

**CHM 3150 Organic Chemistry II, Dr. Laurie S. Starkey, Cal Poly Pomona**  
**Ch. 15 (Klein): NMR – Part 1, Textbook Problems Cover Sheet**

Name: \_\_\_\_\_ Signature: \_\_\_\_\_  
*By signing, you are confirming that the work you are submitting is your own.*

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**Hand-written and/or WileyPLUS EOC** Please mark the appropriate box below. **If you have worked on problems in WileyPLUS, please include a copy of your WileyPLUS gradebook with this coversheet.**

☐ hand-written only    ☐ hand-written problems & WileyPLUS    ☐ WileyPLUS only

**VitalSource Student Solutions Manual (SSM)** Being a good student with great study skills means working on a textbook problem...and then checking your answer! WileyPLUS will automatically do this, but when working offline you must check for yourself in the Solutions Manual. You are expected to self-grade your work, and it should not be error-free! **Students who simply copy answers from the Solutions Manual and submit them as their own work will not earn credit on this assignment.** Having the option to "grade" your own work is a significant advantage to working on textbook problems the old-fashioned way (pencil to paper, or stylus to tablet...), and in later chapters it reinforces the fact that there may be more than one reasonable solution.

**Do I have to do them all to earn credit?** No! If a problem has parts a-d and you can easily do the first few, then move on to something new and more challenging. **Be sure to work on problems of all types**, because that's what you will see on the exam. The more problems you work on, the higher your midterm score will be, so that is your motivation for working on textbook problems! I will apply a reasonable threshold to indicate "yes you have done EOC problems" and give you credit for doing so (the same applies to your WileyPLUS score, which will be adjusted to the EOC max 5 pts.).

**Suggested Ch. 15 problems (Part 1 for Exam II)**

|                                           |                                         |                 |
|-------------------------------------------|-----------------------------------------|-----------------|
| <b>SkillBuilder 15.1</b><br>1a-e, 2, 3, 4 | 18                                      | 38              |
| <b>SkillBuilder 15.2</b><br>5a-l, 6, 7    | <b>SkillBuilder 15.6</b><br>19ab, 20    | 39              |
| <b>SkillBuilder 15.3</b><br>8a-e, 9       | <b>SkillBuilder 15.7</b><br>21a-f, 22ab | 41              |
| 10a-d                                     | <b>SkillBuilder 15.9</b><br>26a-j, 27   | 42              |
| <b>SkillBuilder 15.4</b><br>11-14         | <b>EOC:</b>                             | 45              |
|                                           | 35                                      | 47              |
| <b>SkillBuilder 15.5</b><br>15a-d, 16     |                                         | 48              |
|                                           | 36                                      | 50              |
| 17                                        | 37                                      | 63-71 (ACS m/c) |