

Homework Assignments (not necessarily exclusive)

(Skoog, Holler, Crouch 7th Ed.)

Chapter	Problems	Due Date
1. Introduction	1, 2, 8, 9, 10, 11	
6. An Introduction to Spectrometric Methods	1-6, 8, 9, 12, 14-19	
7. Components of Optical Instruments	1, 3, 8-16, 18 The answer to 9b given in the back of the book may be incorrect.	
8. An Introduction to Atomic Spectroscopy	1, 2, 5, 6, 8	
9. Atomic Absorption and Fluorescence Spectrometry	1, 4, 7, 10, 20, 21	
13. Introduction to UV-Visible Molecular Spectroscopy	1-12, 24-26	
14. Applications of UV-Visible Molecular Spectroscopy	1, 2, 4-6, 8, 9, 13	
15. Molecular Luminescence Spectrometry	1, 2, 4, 7	
16. Introduction to Infrared Spectrometry	1, 9, 10, 14	
17. Applications of Infrared Spectrometry		
19. Nuclear Magnetic Resonance Spectrometry	1, 3, 5aef, 7, 8, 10, 17, 21ac, 24, 26-28, 34	
5. Signals and Noise	1, 2, 5, 6-8, 10, 12	
22. Introduction to Electroanalytical Chemistry	1, 3, 4, 6, 7, 11, 12	
23. Potentiometry	1, 2, 4, 7ac, 16, 21, 22	
25. Voltammetry	3, 5, 10a	