Chemistry 2310  
Organic I Chemistry  
Spring 2016

Instructor: Dr. Don Davies  
Office: SL 608  
Phone #: 801-626-6224  
email: DDAVIES1@weber.edu  
Office hours: MWThF: 10:00 - 11:00 a.m.

Lecture time: MWThF 11:30-12:20 p.m.  
Lecture location: LL123  
Web: http://faculty.weber.edu/ddavies1  
Course Web: http://canvas.weber.edu

Materials:  
Organic Chemistry, 8th Ed., L.G. Wade, Jr, (Required)  
Model set (recommended)

Course objective:

1. Develop a basic understanding of the relationship between structure and reactivity of organic molecules.

2. Gain hands-on experience of the fundamental reactions, techniques and instrumentation of organic chemistry.

3. Improve problem solving skills through the application of knowledge and attention to details.

What correlates most to performance on exams?

Correlation coefficient interpretation: small (0.1-0.3), moderate (0.3-0.5), strong (> 0.5) correlation.

<table>
<thead>
<tr>
<th>Low Output</th>
<th>High Output</th>
</tr>
</thead>
</table>
| **Read text**  
(0.053, 0.465)  | **Study Group**  
(0.460, 0.000)  |
| **Tutor**  
(0.026, 0.026)  | **Verbally Explain**  
(0.511, 0.000)  |
| Completed Homework  
(0.130, 0.074)  | **Practice Quizzes / Exams**  
(0.425, 0.000)  |
| **Highlight**  
(0.262, 0.000)  | **Supplement Instruction**  
(0.331, 0.000)  |
| Hours Studying  
(0.149, 0.042)  | **Create own questions**  
(0.216, 0.003)  |
| Flashcards  
(0.202, 0.005)  |  
| Write own questions  
(0.216, 0.003)  |  
| **Attend Lecture**  | **Rewrite Notes**  
| **Summarize**  | **Correct papers**  |
| **Rewritten Explanation**  |  |
Course Description:

An update of your lecture grade can be obtained anytime at http://canvas.weber.edu.

Minimum letter grade assignments are as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>92 - 100%</td>
</tr>
<tr>
<td>A-</td>
<td>88 - 91.9%</td>
</tr>
<tr>
<td>B</td>
<td>80 - 83.9%</td>
</tr>
<tr>
<td>B-</td>
<td>76 - 79.9%</td>
</tr>
<tr>
<td>C</td>
<td>68 - 71.9%</td>
</tr>
<tr>
<td>C-</td>
<td>64 - 67.9%</td>
</tr>
<tr>
<td>D</td>
<td>56 - 59.9%</td>
</tr>
<tr>
<td>D-</td>
<td>52 - 55.9%</td>
</tr>
<tr>
<td>B+</td>
<td>84 - 87.9%</td>
</tr>
<tr>
<td>C+</td>
<td>72 - 75.9%</td>
</tr>
<tr>
<td>D+</td>
<td>60 - 63.9%</td>
</tr>
<tr>
<td>E</td>
<td>0 - 51.9%</td>
</tr>
</tbody>
</table>

Note: I reserve the opportunity to adjust the grading scale or point contribution to your favor.

Lecture Composite:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 Quizzes (10 points each)</td>
<td>100</td>
</tr>
<tr>
<td>3 Course exams (100 points each)</td>
<td>300</td>
</tr>
<tr>
<td>Final exam</td>
<td>200</td>
</tr>
<tr>
<td>Total</td>
<td>600</td>
</tr>
</tbody>
</table>

Homework:

Homework is an essential part of comprehending the principles taught in this course and will be assigned but not graded. I would recommend that you work all of the in chapter problems and the specified end of chapter problems. All the problems in the text are solved in the solutions manual. However, make sure you fully work through each problem before checking the solution manual. Further assessment of your comprehension of lecture material can be obtained by working the practice quizzes and exams available on my home website.

Quizzes:

To provide frequent assessment of course comprehension and performance, quizzes will be administered each week, except weeks in which an exam is scheduled. The quizzes will be based on homework problems and lecture content. Each quiz will contain 3 to 4 questions, one of which will be from the assigned homework.

Examinations and Final:

Course exams will consist primarily of material covered since the previous exam; however, chemistry by nature is cumulative and comprehensive. Students will have two hours to complete each exam, which will be administered in the natural science testing center. No class is scheduled on exam days. The final exam will cover material from all of the chapters covered this semester and will be administered in class. Exam dates along with the corresponding chapters covered on each exam are shown below.
**Exam 1** - Monday February 1st Ch. 1, 2, 3
**Exam 2** - Wednesday March 2nd Ch. 4, 5, 6
**Exam 3** – Monday April 4th Ch. 7, 8, 9
**Comprehensive and Ch. 10, 11, 14 Final** - Tuesday April 26th

If an emergency should arise and you must miss an exam, notify me as soon as possible. If the reason for the missed exam is acceptable and backed with evidence, I reserve the right to either allow you to take the exam at another time or apply the average of the remaining 2 midterm exams adjusted according to the class averages of each individual exam. **Note:** any questions regarding the grading of a particular exam or quiz must be addressed within one week of the return date.

**General Information:**

Students having a disability, which inhibits their performance or participation, may receive special accommodations through Services for Students with Disabilities (SSD) located in the Student Service Center.

Violations of academic honesty and integrity will be subject to disciplinary actions, which may include University sanctions. For definitions regarding academic honesty and these sanctions refer to the Student Code in the office of the Vice President for Student Services.