

Other assignments (10%):

The following assignments will be worth a combined total of 10% of your final grade. Detailed instructions will be given at a later date:

1) *Chemical database searching*: Reaxsis provides electronic access to Beilstein organic chemistry database. SciFinder Scholar provides electronic access to Chemical Abstracts. These databases and their corresponding search engines are invaluable research tools for organic chemistry. You will be assigned a project that will introduce you to these tools.

2) *Graduate school search*: The goal here is to get you to think seriously about graduate school as a possible career path. You will be asked to identify at least 5 graduate programs that you would consider applying to, and to provide a quick summary of the research that interests you within those departments.

3) *NMR spectrum interpretation exercise*: You will be given an NMR spectrum to interpret. The structure will be provided, but all coupling constants must be calculated and all peaks must be assigned to the correct proton on the structure.

Attendance: Due to the multi-step nature of the experiments to be performed in this laboratory attendance is particularly important. If you miss a step you will not have the material available to you to perform the subsequent step. Therefore, any absence not prearranged with the instructor will result in a grade of zero for that particular multi-step sequence. This will have a major impact (>25%) on your final grade. *Religious Holidays: Students have the right to practice the religion of their choice. Each semester students should submit in writing to their instructors by the end of the second full week of classes their documented religious holiday schedule for the semester. Faculty must permit students who miss work for the purpose of religious observance to make up this work.*

Academic Conduct: Cheating or plagiarism will be considered grounds for failing the course. Cases of cheating or plagiarism may lead to further disciplinary actions including dismissal from the University according to the rules set forth in The University of Vermont's *Code of Academic Integrity*.

*If you do not have a copy of the Aldrich Catalogue (i.e. Aldrich Handbook) request one at:
<http://www.sigmaaldrich.com/Brands/Aldrich.html>
This is an invaluable free resource.*

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