CHEMBIO 3OB3 Applications of Spectroscopy: Structure Elucidation

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Course content: Applications of spectroscopy detailing the use of NMR, MS, IR, and UV in determining structures of small molecules and biomolecules with a particular focus on natural products.

Lecture notes will be provided on Avenue to Learn

Course Evaluation:

Assignments (2 @ 10% each) 20%; Term Test (in class) 20%; Class Participation 10%; Final Exam 50%

Failure to complete any of the term work will result in a corresponding increase in the value of the final exam by the amount of the missed work.

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<th>Out</th>
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<tbody>
<tr>
<td>Assign 1</td>
<td>Feb. 3</td>
<td>Feb. 10</td>
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<td>Assign 2</td>
<td>March 16</td>
<td>March 23</td>
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<td>Test</td>
<td>Feb 24</td>
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Academic Integrity / Academic Dishonesty

• Academic Integrity is the standard

• Academic dishonesty consists of misrepresentation by deception or by other fraudulent means and can result in serious consequences.

• e.g. the grade of zero on an assignment, loss of credit with a notation on the transcript (notation reads: "Grade of F assigned for academic dishonesty"), and/or suspension or expulsion from the university.

• It is your responsibility to understand what constitutes academic integrity and academic dishonesty – see the course website for a full description.