

**IMPORTANT COURSE INFORMATION**  
**CH 309 SPRING 2007**

**Instructor:** Mike McCormick

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**Web Page for CH 309:** Log on at <http://blackboard.boisestate.edu/>.

**Lecture Times.** Mon., Wed., Fri. at 11:40 AM – 12:30 PM in MP312

**Office Hours:** I will be available in my office S/N 312 Tuesdays and Wednesdays from 2-3:30 p.m. If you need help and can't make these times, I can be best reached by email or possibly found in my office (see above). If my door is open feel free to come in.

**Pre-requisites:** Chem 307 and Chem 308 are prerequisites (with a grade of C or better).

**Co-requisite:** Chem 310, Organic Chemistry II Laboratory.

**Course Overview:** The course will provide an in-depth examination of chemistry principles related to carbon containing molecules and their functional groups, nomenclature, stereochemistry, and spectroscopic properties.

**Texts:** *Organic Chemistry*, 4<sup>th</sup> (or 5<sup>th</sup>) Ed. by Paula Yurkanis Bruice (Required),  
Solutions Manual & Study Guide to Bruice's *Organic Chemistry* (Optional)

**Study Aid:** Molecular Models (Optional)

**Grading:**

|  | POINTS     | Percentage  |
|--|------------|-------------|
| Homework and Quizzes ( $\approx 10$ , total pts will be) | 100        | 16.7%       |
| Exam #1 (Wednesday, 2/8/06)                              | 100        | 16.7%       |
| Exam #2 (Monday, 3/6/06)                                 | 100        | 16.7%       |
| Exam #3 (Friday, 4/14/06)                                | 100        | 16.7%       |
| FINAL EXAM (Thursday 5/11/06)                            | 200        | 33.2%       |
| <b>COURSE TOTAL</b>                                      | <b>600</b> | <b>100%</b> |

**Grading:** Grades will be distributed into the following ranges: 100-90% = A, 89-80% = B, 79-70% = C, 69-60% = D, 59-0% = F. Note: A curved scale may be used, but don't count on it. The use of +/- may be used in adjusting for borderline cases, attitude, attendance, etc...

**A course grade of incomplete (I)** will be considered only for individual cases with exceptional extenuating cause. An incomplete grade is not meant to be a substitute for a regular letter grade that may not be as high as you would like. Those taking the course pass/fail must earn a grade of C– or better to pass.

**Exams: There will be no make-up exams.** A missed exam, without a good excuse, may count as a zero score in the computation of your final grade. Alternatively, if you have an acceptable excuse for missing an exam your final grade may be determined based on the exams that you were able to take. Some examples of acceptable excuses for missing an exam: serious illness (must be documented with note from doctor), serious illness or death of close family member (some documentation required here), unavoidably delayed travel (such as a canceled airline flight due to bad weather). Some examples of unacceptable excuses for missing an exam: overslept, difficulty finding parking space, missed the bus, conflict with work schedule, conflict with family event such as a wedding or a vacation (any airline ticket can be changed for a modest fee). **No exams will be administered earlier or later than the scheduled exam date and time.** A rare exception to this policy will be an exam administered by a coach or trainer to a student athlete who must be away from Boise for an away game. The analogous situation might occur for other non-sports university-sponsored groups or teams. Please discuss any situations such as these with me as early as possible in the term. **Electronic calculators and cell phones are not allowed during the exams.** You are not to consult books, lecture notes, other students, etc... during an exam.

**Each exam will consist of hand-written “fill in the blank” and short essay-type questions. Bring your Student Identification Card to each exam.** You may be asked to show the card during an examination. Your exam essay answers may be photocopied before they are handed back to you. If you believe that a question was not graded properly, *do not* make any alterations on your answer pages.

**Quizzes and Homework** will be given throughout the term. **Quizzes can be unannounced.** Homework problems will be distributed electronically, however, I expect them to be turned in to my office by 5p.m. on the date they are due. You will be held on your honor to only use the allowed resources.

**A few words about cheating:** Please be advised that an established incident of cheating will result in an *automatic failure grade* (F) for the entire term. For example, if you allow someone else to take an exam for you, you are subjecting both that person and yourself to an F grade in the course. Securing a "recommendation" after a cheating incident at the University is, needless to say, awkward at best! As stated in the Student Code of Conduct, **“cheating or plagiarism in any form is unacceptable” and will not be tolerated.**

**Class handouts** will be posted in our BlackBoard web site.

**Review Sessions** will be held on an evening preceding each of the exams and the final exam. I will answer questions, but **do not expect “freebies” to actual test questions.**

**Changes in Credit Status:** Students enrolled as audit or changing from credit to audit will be required to attend class and will only be allowed three absences. Dropping the course without a "W" or changes from credit to audit or audit to credit must be accomplished by Monday, September 2. The last day to drop classes is Monday, October 3. **If you change your enrollment status to an audit or completely withdraw from the course, you must also withdraw from the laboratory course, Chem 308.**

**Special Accommodations/Circumstances:** If there are accommodations that are required for you to succeed in this class, please let me know immediately. If circumstances arise that should be brought to my attention, please let me know and we will work together to find an acceptable solution. My goal is to help you succeed in the class.

**Expected Knowledge:**

I assume and expect that you know the following information already:

- $pK_a$  data for functional groups
- nomenclature of compounds and functional groups
- resonance structure drawing and concepts
- electronegativity
- alkene, alkane, and alkyne chemistry and properties
- $S_N1$ ,  $S_N2$ , E1, and E2 reactions
- Acid/base, equilibrium, thermodynamic and kinetic concepts
- Stereochemistry
- Spectroscopy ( $^1H$  NMR,  $^{13}C$  NMR, IR, UV/VIS, GC/MS)