

**Course:** CHEM 060



**Title:** INTRODUCTION TO GENERAL CHEMISTRY

### **Course Description**

A student learns nomenclature of elements and inorganic compounds, ionic and covalent bonding, atomic structure, molecular geometry, chemical reactions, problem solving, measurements, stoichiometry, states of matter and related energy concepts, gas laws, aqueous and solution chemistry, quantum theory, periodic properties, colligative properties, and acid base concepts. This course is a survey of basic chemistry topics with laboratory, emphasizing fundamental principles of inorganic and physical chemistry. Laboratory exercises are quantitative in nature and are related to the lecture topics. This course serves as preparation for major's chemistry, allied health, and general education, and meets the IGETC and CSU general education requirements for physical science with laboratory.

### **Units/Transferability**

Transferrable to UC and CSU

### **Prerequisites/Co-requisites/Advisories**

Prerequisite: Math 115 No Corequisites. Advisory: English 028 or English 031

### **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 introductory chemistry laboratory.

### **Grading Scale or Criteria**

A - Excellent

B - Good

C - Satisfactory

D - Less than satisfactory

F - Failing

P - Pass; at least equivalent to a "C" grade or better

NP - Not Pass; equal to "D" or "F" grade;

### **Drop Date and Repeats**

For classes from 8/29/16 to 12/18/16, the deadline to drop without a "W" on your transcript is September 11, 2016. 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" or grade of "D", "F", or "NP" 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, drop by November 20, 2016. If the class begins or ends on a different date, please refer to <http://www.lacitycollege.edu/services/admissions/dates.html>

### **Attendance Policy**

Students who are registered and miss the first class meeting may lose their right to a place in the class. Whenever students are absent more hours than the number of hours the class meets per week, 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, <http://www.lacitycollege.edu/stusvcs/finaid/>.

### **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) 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.