AE 8900 CAR Syllabus

Special Problems (Credits: 1–21)

Section CAR (CRN 28618)

Spring 2027

Instructor Information

Instructor: Christopher E. Carr

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General Course Information

Description

This course provides academic credit for independent studies under the direction of a faculty member. The scope and direction of the studies are determined by the student (or small group of students) in consultation with the course instructor.

Course Learning Outcomes

- Gain experience in performing independent studies on topics that are not taught in a formalized course setting.

Required Course Materials

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

Grading Policy

This course is graded on a letter grade basis.

Grading Breakdown

- The grade will be assigned based on agreed-upon objectives commensurate with the difficulty and scope of the project, the number of credit hours, and the technical proficiency of the student.

Grading Scale: A: 90–100% | B: 80–89% | C: 70–79% | D: 60–69% | F: 0–59%

Description of Graded Components

It is the joint responsibility of the instructor and the student to discuss expectations and how meeting or not meeting the expectations affects the final grade. The grading process will be clearly articulated to the student to allow reasonable prediction of progress towards the final grade throughout the semester.

Additional Criteria for Successful Completion

Students must earn a passing grade based on agreed-upon objectives and demonstrate satisfactory engagement in the independent study.

Course Policies

Attendance and Participation

This course does not include scheduled class meetings. The frequency and format of student–faculty contact are determined by mutual agreement and are consistent with the number of credit hours for which the student is enrolled.

Academic Integrity

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 Academic Honor Code and the Student Code of Conduct, 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 for this course.

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 Policy for Responding to Allegations of Scientific or Other Scholarly Misconduct.

Use of AI Tools

The student and instructor will agree together on how AI tools are used in this course, with appropriate handling of research data (including any sponsor, export-control, or privacy restrictions), in keeping with ethical research practice, and with disclosure of AI use as appropriate.

Core IMPACTS

Not applicable.

Accommodations for Students with Disabilities

If you are a student with learning needs that require special accommodation, contact the Office of Disability Services at (404) 894-2563 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 Agreement articulates some basic expectations that you can have of me and that I have of you. For research-based graduate courses, the Expectations of Advisors and Advisees provides additional guidance. 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.

Instructor Prerogatives

The instructor reserves the right to determine and adjust the content, structure, pedagogical approach, instructional methods, assessment strategies, and course materials for this course, consistent with the instructor's professional judgment and academic freedom, and in compliance with Georgia Institute of Technology and University System of Georgia policies and principles. This includes the right to modify these elements during the semester as needed to best achieve the stated course learning outcomes and to respond to the evolving needs of the discipline and students enrolled in the course.

AI Disclosure

AI tools were used to help prepare this syllabus. The instructor reviewed all content and is responsible for it.