

CHM 111: College Chemistry I

This is the first course in a two-semester sequence designed for the science or engineering major who is expected to have a strong background in mathematics. Topics in this course include measurement, nomenclature, stoichiometry, atomic structure, mole calculations, chemical equations, acids and bases, polarity, acid-base theory, equations and reactions, basic concepts of thermochemistry, chemical and physical properties, bonding, molecular structure, kinetic molecular theory, condensed matter, solutions, and some descriptive chemistry topics. Laboratory is required.

Credits: 4

Transfer Code: Code A

Lab Hours: 3

Lecture Hours: 3

Prerequisites:

MTH 112 (Precalculus Algebra) or equivalent math placement score and the completion of either CHM 099, CHM 104 or high school chemistry

Program: Chemistry

Semester Offered:

Fall

Spring

Summer