

**Course:** CHEM 101  
**Title:** General Chemistry I

### Course Description

The student learns nomenclature, atomic structure, quantum theory, bonding theories and molecular geometry, chemical equations, stoichiometry, thermochemistry, solid, liquid and gaseous states and related forces, gas laws, solutions and colligative properties, periodic relationships, and acid base theories. Laboratory exercises are quantitative in nature and are related to the lecture topics. This is the first semester of a one-year course in chemistry intended for majors in the natural sciences (chemistry, biochemistry, biology, physics, pre-medicine), mathematics, and engineering.

### Units/Transferability

5 units      Lecture Hours: 3      Lab Hours: 6      Transferrable to CSU: Yes      Transferrable to UC: Yes

### Prerequisites/Co-requisites/Advisories

Advisory: English 028 ; Prerequisite: Chemistry 060 OR Chemistry 065 OR Chemistry 068 AND Math 125

### Course Student Learning Outcomes

1. The student will interpret, analyze and solve qualitative and quantitative problems appropriate to the course content. 2. The student will perform proper laboratory skills and techniques exhibited in general college chemistry laboratory.

### Grading Scale or Criteria

A - Excellent	F - Failing
B - Good	P - Pass; at least equivalent to a "C" grade or better
C - Satisfactory	NP - Not Pass; equal to "D" or "F" grade
D - Less than satisfactory	

### Drop and Repeats

Effective July 1, 2012 students are allowed three (3) attempts to pass a single class within the Los Angeles Community College District. If a student gets a "W", "D", "F", or "NP" as a grade in a class, that counts as an attempt. If you think you will not be able to complete this course with a C or better, please drop by the due date.

*For all important dates make sure to visit <http://www.lacitycollege.edu/services/admissions/dates.html>*

### Attendance Policy

Students who are registered and miss the first time the class meets may lose their right to a place in the class. Whenever students are absent more than 10% of the total meeting days of the class, the instructor may exclude them from class. If the instructor determines that there are no mitigating circumstances that may justify the absences, the instructor may exclude a student from the class. Students are responsible for officially dropping a class that they stop attending.

### Financial Aid

If you need help paying for books and other college expenses, call the Financial Aid Office at (323) 953-4000 ext.2010 or email [finaid@lacitycollege.edu](mailto:finaid@lacitycollege.edu).

### Accommodations

Students with a verified disability who may need authorized accommodation(s) for this class are encouraged to notify the instructor and the Office of Special Services (323-953-4000, ext.2270 or email [oss@lacitycollege.edu](mailto:oss@lacitycollege.edu)) as soon as possible, and at least two weeks before any exam or quiz. All information will remain confidential.

### Student Code of Conduct

Violations of academic integrity include, but are not limited to, the following actions: cheating on an exam, plagiarism, working together on an assignment, paper or project when the instructor has specifically stated students should not do so, submitting the same term paper to more than one instructor, or allowing another individual to assume one's identity for the purpose of enhancing one's grade (see LACCD Board Rule 9803.28). Penalties may include a grade of zero or "F" on an exam or paper, or even suspension from the College.

## **Prohibited Discrimination**

The policy of the Los Angeles Community College District is to provide an educational, employment and business environment free from Prohibited Discrimination, as defined by Board Rule 15003. Employees, students, or other persons acting on behalf of the District who engage in Prohibited Discrimination as defined in this policy or by State and Federal law shall be subject to discipline, up to and including discharge, expulsion, or termination of contract. The specific rules and procedures for reporting allegations of Prohibited Discrimination and for pursuing available remedies are included in Administrative Regulation C-14. A copy may be obtained from the Title IX Coordinator or from the District's Office for Diversity, Equity, and Inclusion.

Any member of the Los Angeles City College community, which includes students, faculty, and staff, who believes, perceives, or actually experiences conduct that may constitute prohibited discrimination, has the right to seek the help of the College. Every employee has the responsibility to report such conduct to the Title IX Coordinator or other designee(s) of the College President when it is directed toward students. Potential complainants are advised that administrative and civil law remedies, including but not limited to injunctions, restraining orders or other orders, may be made available. For assistance, contact the Title IX Coordinator at (323) 953-4000, Ext. 2758, or the Office of Diversity, Equity, and Inclusion, at (213) 891-2315.