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This course covers the nature of matter and the changes it undergoes. Instructors introduce students to concepts such as the structure of atoms, chemical equations, Lewis structures, oxidation-reduction, electron configurations, molecular geometry, and intermolecular forces. Students also have the opportunity to practice dimensional analysis, stoichiometric calculations, gas laws, and calorimetry.

Letter Grade

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0000    0 CHEM 002, Intermediate Algebra or equivalent, or eligibility for transfer level math

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The CHEM 002 prerequisite can be satisfied by the successful completion of one year of high school chemistry

Transferable to both UC and CSU

Area A-5: Natural Sciences

Area B1 - Physical Sciences Area B3 - Laboratory Activity- Lab course used from B1 or B2

Area 5A - Physical Sciences Area 5C - Laboratory

0 CHEM 110 - General Chemistry for Science Majors I, with Lab CHEM 120 S - General Chemistry for &r