CHEM 1510 - Chemistry for the Allied Health Sciences

Fall 2026 Syllabus, Section 02, CRN 41526,

Credit hours: 4

Instructor

Will Jencius

Dr.

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Public Instructor Information

Instructor Title: Dr. Will Jencius
Instructor Professional Qualifications: Ph.D., Chemistry, B.S., Biochemistry, Kent State University
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Course Description

1510. Chemistry for the Allied Health Sciences. An overview of general, organic, and biochemistry. General chemistry introduces basic principles of chemistry. Organic chemistry examines the physical and chemical properties of molecules based on their functional groups. Biochemistry applies these chemistry concepts to the living organism. Intended for majors in allied health and other applied sciences. Three hours lecture, three hours laboratory. Prereq.: "C" or better CHEM 1501 or equivalent, Level 20 or better on the MPT. 4 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Chemistry: An Introduction to General, Organic, and Biochemistry, 14th ed.	Karen Timberlake	0138201862

Text: Chemistry: An Introduction to General, Organic, and Biochemistry, 14th ed. by Karen Timberlake, published by Pearson Education, Inc., 2024.

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
8/24	Chapters 1,2, and 4		
8/31	Chapter 4		
9/7	Chapter 6		
9/14	Chapter 7		
9/21	Chapter 9		
9/28	Chapter 10		
10/5	Chapter 11		
10/12	Chapter 12		
10/19	Chapter 13		
10/26	Chapter 14		
11/2	Chapter 15		
11/9	Chapter 16		
11/16	Chapter 16		
11/23	Chapter 16		

11/30	Chapter 18
12/7	Chapter 18

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.