

Introduction to Chemistry Syllabus

Instructor: Nathan Zhang

Weekly Classes on Thursdays, 7:30 PM - 8:30 PM ET

Course Description

This introductory chemistry course is designed for students who don't have prior chemistry knowledge. The course will teach students conceptual chemistry and focus on basic chemistry concepts. In order to help students better understand these concepts, each new concept will be accompanied by questions testing students' knowledge of the material. The goal of this course is to act as a bridge for further in-depth study of chemistry: either in high school or self-study.

Meeting Agenda

6/30 Meeting 1: Matter and Measurement

7/7 Meeting 2: Atoms and Elements

7/14 Meeting 3: Molecules and Compound

7/21 Meeting 4: Chemical Reaction and Chemical Quantities

7/28 Meeting 5: Solutions

8/4 Meeting 6: Gasses

8/11 Meeting 7: Thermochemistry

8/18 Meeting 8: Chemical Kinetics

8/25 Meeting 9: Chemical Equilibrium

9/1 Meeting 10: Acids and Bases