This course uses a developmental approach to prepare students to deal successfully with General Chemistry I (CHEM 1030) or Health Science I (CHEM 1180).

Chemical concepts and applied mathematics will be presented in a laboratory - centered approach. Integrating computer based study exercises and laboratory work into the course will encourage the use of computers. It is assumed that enrolled students will have a working knowledge of elementary algebra and are reading at an appropriate grade-level for the course materials. Every student will be required to take the ACS placement test as well as CCRI ‘s placements tests to verify their compliance with the course prerequisites.

The course is taught in a synthesis style. Students will read the assigned materials in the text(s) or supplementary handouts, take notes on the lectures, work on assigned activities in small groups, do homework assignments, perform and prepare laboratory reports on experimental investigations. These activities will assist the student in their mastery of the course. Tests, quizzes, computerized exercises, graded laboratory reports and group exercises will provide the basis for the assessment of each student; attendance and effort will also be considered in this evaluation process.

College students must be prepared to invest a certain amount of study and preparation time in order to be successful in achieving mastery of the course. The usual ratio is a minimum of TWO hours of effort for each hour of class. Punctuality and attendance are essential to the learning process and will be monitored as a part of the course grade.

Instructor: Professor Thomas Whitfield
Office: Knight 3010
Phone: (401) 825 -2012
E-mail: twhitfield @ccri.cc.ri.us

Texts and Materials: Each student will be expected to have the following:

(3) ChemSkill Foundations Problem Set (CD)
(4) Scientific calculator
(5) Approved laboratory safety goggles
(6) A bound notebook or ring binder, pens and pencils