

Syllabus for Human Centered Computing (HCC) 3

COURSE Information

Course Prefix and Number: CS 7455

Term: Spring 2027

Credit Hours: 3

Instructor: Rosa Arriaga

Course Description

CS 7455 provides an in-depth focus on theoretical, methodological, conceptual, and technical issues across the HCC disciplines; design; ethics; and analysis and evaluation. In this course, students prepare to take their qualifying exams, developing their research reading, discussing, writing, and presentation skills.

Learning Outcomes

By enrolling in this course, students will:

- Show mastery of theoretical, methodological, conceptual, and technical issues across HCC
- Describe how disciplines outside of computer science contribute to HCC
- Develop their Individual Reading List
- Practice reading, writing and presentation skills in preparation for the HCC Qualifying Exam
- Defend their research questions, methods, results and the implications that can be drawn from them

Required Course Materials

No textbooks or materials are required. Resources for research are determined in consultation with the instructor.

Grading Policy

The grade assignments will be as follow:

90% or > earns an A;

80%-89.999% earns a B;

70%-79.999% earns a C;

60%-69.999% earns a D;

59.999% or < earns an F

Attendance Policy

Attendance is mandatory, but students can excuse themselves by writing to the instructor at least 24 hours in advance with a complete explanation. Students will then work with the instructor to figure out how best to move forward. Each time there is failure to do so, students may risk losing up to 2% of their attendance grade.

Academic and Research 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. Review the [Student Code of Conduct Academic Honor Code Appendix A: Graduate Addendum to the Academic Honor Code](#)

Any student suspected of cheating or plagiarizing on a quiz, exam, or assignment will be reported to the Office of Student Integrity, who will investigate the incident and identify the appropriate penalty for violations.

Allegations of scientific or scholarly misconduct are handled in accordance with the procedures outlined by the [Policy for Responding to Allegations of Scientific or Other Scholarly Misconduct](#)

Core IMPACTS

Not applicable

Accommodations for Students with Disabilities

If you are a student with learning needs that require special accommodation, as soon as possible to make an appointment to discuss your special needs and to obtain an accommodations letter. Please also e-mail me as soon as possible in order to set up a time to discuss your learning needs [contact the Office of Disability Services](#)

Student-Faculty Expectations

At Georgia Tech, we believe that it is important to strive for an atmosphere of mutual respect, acknowledgement, and responsibility between faculty members and the student body. [The Student-Faculty Expectations](#) articulates some basic expectations that you can have of me and that I have of you.

Use of AI is NOT ALLOWED

Using generative AI tools will be considered an infraction of the Georgia Tech Honor Code subject to investigation by the Office of Student Integrity.