

CHEMISTRY READINESS EXAM

Pierce College

PURPOSE

Students who wish to enroll in Chemistry 101 must pass Chemistry 60 (65 or 68) in the LACCD with a "C" grade or better **or** pass the **Chemistry Readiness Exam**. The test serves two purposes. It acquaints students with the skills that are needed to succeed in the general chemistry series and it serves to identify those students who are eligible for placement into Chemistry 101. For some students the examination will be a warning that their chances of obtaining a satisfactory grade in Chemistry 101 are very slight and that they should improve their knowledge by enrolling in Chemistry 60. Even though you may pass the readiness exam, if you have limited chemistry laboratory experience you are strongly encouraged to enroll in Chemistry 60 in order to acquire the skills needed for the laboratory in Chemistry 101. Prerequisite courses or placement results taken at other accredited colleges or universities must be presented to the Assessment Center to be substituted for the Pierce Chemistry 101 Readiness Test. Upon completing the test, students are advised of their placement and given their authorization to enroll. Students must pass the test within one year of when they register to enroll in Chemistry 101. A student who passes the test may take the exam more than once to maintain this recency requirement, **but a student who fails may not repeat the test**.

CONTENT

This 45-minute test consists of questions based on high school chemistry and high school mathematics. These include questions on solving simple algebraic equations, on the use of proportions and percentages, and on solving word problems. The majority of the test deals with chemistry and is primarily concerned with concepts discussed in Chemistry 60, including: elements and their properties, chemical formulas and reactions, stoichiometry, concentrations of solutions, gases, oxidation numbers, redox reactions, and the concepts of acids and bases. The best preparation for the test (and for Chemistry 101) is to review the parts of high school algebra and chemistry that have been forgotten. Those who wish to prepare for the test and do not have a chemistry text may find helpful one of the books prepared for reviewing for the standardized achievement tests in chemistry. These can be obtained in any bookstore.

REQUIREMENTS

Call the Assessment Center at 818-719-6499 to make an appointment for the exam. You will need to bring to the exam a number 2 pencil, your student ID number and a **NON-PROGRAMMABLE** calculator. You will be given a periodic table for the exam.

NOTE: YOU WILL NOT BE ABLE TO ENROLL IN CHEMISTRY 101 BEFORE YOU HAVE THE MATHEMATICS AND CHEMISTRY PREREQUISITE. IF YOU ARE TAKING THE READINESS EXAM, YOUR ENROLLMENT IS CONTINGENT UPON SATISFACTORY PERFORMANCE ON THIS TEST. DATES AND TIMES FOR THE EXAM APPEAR IN THE SCHEDULE OF CLASSES OR ON-LINE UNDER THE CHEMISTRY 101 HEADING.