

CHM 112: College Chemistry II

This is the second course in a two-semester sequence designed primarily for the science and engineering student who is expected to have a strong background in mathematics. Topics in this course include chemical kinetics, chemical equilibria, acids and bases, ionic equilibria of weak electrolytes, solubility product principle, chemical thermodynamics, electrochemistry, solutions, reaction rates, colloids, heat transfer, pH, redox reactions gas laws, solids and liquids, selected topics in descriptive chemistry including metals, nonmetals and semimetals, qualitative analysis, kinetic molecular theory and intermolecular forces. Laboratory is required.

Credits: 4

Transfer Code: Code A

Lab Hours: 3

Lecture Hours: 3

Prerequisites:

A grade of "C" or higher in both CHM111 and MTH112.

Program: [Chemistry](#)

Semester Offered:

Fall

Spring