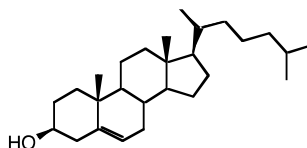


β -D-Glucose



Cholesterol

<p style="text-align: center;">Organic Chemistry CHEM 336 Fall 2015</p>
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Meetings: MWF, 1:00-1:50 pm
 Location: Building LaT, Room 201

Instructor: Dr. Douglas A. Klumpp
 Email: dklumpp@niu.edu
 Office: Building FR, Room 335
 Office Hours: MF, 2:00-3:00 pm; T 2:00-3:00 pm
 and by appointment.

Textbook: **Organic Chemistry, 11th Ed**
 Solomons, Fryhle, and Snyder
 Wiley & Sons, NY, NY

Grades:

The course grade will be assigned based on your point totals from the hour exams and the final. There will be four hour exams given on 9/18, 10/9, 10/30, and 11/20. If an exam is missed, the 100 points from that exam will be placed on your final (i.e. your final becomes a 300 point exam). No make up exams will be given. If more than one exam is missed, or both an exam and the final are missed, zeroes will be assigned for the exam(s). The final will be comprehensive, but it will also contain some new material given after exam 4. NOTE: by enrolling in this class, you have agreed to take the final on the scheduled date and time (Wed. 12/9, noon to 2 pm). The final exam cannot be rescheduled for individuals.

Mid-term 1 (9/18)	100 pts
Mid-term 2 (10/9)	100 pts
Mid-term 3 (10/30)	100 pts
Mid-term 4 (11/20)	100 pts
Final exam (12/9, 12 noon)	200 pts
Total Points	600 pts

Approximate Scale (+ and – will also be used):

Average Grade A (100-85%), B (84-70%), C (69-55%), D (54-40%)

Tentative Schedule

Lecture Dates	Chapters	Subject
8/24 to 8/28	1	Bonding, orbitals, structures
8/31 to 9/4	2	Functional groups, forces, IR spectra
9/7 to 9/11	3	Acid-base chemistry, thermodynamics
9/18		Exam 1
9/14 to 9/21	4	(Cyclo)alkanes, conformations, and nomenclature
9/23 to 10/2	5	Stereochemistry
10/9		Exam 2
10/5 to 10/12	6	Substitution and elimination
10/14 to 10/19	7	Synthesis of alkenes
10/21 to 10/26	8	Addition reactions
10/30		Exam 3
10/28 to 11/4	9	NMR
11/6 to 11/13	10	Radical reactions
11/20		Exam 4
11/16 to 12/2	11	Alcohols and ethers (and maybe thiols)
12/9 (12 noon to 2 pm)		Final Exam