Principles of Physics I

Course prefix: PHYS

Course number: 2211

Section: W26

CRN
82099

Instructor first name: Emily

Instructor last name: Alicea-Munoz

Semester: Fall

Academic year: 2026

Course description: An introductory course which will include mechanics (kinematics, dynamics, work and energy, momentum and collisions, and rotational motion and statics), and may also include oscillations and computational methods. This is a calculus-based course.

Academic honesty/integrity statement:

According to the Georgia Tech [Academic Honor Code](), **academic misconduct is any act that does or could improperly distort student grades or other student academic records.** Such acts include:

- Possessing, using or exchanging improperly acquired written or verbal information in the preparation of any essay, laboratory report, examination, or other assignment included in an academic course;
- Substitution for, or unauthorized collaboration with, a student in the commission of academic requirements;
- Submission of material that is wholly or substantially identical to that created or published by another person or persons, without adequate credit notations indicating authorship (plagiarism).

AI use

As one of the learning outcomes of this course is to acquire the ability to think critically about and analyze contemporary global challenges, the use of generative AI software such as ChatGPT, DALL-E 2, and other AI agents is PROHIBITED in this course. I will be using Georgia Tech's software (Turnitin) to check for AI use. To allow for false positives, Turnitin-detected AI content up to 20% will be accepted. Work above that threshold will be considered to be potentially plagiarized and will be reported to the Office of Student

Integrity.

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