

---

## 2024-25 ACADEMIC COURSES

### CEM 105 : FUNDAMENTALS OF CHEMISTRY

---

In this course, students explore a broad survey of the major topics in Chemistry (including states of matter, physical and chemical changes, stoichiometry, atomic and molecular structure, gases and gas laws, electronic structure, periodic properties, chemical bonding, energy and heat, intermolecular forces, acids/bases and redox reactions). This course is designed for students with an interest in nursing, other health related areas, and those needing a general science elective. Level I Prerequisite: Academic Reading and Writing Levels of 6; Academic Math Level 3; high school chemistry taken in the 5 years prior to enrolling in this course or CEM 101, minimum grade "C"

**Level I Prereq:** Academic Reading and Writing Levels of 6; Academic Math Level 3; high school chemistry taken in the 5 years prior to enrolling in this course or CEM 101, minimum grade "C"

Description	Hours
Credits	4
Lecture Hours	45
Clinical Hours	0
Lab Hours	45
Other Hours	0
Total Hours	90

Accurate as of 04/25/2025 Information is subject to change without notice.