

Chemistry 322bL  
Organic Chemistry  
Course Syllabus – Fall Semester 2011

Homepage: <http://www-scf.usc.edu/~chem322b/>

<b>INSTRUCTIONAL STAFF:</b> <b>Lecture:</b>  <b>Laboratory:</b>  <b>Laboratory Lecture:</b>	<p>Professor Barry C. Thompson, Loker Hydrocarbon Research Institute (LHI 105) (213) 821-2656; email address: <a href="mailto:barrycth@usc.edu">barrycth@usc.edu</a> Lecture: MWF 10:00 – 10:50am (SGM 124)</p> <p>Dr. Jennifer Moore, Seeley G. Mudd (SGM 103A) (213) 740-7025; email address: <a href="mailto:moorej1@usc.edu">moorej1@usc.edu</a> Dr. Justin O’Neil, Seeley G. Mudd (SGM 103B) email address: <a href="mailto:justinon@usc.edu">justinon@usc.edu</a></p> <p>Dr. Rebecca Broyer, Seeley G. Mudd (SGM 102A) (213) 740-0620; email address: <a href="mailto:rbroyer@usc.edu">rbroyer@usc.edu</a></p>								
<b>COURSE MATERIALS:</b> <b>Lecture:</b>  <b>Laboratory:</b>	<p>“Organic Chemistry,” Solomons, and Fryhle, 10<sup>th</sup> Edition. “Study Guide and Solutions Manual,” Solomons, Fryhle And Johnson. Any Organic Chemistry Molecular Model Set.</p> <p>“Organic Chem Lab Survival Manual,” James W. Zubrick, 6<sup>th</sup>, 7<sup>th</sup> or 8<sup>th</sup> Edition, Chemistry 322b Laboratory Manual (yellow cover) must be purchased from the Bookstore.</p>								
<b>GRADING:</b>	<p>There will be four hour exams (100 points each) and a final exam (200 points). The lecture grade will be based on the three best hour exams and the final exam. The point distribution between lecture and lab will be:</p> <table style="margin-left: 40px;"> <tr><td>Lecture</td><td>500</td></tr> <tr><td>Lab</td><td><u>200</u></td></tr> <tr><td>Maximum</td><td>700</td></tr> </table> <p>To receive a passing grade, satisfactory work must be done in both lab and the lecture portions of the course. A separate laboratory syllabus will be issued.</p>	Lecture	500	Lab	<u>200</u>	Maximum	700		
Lecture	500								
Lab	<u>200</u>								
Maximum	700								
<b>EXAMINATION SCHEDULE:</b>	<p>The four hour exams are scheduled at 3:30 p.m. on the following Mondays:</p> <table style="margin-left: 40px;"> <tr><td>September 12</td><td>Ch 13, 14</td></tr> <tr><td>October 3</td><td>Ch 15, 16</td></tr> <tr><td>October 31</td><td>Ch 17, 18, 19</td></tr> <tr><td>November 21</td><td>Ch 20, 21, 22</td></tr> </table> <p>No make up exams will be given. <i>An unexcused missed hour exam will be counted as a zero.</i> An excused absence from an exam will be granted only on the basis of proper documentation, for instance a certification provided by a physician or hospital.</p> <p>The final exam will be given on <i>Monday December 12, 2011, 8:00 a.m. – 10:00 a.m.</i> The final exam will be comprehensive and lecture material covered after the fourth exam (Ch 23, 24) will be included.</p>	September 12	Ch 13, 14	October 3	Ch 15, 16	October 31	Ch 17, 18, 19	November 21	Ch 20, 21, 22
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<b>DROP DATES:</b>	<p><b>Friday, September 9<sup>th</sup></b> is the last day to drop this course without a mark of W. <b>Friday, November 11<sup>th</sup></b>, is the last day to drop the course with a grade of W. The mark of Incomplete may only be given to a student who is doing passing work through November 11<sup>th</sup> and is unable to complete the assigned work due to serious illness or a documented emergency occurring after November 11<sup>th</sup>.</p>
<b>HOMEWORK:</b>	<p>Prior to lecture <i>read the sections to be covered in advance</i>. This will make the lectures easier to follow. <i>All</i> of the problems interspersed in the text after many sections should be worked <i>immediately</i> after reviewing each section. This will provide needed practice and reinforcement. <i>Avoid consulting the study guide</i> if you have difficulties. Instead read the pertinent section again and try it yourself. <i>Work all</i> of the assigned problems. This will help you greatly in coping with the material.</p> <p>A list of “end of chapter” problems is attached. <i>Working problems is the single best way to learn organic chemistry and the more the better. Only by working problems will you be able to test your knowledge of the material and your skill in applying it.</i> If you have difficulties with some of the problems, it usually means that your knowledge or ability to apply this knowledge is insufficient. In this case, restudy the material in your notes and your text. If that does not help, seek assistance from your instructor or TA’s. <i>Remember that the exam questions will be of a level of difficulty similar to that of the end of chapter problems and may occasionally be selected from homework problems.</i></p>
<b>STATEMENT FOR STUDENTS WITH DISABILITIES:</b>	<p>Any student requesting academic accommodations based on a disability is required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP. Please make sure a letter is delivered to the instructor as early in the semester as possible. DSP is located in STU 301 and is open 8:30 am 5:00 pm Monday through Friday. The phone number for DSP is (213) 740-0776.</p>
<b>ACADEMIC INTEGRITY:</b>	<p>It is expected that all students will follow the rules of academic integrity as set forth by the University. Rules regarding academic integrity and general student conduct will be strictly enforced. For details of the University Student Conduct Code and sanctions for academic integrity violations, see <a href="http://www.usc.edu/dept/publications/SCAMPUS/governance">http://www.usc.edu/dept/publications/SCAMPUS/governance</a></p> <p>Cheating on an examination or changing the answers of a returned exam are serious violations of academic integrity and may result in a grade of F for the course.</p> <p><b>ALL EXAMS WILL BE SCANNED.</b></p>

**CHEMISTRY 322 bL**  
**Fall SEMESTER 2011**

Solomons and Fryhle, Organic Chemistry, 10<sup>th</sup> Edition

Week of	Monday	Wednesday	Friday	Comments
August 22	Intro	12	13	
29	13	13	13	
September 5	No Class Labor Day	14	14	9/9 Full refund drop date, no "W"
12	<b>Exam 1</b> (13, 14)	15	15	
19	15	15	16	
26	16	16	16	
October 3	<b>Exam 2</b> (15, 16)	17	17	
10	17	17	18	
17	18	18	19	
24	19	19	19	
31	<b>Exam 3</b> (17, 18, 19)	20	20	
November 7	20	21	21	11/11 Final drop date with "W"
14	21	22	22	
21	<b>Exam 4</b> (20, 21, 22)	No Class – Thanksgiving Holiday	No Class – Thanksgiving Holiday	
28	23 <b>Lab Final</b>	24	Review	
December 5	Study Days No Class	Exams – No Class	Exams – No Class	

**FINAL EXAM:**      **Monday December 12, 2011, 8:00 am – 10:00 am.** The final exam will be comprehensive and the lecture material covered after the fourth exam will be included.

**Quiz/Help sessions:**      **Monday 3:30 – 4:50 pm, rooms to be announced.**

**Discussion (Lab Lecture): Thursday, Noon or 1:00pm - Both in SGM 124**

SUGGESTED END OF CHAPTER HOMEWORK  
CHEMISTRY 322 bL  
T.W.G. SOLOMONS, "ORGANIC CHEMISTRY" TENTH EDITION

Chapter 13:	13.15-13.20, 13.22-13.29, 13.34-13.42.
Chapter 14:	14.16-14.19, 14.21-14.26.
Chapter 15:	15.24-15.29, 15.30-15.39, 15.42, 15.44.
Chapter 16:	16.19-16.28, 16.29-16.33, 16.35-16.36, 16.38, 16.40-16.41.
Chapter 17:	17.18-17.31, 17.33, 17.35-17.37, 17.39-17.41.
Chapter 18	18.15, 18.18-18.23, 18.26-18.32.
Chapter 19	19.23-19.27, 19.29, 19.30, 19.32-19.35, 19.38, 19.41, 19.45.
Chapter 20	20.21-20.25, 20.27, 20.28, 20.31-20.35.
Chapter 21	21.13-21.16, 21.18-21.20, 21.23.
Chapter 22	22.20-22.28, 22.32-22.36.
Chapter 23	23.12-23.16, 23.18.
Chapter 24	24.17-24.18, 24.20-24.23.

\* All dashes indicate that all problems in this interval are assigned, i.e. 12.11-12.16 represents six problems.