

## Chemistry 102 Homework Set

### HW 1

Ch 13 *Kinetics*: 25, 31, 35, 37, 43, 47, 51, 55, 67, 73.

### HW 2

Ch 14 *Equilibrium*: 21, 27, 29, 31, 33, 37, 39, 41, 43, 45.

### HW 3

Ch 14 *Equilibrium*: 51, 53, 55, 57, 59, 61, 63, 65, 67, 69.

### HW4

Ch 15 *Acid/Base Equilibrium*: 35, 51, 61, 67, 73, 89, 91, 99, 103, 109.

### HW 5

Ch 16 *Aqueous Ionic Equilibrium-Salts and Buffers*: 27, 29, 33, 39, 43, 49, 53, 63, 67, 71.

### HW 6

Ch 16 *Aqueous Ionic Equilibrium-Titrations and Solubility*: 77, 81, 83, 85, 87, 89, 91, 93, 97, 101.

### HW 7

Ch 17 *Entropy and Free Energy*: 29, 31, 33, 47, 51, 55, 57, 63, 65, 75.

### HW 8

Ch 18 *Electrochemistry*: 39, 41, 47, 51, 53, 61, 65, 69, 73, 77.

### HW 9

Ch 24 *Transition Metals*: 17, 19, 21, 29, 31, 41, 43, 45, 49, 51.

### HW 10

Ch 19 *Nuclear Chemistry*: 31, 33, 35, 41, 45, 47, 51, 53, 55, 61.

### HW 11 (Extra Credit)

Ch 20 *Organic Chemistry*: 35, 37, 39, 41, 43, 45, 47, 47, 49, 59, 61.