

CHEM 1152 – Survey of Chemistry II

Course Syllabus - Spring 2017

Individuals with disabilities who need to request accommodations should contact the Disability Services Coordinator, Administration Building A23, 678-466-5445, disabilityservices@clayton.edu

Course Description:

Number and Title:

CHEM 1152 (CRN 20272)
Survey of Chemistry II

Credit Hours:

Chemistry 1152 is a three hour credit science course for Area D of the Core Curriculum of Clayton State University.

Catalog Description:

Second course in a two-semester sequence covering elementary principles of general, organic and biochemistry designed for allied health science majors (This course is also open to non-science majors). **If you are majoring in a science field, check with the instructor to be sure you are in the correct course.**

Course Prerequisites and Co-requisites:

Prerequisite: CHEM 1151, Survey of Chemistry I
Possible Co-requisite: CHEM 1152L (Laboratory is not required of everyone.)

Notebook Computer Requirement:

Each CSU student is required to have ready access throughout the semester to a notebook computer that meets faculty-approved hardware and software requirements for the student's academic program. Students will sign a statement attesting to such access. For further information on CSU's Official Notebook Computer Policy, please go to <http://itpchoice.clayton.edu/policy.htm>.

Computer Skill Prerequisites:

- Able to use the Windows™ operating system.
- Able to use a the Microsoft Word™ word processing program.
- Able to send and receive e-mail using the Outlook™ or Outlook Express™ program
- Able to attach and retrieve attached files via email.
- Able to use a Web browser.

In-class Use of Student Notebook Computers:

Student notebook computers will not be used in the classroom in this course. Computers will be required to access course materials and to communicate with your instructor.

Course Objectives:

After completing the course the successful student will:

- recognize organic chemistry functional groups.
 - be able to name a variety of organic molecules (nomenclature)
 - be able to predict products of basic functional group reactions
 - exhibit applications of organic chemistry to simple biochemical systems
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Student Learning Outcomes:

General education outcomes:

The following links provide tabular descriptions of the communications outcome and the critical thinking outcome components (see CHEM 1152 in the tables):

- [Communications outcomes components](#)
 - [Critical thinking outcomes components](#)
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Instructor Information:

Dr. Susan F. Hornbuckle

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Office: LDS 235B

On Campus Office hours:	1:00 PM – 3:00 PM	M
	8:40 AM – 9:40 AM	T,Th
	12:40 PM – 2:40 PM	Th

Class Meetings:

Days	Times	Room
TR	9:50 AM - 11:05 AM	LDS 210

Textbook Information:

Text: "General Organic and Biochemistry" 9th Edition, Denniston, Topping, Quirk Dorr, Caret, McGraw-Hill, 2017

Text Coverage: Chapters 11-20 but not necessarily in consecutive order

Assessments:

There will be three classroom exams and one 2-hour final (comprehensive). The exams will be announced approximately one week in advance whenever possible and attendance is mandatory. If a student has an excused absence on an exam day, the student's final exam percentage score will be used in place of the missed exam score. No make-up exams will be given.

Grades will not be communicated via email or telephone. Exams will be handed back in the next lecture period after an exam. If absent, a student must come by during office hours to retrieve their exam. Final exam papers may be viewed the following semester during office hours.

Evaluation:

Your evaluation in CHEM 1152 will be based upon the following components:

component	points
In-class examinations: 3 @ 100 points	300
Final Exam	<u>150</u>
Total	450

Grading:

The grade you receive in Chemistry 1152 will be based upon the following distribution:

letter grade	percentage range
A	90% or greater
B	80% - 89%
C	70% - 79%
D	60% - 69%
F	Below 60%

Mid-term Progress Report

The mid-term grade in this course, which will be issued on February 28th, may or may not reflect 50% of the entire course grade. Based on this grade, students may choose to withdraw from the course and receive a grade of "W." Students pursuing this option must fill out an official withdrawal form, available in the Office of the Registrar, or withdraw on-line using the Swan by mid-term, which occurs on March 4th. [Instructions for withdrawing are provided at this link.](#)

The last day to withdraw without academic accountability is Friday, March 3rd, 2017.

Tentative Topic Schedule *

Week	Topic	Chapter
1	Introduction/ Saturated Hydrocarbons	10
2	Saturated Hydrocarbons	10
3	Unsaturated Hydrocarbons	11
4,5	Alcohols, Phenols, Thiols and Esters	12
February 14 th	EXAM 1*	
6,7	Aldehydes and Ketones	13
8	Carboxylic Acids & Esters	14
9	Spring Break	
10	Amines and Amides	15
March 21 st	EXAM 2*	
12	Carbohydrates	16
13	Lipids	17
14	Proteins	18
15	Nucleic Acids	20
16	Enzymes	19
April 27 th	EXAM 3*	
May 2 nd 10:15 AM	FINAL EXAM (Comprehensive)	

*The instructor reserves the right to alter the course schedule at any time during the semester.

Assessments will be announced **in class as least one week before each assessment.

Important Dates	
Holiday	January 16th
Last day to withdraw with academic penalty	March 3rd
Spring Break	March 6th - 12
Last Day of Classes	May 1st

Course Policies:

Homework:

This course demands and expects approximately two hours of work per night. Reading assignments are tentatively made on this syllabus. The student is expected to complete all chapter problems upon completion of each topic in class. However, these will not be collected or graded. Completion of homework is **your responsibility**. Supplementary problems will also be assigned.

Attendance:

Class roll will be taken, however, attendance is not required except for classroom assessments. You are responsible for all attendance requirements for external programs (i.e. financial aid). It is your responsibility to sign the roll sheet at every class meeting you attend. This roll sheet is the instructor's official record. You will be held responsible for all announcements and material covered in lecture in addition to text, references, hand-outs and study guides. Note: Lectures will contain valuable explanations of content and thought processes which are difficult for most students to extract from the text book on their own. Therefore, regular attendance is strongly encouraged.

Academic Irregularity:

Any type of activity that is considered dishonest by reasonable standards may constitute academic misconduct. The most common forms of academic misconduct are cheating and plagiarism. All instances of academic dishonesty will result in a grade of zero for the work involved. All instances of academic dishonesty will be reported to the Office of Student Life/Judicial Affairs. Judicial procedures are described at <http://adminservices.clayton.edu/studentconduct/>.

Assessments:

There will be three (3) classroom assessments and one 2-hour final (comprehensive). The assessments will be announced approximately one week in advance whenever possible and attendance is mandatory. If a student has an excused absence on an exam day, the student's final exam percentage score will be used in place of the missed exam score. No make-up exams will be given.

Grades will not be communicated via email or telephone. Exams will be handed back in the next lecture period after an exam. If absent, a student must come by during office hours to retrieve their exam. Final exam papers may be viewed the following semester during office hours.

Disruption of the Learning Environment:

Behavior which disrupts the teaching–learning process during class activities will not be tolerated. While a variety of behaviors can be disruptive in a classroom setting, more serious examples include belligerent, abusive, profane, and/or threatening behavior. A student who fails to respond to reasonable faculty direction regarding classroom behavior and/or behavior while participating in classroom activities may be dismissed from class. A student who is dismissed is entitled to due process and will be afforded such rights as soon as possible following dismissal. If found in violation, a student may be administratively withdrawn and may receive a grade of WF. A more detailed description of examples of disruptive behavior and appeal procedures is provided at:

<http://a-s.clayton.edu/DisruptiveClassroomBehavior.htm>

Other Class Policies:

"Students must abide by policies in the [Clayton State University Student Handbook](#), and the [Basic Undergraduate Student Responsibilities](#)."

- Arrive to class on time.
- Avoid disruptive behavior in class: talking, snoring, children, etc.
- Turn off **computers, phones**, radios and other electronic devices at the start of class.
- If you must leave early, leave quietly by a back door if possible.
- Use the pencil sharpener before class begins.
- No eating, smoking or drinking in the classrooms.
- No extra credit work will be assigned.