

Chemistry for Engineers

CHEM 1415

DEGREE PROGRAM COURSE DESCRIPTIONS

This course is designed for engineering majors that require only a single semester of chemistry. It covers chemical principles relevant for engineers including the electronic structure of atoms and molecules; reactions and stoichiometry; the properties of solids, liquids, and gases; solutions; acids and bases; thermochemistry; electrochemistry; kinetics; and equilibrium. Laboratory is an integral part of the course. This course cannot be used as a prerequisite for CHEM 1215.

PREREQUISITES?

ENGL 0203, adequate placement score, or by meeting determined placement measures; MATH 1483 or MATH 1533 with a "C" or better or placement in MATH 1613 or above; high school chemistry is strongly recommended. Enrollment is restricted to pre-engineering majors.

CREDIT HOURS

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