

Special Problems Course Syllabus

Course Information

Course Prefix and Number: CS8803

Credit Hours: 3

Instructor: Goel, Ashok

Course Description

An introduction to AI in learning and education as well as a review of current research in the field. Students will lead discussions of seminal papers on the topic. Laboratory assignments will expose students to several state-of-the-art AI tools.

Course Learning Outcomes

Familiarity with AI in education as a field of study. By the end of the course, students will be prepared to design their own AI tools for education as well as conduct research on the topic.

Required Course Materials

No textbooks or materials are required. The instructor will provide the reading materials.

Attendance Policy

We will expect students to attend classes and actively participate in the class discussions.

Grading Policy

Grades will be based on class attendance and participation, laboratory assignments, quizzes and examinations.

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](#) and the [Academic Honor Code](#), especially [Appendix A: Graduate Addendum to the Academic Honor Code](#).

Students are expected to perform research in an ethical and responsible manner. All Doctoral and Master's Thesis students are required to take the [Responsible Conduct of Research training](#), and it is expected that students abide by the principles taught in that training while performing research.

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](#).

Accommodations for Students with Disabilities

If you are a student with learning needs that require special accommodation, [contact the Office of Disability Services](#) 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.

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. In the end, simple respect for knowledge, hard work, and cordial interactions will help build the environment we seek. Therefore, I encourage you to remain committed to the ideals of Georgia Tech while in this class.