dishonesty will result in severe disciplinary action including, but not limited to, failure of the student assessment item or course, and/or dismissal from MSU. If you are not sure what constitutes academic dishonesty, read *The Eagle: Student Handbook* or ask your instructor. The policy is located at <http://www.morehead-st.edu/units/studentlife/handbook/academicdishonesty.html>. For example: Copying information from the Internet is plagiarism if appropriate credit is not given.

### **Campus Safety Statement:**

Emergency response information will be discussed in class. Students should familiarize themselves with the nearest exit routes in the event evacuation becomes necessary. You should notify your instructor at the beginning of the semester if you have special needs or will require assistance during an emergency evacuation. Students should familiarize themselves with emergency response protocols at <http://www.moreheadstate.edu/emergency>

### **Disabilities Statement:**

In compliance with the ADA, all students with a documented disability are entitled to reasonable accommodations and services to support their academic success and safety. Though a request for services may be made at any time, services are best applied when they are requested at or before the start of the semester. To receive accommodations and services the student should immediately contact the Disability Services Coordinator in the Office of Academic and Career Services, 223 Allie Young Hall, 606-783-5188, [www.moreheadstate.edu/acs/](http://www.moreheadstate.edu/acs/). It is the student's responsibility to inform your instructor of your needs for accommodations.

## Laboratory safety:

Laboratory safety is of utmost importance in this course, so safe attire is mandatory. In particular, **APPROVED EYE PROTECTION AND A LAB APRON MUST BE WORN WHENEVER EXPERIMENTS ARE IN PROGRESS**; there are no exceptions to this rule!

## Sources of help:

- 1) your instructor
- 2) your fellow students
- 3) tutors in the learning lab (in Allie Young)
- 4) your textbook
- 5) the library

I will be available in my office during regularly scheduled office hours. In addition, I have an open door policy, feel free to ask me for help anytime that I am in my office with the door open.

## Daily Reading Assignments & Suggested Problems:

You are expected to read each day's assignment prior to coming to class. In addition you should read over the assigned problems. Homework problems assigned from the text will not be collected. However, unannounced quizzes with problems similar to the suggested problems will be given at the start of some class periods.

## Quizzes & In-class Activities:

Unannounced quizzes covering the current reading assignment and/or the previous day's homework assignment will be given at the start of some class periods. Announced quizzes covering memorization assignments or all reactions covered since the previous exam or all nomenclature covered since the previous exam will be given approximately once a week. Announced quizzes will be **double weighted**, i.e. count the same as two unannounced quizzes. If you miss a quiz with an unexcused absence you will receive a zero on that quiz. If you arrive after I have collected the quiz you will not be able to take the quiz. I **do not** give make up quizzes, however, I will drop your 2 lowest quiz grades (i.e. one announced quiz or 2 reading quiz/in-class assignments scores) at the end of the semester. Additionally, in-class assignments will be distributed during selected class periods. In-class assignments will count the same as an unannounced quiz (i.e. one quiz grade). In-class assignments must be done during the class period in which they were distributed and cannot be made up. If you miss a quiz or/in-class assignment with an excused absence (and you provide proper documentation) I will ignore the quiz/in-class assignment when calculating your grade.

## Grading:

The final grades in this course will be calculated using the following scale:

Quizzes and in-class activities	15 %
Exams	45 %
Final Exam	15 %
Laboratory	25 %

Final letter grades will be assigned using the following scale:

85 - 100 %	A
75 - 84.9 %	B
65 - 74.9 %	C
55 - 64.9 %	D
below 55	E