CHEM 1515R - Recitation for General Chemistry 1

Fall 2026 Syllabus, Section 01, CRN 40719,

Credit hours: 1

Instructor

Brian D. Leskiw

Professional Qualifications:
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Blackboard message board.

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Course Description

1515R. Recitation for General Chemistry 1. Discussion and problem solving based on current material in CHEM 1515. Required for chemistry majors or for those repeating CHEM 1515. Concurrent with CHEM 1515. 1 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Chemistry, A Molecular Approach, 6th Edition	N. Tro	

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

Day	Date	Proposed Topic	Due/To Prepare for Class
Fri	8/28	Introduction, Elements, Density, Temperature	
Fri	9/4	Elements, Density, Temperature	
Fri	9/11	Scientific Notation, Significant Figures, Conversions	
Fri	9/18	Nomenclature, Isotopes, Balancing Equations	
Fri	9/25	Stoichiometry, Percent Composition, Limiting Reactants	
Fri	10/2	Acid-Base Reactions, Molarity, Titrations	
Fri	10/9	Gas Laws, Mole Fraction, Partial Pressure	
Fri	10/16	Thermochemistry: Specific Heat, Enthalpy	

Fri	10/23	Electromagnetic Spectrum, Frequency, Wavelength
Fri	10/30	Quantum Numbers, Electron Configuration
Fri	11/6	Periodic Properties of the Elements
Fri	11/13	Atomic Structure, Formal Charge
Fri	11/20	Chemical Bonding, Molecular Geometry
Fri	11/27	
Fri	12/4	Review
Fri	12/11	

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.