

| 13 | 37 | Solutions, Solubility, Concentration | 13.1-13.5 |
| :---: | :---: | :---: | :---: |
|  | 38 | Colligative Properties, Vapor Pressure Lowering | 13.6-13.7 |
|  | 39 | Boiling Point Elevation, Freezing Point Depression | 13.8 |
| 14 | 40 | Osmotic pressure, Uses of Colligative Properties | 13.9 |
|  | 41 | Nuclear Reactions, Radioactivity | 20.1-20.2 |
|  | 42 | Nuclear Stability | 20.3 |
| 15 | 43 | Decay Rates, Dating | 20.4-20.5 |
|  | 44 | Mass-Energy Relationships, Fission, Fusion | 20.6-20.7 |
|  | 45 | Transmutation, Measuring Radioactivity | 20.8-20.9 |
| ${ }^{\text {a }}$ Omit Sections 17.9-17.15. ${ }^{\mathbf{b}}$ Omit Section 19.1. ${ }^{\text {c }}$ Omit Section 19.13. ${ }^{\text {d }}$ The schedule above, including the timing of the exams, is tentative and may be amended by your instructor. |  |  |  |

Chemistry 1220 is the second semester of the two-semester General Chemistry sequence (CHM 1210, 1220). Students are responsible for all text material whether it is specifically discussed in lecture or not. Suggested practice problems are given below. Your instructor may assign others.

## CHM 1220 Suggested End-of-Chapter Problem Assignments

Chemistry, $8^{\text {th }}$ Edition, by Robinson, McMurry \& Fay

| Chapter | Problem Numbers |
| :---: | :--- |
| $\mathbf{1 3}$ | $1,2,3,4,5,6,7,8,11,12,13,14,15,16,17,18,19,20,21,22,30,33,36,38,40,44$, <br> $46,48,50,52,57,60,64,66,70,80,82,84,86,90,92,93,94,95,96,102,103,104$, <br> $106,108,110,112,114,116,118,120,124,126,130,136$ |
| $\mathbf{1 4}$ | $1,2,3,4,5,6,7,8,11,12,13,14,15,16,17,19,20,21,22,23,24,25,26,40,42,48$, <br> $50,56,58,60,62,64,66,70,72,74,78,81,86,94,96,104,106,108,116,118$ |
| $\mathbf{1 5}$ | $1,2,3,4,5,7,8,12,13,15,16,17,19,20,23,24,25,26,27,28,29,30,31,41,42$, <br> $43,44,46,48,50,51,52,56,60,62,64,66,72,74,76,80,82,84,86,90,92,94,98$, <br> $118,120,122,124,126,128,132,100,102,111$ |
| $\mathbf{1 6}$ | $1,2,3,4,5,6,9,10,11,12,13,14,15,17,18,19,20,23,24,25,26,27,29,30,38$, <br> $39,41,43,48,50,52,54,68,70,72,74,76,82,84,88,90,94,96,98,100,102,112$, <br> $114,116,118,120,124,126,128,130,131,138,142$ |
| $\mathbf{1 7}$ | $1,3,4,5,6,7,8,9,10,11,12,13,14,15,16,38,41,42,47,49,51,55,57,59,61,63$, <br> $65,67,69,71,73,75,77,82,83,84,85,86,90,91,94$ |
| $\mathbf{1 8}$ | $1,2,7,8,9,10,11,12,13,14,15,16,17,18,26,28,29,30,38,40,44,56,62,64,66$, <br> $68,72,74,82,94,96,98,100,108,110,112,114,118$ |
| $\mathbf{1 9}$ | $5,6,7,8,9,10,11,12,13,14,17,19,20,21,23,24,25,26,34,38,41,58,60,62,64$, <br> $66,68,72,74,76,80,84,86,88,90,94,96,98,106,110,112,132,134,136,138$, <br> 140,142 |
| $\mathbf{2 0}$ | $1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,21,25,26,28,30,32,34,36$, <br> $40,43,44,46,49,50,52,58,60,63,64,70,74,76,78,80,82,84,88,90,94,96,100$, <br> 102,107 |

