

Intro to Media Computation

Last Updated: Sun, 12/21/2025

Course prefix: CIS

Course number: 1315

Section: A

CRN

21148

Instructor first name: Iretta

Instructor last name: Kearse

Semester: Spring

Academic year: 2026

Course description:

Introduction to computation (algorithmic thinking, data structures, data transformation and processing, and programming) in a media and communication context. CS 1315 is an introduction to computing concepts for students with no previous background in CS who are majoring in subjects other than CS or engineering. Students learn computing through the design of programs to manipulate media and multimedia objects such as digitized pictures, sounds, and web pages. Credit not awarded for both CS 4452 and CS 1315.

Academic honesty/integrity statement:

At Georgia Tech, academic integrity is a core value. In this course, we take the Academic Honor Code seriously, and we expect all students to uphold it.

What You Must NOT Do

- Do not share your assignments with other students, in any format (electronic, paper, etc.).
- Do not copy or allow others to copy your work. If your work is found in another student's submission, both parties may be charged with academic misconduct.
- Do not exchange code or write code for others, whether on paper, whiteboards, or computers.

What You CAN Do

Collaboration is encouraged when done appropriately.

- Discuss concepts and ideas.

- Talk through problems.
- Help debug code (without writing it for someone else).

You may collaborate only with:

- Fellow CS1301 students who are enrolled in the current semester.
- Course TAs and the instructor.

Important: Every programming assignment must be written entirely by you. Your submission must be your own original work. Reasonable collaboration should not result in similar code.

Consequences

Submissions that are not fundamentally unique will receive a zero and be referred to the Office of Student Integrity. If you're ever unsure about what's allowed, please ask your instructor or TA. We're here to help you succeed with integrity.

We strongly urge you to be familiar with these Georgia Tech sites:

- The Honor Code — <https://osi.gatech.edu/students/honor-code>
- Office of Student Integrity — <http://www.osi.gatech.edu/index.php>

Core IMPACTS statement(s) (if applicable):

This is a Core IMPACTS course that is part of the Institution area.

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 does my institution help me to navigate the world?

Completion of this course should enable students to meet the following Learning Outcome:

- Students will demonstrate the ability to think critically and solve problems related to academic priorities at their institution.

Course content, activities, and exercises in this course should help students develop the following Career-Ready Competencies:

- Critical Thinking
- Teamwork

· Time Management