

Suggested Reading and Problems for Fall 2004
Source: Maitland Jones, 3rd Edition

** Remember -- problems are to be worked in your homework notebook.

** It is assumed that you work the *in-chapter problems* as you read!!!!

(1) Week #1

Reading: All of Ch. 1

End of Chapter Problems:

Ch.1 #30, 31, 32, 33, 36, 37, 42, 43, 44, 45, 46, 47, 48, 49, 56, 57

(2) Week #2

Reading: All of Ch. 2

End of Chapter Problems:

Ch.2 #39 - 57

(3) Week #3

Reading: All of Ch. 3

End of Chapter Problems:

Ch.3 #33, 35, 36, 37, 39, 40, 41, 42, 43, 46, 48, 49, 50, 51

(4) Weeks #4-5

Reading:

- All of Chapter 6 *except* 6.3
- 16.1 thru 16.4
- 17.1 thru 17.2
- 18.1 thru 18.5
- 19.1 thru 19.4

End of Chapter Problems:

- Chapter 6: 20-30
- Chapter 16: 31, 32, 33, 34, 35
- Chapter 17: 35, 36, 37, 38, 39
- Chapter 18: 25, 26
- Chapter 19: 48

(5) Weeks #5-6

Reading:

- Jones Chapter 4 (all)
- Jones Chapter 5 (all)

End of Chapter Problems:

- Chapter 4 32-51
- Chapter 5 32-50

(6) Weeks #7-8

Reading: Chapter 12 and 13.1 thru 13.11

End of Chapter Problems:

- Ch. 12 #38, 39, 40, 41, 42, 45, 48, 49, 50, 52
- Ch. 13 #28, 29, 31, 32, 33, 34, 35, 37, 38, 40, 41

(7) Weeks #9-11

Reading:

Jones Chapter 15 (all) -- be sure to read sections 15.14 (summary) and 15.15 (introduction to the additional problems)

End of Chapter Problems:

ALL OF THEM (remember that PRACTICE is the key to success in working spectroscopic problems)

For problem 15.43 ozonolysis is described on pages 465-472

For problems 15.64 and 15.65 hydroboration and acid-catalyzed hydration are described in sections 9.11 and 9.8, respectively.

(8) Weeks #11-13

Reading:

- Jones Chapter 7 (all)
- Jones Chapter 8 (all)

End of Chapter Problems:

- Chapter 7 40-76
- Chapter 8 12-23