

# Chemistry

## **CHE1015, GENERAL CHEMISTRY I**

**WITH LAB T, 5 hours.**

This class requires CHE101L General Chemistry Lab to be taken at the same time. Lecture, discussion and laboratory work on the principles involved in general chemistry with special emphasis on mathematical relationships. Class involves 3 hours of lecture and 3 hours of lab. Students planning majors in most science related fields should enroll in this class. Topics include measurement systems, stoichiometry, atomic and molecular structure, chemical behavior, physical states, solutions, acid/ base chemistry, gas laws, oxidation/ reduction chemistry, and thermochemistry. Students will need good background in high school chemistry and algebra.

## **CHE1025, GENERAL CHEMISTRY II**

**WITH LAB T, 5 hours.**

This class requires CHE102L General Chemistry II Lab to be taken at the same time. A continuation of CHE1015. Three hours lecture and three hours of lab are offered each week. Topics covered include chemical kinetics, equilibrium, acid/base chemistry, aqueous equilibria, thermodynamics, electrochemistry and organic chemistry. Prerequisite: CHE1015.

## **CHE1095, BASIC CHEMISTRY T, 5 hours.**

This class requires CHE109L Basic Chemistry Lab to be taken at the same time. Introduction to chemistry for students who have not taken high school chemistry; involves 3 hours of lecture plus three hours of lab. Topics covered include measurement systems, atomic and molecular structure, stoichiometry, gas laws and acids and bases, organic chemistry and biochemistry. Prerequisite: High School Algebra.

**T** This course is approved by the Kansas Board of Regents for System Wide Transfer among all Kansas public postsecondary institutions offering an equivalent course. Additional courses may also be eligible for transfer. Please visit the FSCC Registrar to learn more. \*Offered on demand only. +Offered in 1 to 3 hour increments.