

# CHM - ENGINEERING CHEMISTRY (CHM)

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## **CHM 1103 Engineering Chemistry (3-1-3)**

Covers the fundamental principles and concepts of chemistry, matter, atomic theory, atomic structure and periodic table, electronic configuration, Lewis structure, chemical bonding, stoichiometry of chemical reactions, reaction in aqueous solution with molarity calculation and types of chemical reactions. Chemical equilibrium and equilibrium constant expression and kinetics with rate law. Classroom concepts are supported by laboratory experiments.