

CHE 310 – 002 & 003
Lecture Homework #37

Due: Friday, April 26, 2019, 10:00 am.

1. **Correct your exam critically.** Carefully go over the solutions and add correct answers. **Include explanations for all corrected answers.** Even chemical reactions require explanations in words. For example: This is a Diels-Alder reaction. The product has stereochemistry resulting from the endo rule (maximized secondary orbital overlap) and regiochemistry based on the ortho rule (resonance places complementary partial charges on the ends of the diene and dienophile) The product is racemic because the dienophile can approach from either the top or the bottom.

You can write directly on the exam, in pen, as long as it is in a different color than what was used originally. Feel free work problems on additional pages, but the exam must be turned in. The key is posted outside my office and **may only be hand-copied**. The solutions must also stay in the faculty office suite. If you are unsure if you have analyzed critically enough, please contact me.