

Principles of Chemistry I

Last Updated: Tue, 03/17/2026

Course prefix: CHEM

Course number: 1211K

Section: B02

CRN

82640

Instructor first name: Deborah

Instructor last name: Santos

Semester: Fall

Academic year: 2026

Course description: First course in a two-semester sequence covering the fundamental principles and applications of chemistry designed for science majors. Topics to be covered include composition of matter, stoichiometry, periodic relations, and nomenclature. Laboratory exercises supplement the lecture material. Credit not allowed for both CHEM 1310 and CHEM 1211K.

Academic honesty/integrity statement:

Georgia Tech aims to cultivate a community based on trust, academic integrity, and honor. Students are expected to act according to the highest ethical standards. For information on Georgia Tech's Academic Honor Code, please visit <http://www.catalog.gatech.edu/policies/honor-code/> or <http://www.catalog.gatech.edu/rules/18/>. If you are struggling in this class please come see me so that we can work together to identify those elements where you may need additional guidance and instruction. My goal is to create a learning environment that is challenging and encouraging. You are responsible for knowing what plagiarism is (see this link for more: <https://www.onlinecolleges.net/for-students/avoid-plagiarism/>). **Note: plagiarism includes the use of AI, such as ChatGPT and others, to generate original content.** Cheating and/or plagiarizing on an assignment denies you the opportunity to learn. It also puts you in jeopardy since any student suspected of cheating or plagiarizing on a quiz, exam, or assignment will be reported to the Office of Student Integrity, which will investigate the incident and identify the appropriate penalty for violations.

Core IMPACTS statement(s) (if applicable):

Core IMPACTS refers to the core curriculum, which provides students with essential knowledge in foundational academic areas. This course will help students master course

content, and support students' broad academic and career goals. This course should direct students toward a broad Orienting Question: How do I understand human experiences and connections? Completion of this course should enable students to meet the following Learning Outcome: Students will effectively analyze the complexity of human behavior, and how historical, economic, political, social, or geographic relationships develop, persist, or change. Course content, activities and exercises in this course should help students develop the following Career-Ready Competencies: Intercultural Competence, Perspective-Taking, Persuasion