

## Textbook Homework for Chemistry 202

*Chemical Principles* was written for Chemistry 202-204 and similar courses at other universities. The text assumes a prior knowledge of chemistry equivalent to that in a good, one-year high school chemistry course. The end-of chapter problems are organized such that the more routine problems are given first, arranged by section. **You should be able to do all of these problems** after reading and understanding the chapter. The more difficult problems that require more creativity are given under the “Additional Problems” heading, with the most difficult problems under the “Challenge Problems” heading. **You will probably not be able to do all of these problems the first time you try them.** If you cannot do a particular problem, reread the appropriate material and try again. By the time we finish with the material in a particular chapter, we expect that you will be able to do all of the problems at the end of that chapter. **You are expected to understand all of the concepts in these problems.**

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### Textbook Homework for Exam III

#### OWL Assignments for End-of-Chapter Problems:

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| <b>Monday, November 3:</b>     | <b>Chapter 12:</b> 4, 11, 105                                                       |
| <b>Wednesday, November 5:</b>  | <b>Chapter 12:</b> 116, 119, 139<br><b>Chapter 13:</b> 17, 39, 46, 48, 135          |
| <b>Friday, November 7:</b>     | <b>Chapter 13:</b> 10, 66, 85, 141, 142<br><b>Chapter 16:</b> 12                    |
| <b>Monday, November 10:</b>    | <b>Chapter 13:</b> 84, 96, 101, 106, 110, 111, 116<br><b>Chapter 16:</b> 16, 17, 23 |
| <b>Wednesday, November 12:</b> | <b>Chapter 5:</b> 91, 92, 96                                                        |
| <b>Friday, November 14:</b>    | <b>Chapter 15:</b> 18, 20                                                           |
| <b>Monday, November 17:</b>    | <b>Chapter 15:</b> 30, 33, 37, 38, 48                                               |
| <b>Wednesday, November 19:</b> | <b>Chapter 15:</b> 61, 63, 68, 108, 132                                             |
| <b>Friday, November 21:</b>    | <b>Chapter 15:</b> 39, 70, 73, 76, 82, 87, 131                                      |
| <b>Monday, December 1:</b>     | <b>Chapter 15:</b> 71, 91, 94, 117, 127, 128, 130                                   |

The problems given below should be attempted **before** the lecture as stated below. They will be collected by your TA in your Discussion section (either Tuesdays or Thursdays, as noted).

**Tuesday, November 4**

Monday, November 3: Chapter 12: 99, 100, 101, 102

**Tuesday, November 11**

Wednesday, November 5: Chapter 12: 112, 113, 142, 162

Chapter 13: 37, 42, 43a, 47, 63

Friday, November 7: Chapter 13: 86, 136, 138

Monday, November 10: Chapter 13: 103, 109

**Tuesday, November 18**

Wednesday, November 12: Chapter 5: 93, 95, 97

Friday, November 14: Chapter 15: 3, 9

Monday, November 17: Chapter 15: 29, 47

**Tuesday, December 2**

Wednesday, November 19: Chapter 15: 56, 57, 58, 62

Friday, November 21: Chapter 15: 77, 97

Monday, December 1: Chapter 15: 134, 136

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**Thursday, November 6**

Monday, November 3: Chapter 12: 99, 100, 101, 102

Wednesday, November 5: Chapter 12: 112, 113, 142, 162

Chapter 13: 37, 42, 43a, 47, 63

**Thursday, November 13**

Friday, November 7: Chapter 13: 86, 136, 138

Monday, November 10: Chapter 13: 103, 109

Wednesday, November 12: Chapter 5: 93, 95, 97

**Thursday, November 20**

Friday, November 14: Chapter 15: 3, 9

Monday, November 17: Chapter 15: 29, 47

Wednesday, November 19: Chapter 15: 56, 57, 58, 62

**Thursday, December 4**

Friday, November 21: Chapter 15: 77, 97

Monday, December 1: Chapter 15: 134, 136