**Chem 51C: Readings and Assignments**

**Readings**

Textbook and Electronic Homework

Required: Janice G. Smith ORGANIC CHEMISTRY, 3th Ed. McGraw Hill.

Optional: Janice G. Smith and Erin R. Smith Student Study Guide/ Solutions Manual to accompany ORGANIC CHEMISTRY, 3th Ed. McGraw Hill.

**Assignments**

**Tuesday, April 3**  
Read Smith Chapter 19. You should work the problems that accompany each section within the chapter as you read through the chapter.

**Thursday, April 5**Read Smith Chapter 20. You should work the problems that accompany each section within the chapter as you read through the chapter.

**Tuesday, April 10**  
Sapling Learning Chapter 19 online homework, due at 9 am: Available until 4/10/12 (9 am).  
Smith Chapter 19 (not to be submitted): 30cfig, 31bcegi, 33-37, 39, 40, 42, 44, 46, 47, 52, 53, 58, 62, 64, 65, 69, 70, 71, 73.

Note: You should work through each problem without looking at the answer key. You will not learn the material unless you actively work the problems. Students often think that they understand the problem by looking at it and then looking at the answer key. Sadly, these students generally find that they cannot answer the same problem or a similar problem when they encounter it again. The only way to learn organic chemistry is to actively work problems.

**Tuesday, April 17**  
Sapling Learning Chapter 20 online homework, due at 9 am: Available until 4/17/12 (9 am).  
Smith Chapter 20 (not to be submitted): 39, 42, 43, 45, 48, 49, 50, 51, 53, 55, 56, 58, 59ae, 60a, 61a, 62, 64, 66, 68, 70, 72, 73, 74, 78, 81, 82.

Read Smith Chapter 21. You should work the problems that accompany each section within the chapter as you read through the chapter.

**Thursday, April 26**  
Sapling Learning Chapter 21 online homework, due at 9 am: Available until 4/26/12 (9 am)  
Smith Chapter 21 (not to be submitted): 42cfil, 43cdgj, 45, 46, 47bd, 48c, 49b, 50, 51, 52, 54, 55, 56, 57, 58, 59, 60ac, 62, 63, 68, 70, 72, 74, 75, 77, 78, 79, 82, 86, 90, 91, 92.

Read Smith Chapter 22. You should work the problems that accompany each section within the chapter as you read through the chapter.

**Thursday, May 3**  
Sapling Learning Chapter 22 online homework, due at 9 am: Available until 5/3/12 (9 am). DEADLINE EXTENDED TO 5/5/12 (9 AM).  
Smith Chapter 22 (not to be submitted): 43, 45, 53, 54, 56, 58, 59, 61, 62, 63, 64, 65, 69, 71, 74, 75, 77, 82, 83, 85, 90, 91.  
I've tried to go a bit light on the Smith problems, because there are many Sapling problems. If you feel you need some drills on basic aspects of reactivity and nomenclature, you can also do Smith Problems, 41-42 and 46-52.

Read Smith Chapter 23. You should work the problems that accompany each section within the chapter as you read through the chapter.

**Tuesday, May 15**  
Sapling Learning Chapter 23 online homework, due at 9 am: Availble until 5/15/12 (9 am)  
Smith Chapter 23 (not to be submitted): 30, 32, 33, 34, 36, 38, 40, 41, 42, 43, 44, 45, 48,50, 51, 53, 54, 55, 58, 59, 61, 62, 63, 65, 66, 68, 73.

Read Smith Chapter 24. You should work the problems that accompany each section within the chapter as you read through the chapter.

**Tuesday, May 22**  
Read Smith Chapter 25. You should work the problems that accompany each section within the chapter as you read through the chapter.

**Thursday, May 24**  
Sapling Learning Chapter 24 online homework, due at 9 am: Availble until 5/24/12 (9 am)  
Smith Chapter 24 (not to be submitted): 27, 29, 30, 31, 33, 35, 36, 38, 39, 41, 42, 44, 45, 47, 50, 53, 54, 59, 61, 62, 63, 64, 68, 70.

**Tuesday, May 29**  
Read Smith Chapter 27. You should work the problems that accompany each section within the chapter as you read through the chapter.

**Thursday, May 31**  
Sapling Learning Chapter 25 online homework, due at 9 am: Availble until 5/31/12 (9 am)  
Smith Chapter 25 (not to be submitted): 42, 44, 45, 46, 47, 48, 49, 51, 53, 53, 55, 56, 57bc, 59, 60, 61, 63, 66, 67, 68, 69, 71, 72, 74, 77, 78, 82, 83a, 86, 87, 88, 89.

**Tuesday, June 5**  
Read Smith Chapter 28, sections 28.1, 28.5, 28.7, 28.8. You should work the problems that accompany each section within the chapter as you read through the chapter.

**Thursday, June 7**  
Read Smith Chapter 26, sections 26.1, 26.2, 26.6. You should work the problems that accompany each section within the chapter as you read through the chapter.  
Sapling Learning Chapter 27 online homework, due at 9 am: Availble until 6/7/12 (9 am)  
Smith, Chapter 27 (not to be submitted): 39, 40, 42, 46, 48, 50, 51, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 73, 75, 77.

**Monday, June 11**  
Sapling Learning Chapter 26/28 online homework, due at 9 am: Availble until 6/11/12 (9 am)  
Smith Chapters 26 and 28 (not to be submitted): Chapter 28: 29, 31, 36, 37, 39, 62, 63, 64, 65, 66, 67, 68, 69. Chapter 26: 17abdegh, 18, 19, 21, 25, 26, 36, 37, 38, 44, 45.