

ME4699 Syllabus

Undergraduate Research, Section FA3, 3 credits

Fall 2026

Instructor Information

Instructor: Aldo A. Ferri

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General Course Information

Description

Undergraduate research conducted under the guidance of a faculty mentor.

Course Learning Outcomes

1. Students will learn background information on a research topic to prepare for in-depth study
2. Students will display knowledge of key facts and concepts
3. Students will be able to communicate research results using a variety of methods such as written reports, computer code, figures, graphs, and tables
4. Students will be able to understand the significance of their findings and be able to suggest new steps in the research study

Required Course Materials

none

Grading Policy:

Grades will be determined by weekly contributions and progress, and by the evaluation of deliverables submitted at the end of the term. The final course grades are awarded on a scale of A-F with no +/- grades permitted.

Course Policies

Attendance

Undergraduate research students will participate in research activities on a weekly basis commensurate with registered credit hours and as discussed with faculty research mentors.

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 [Georgia Tech's Honor Code](#) and the student [Code of Conduct](#).

Any student suspected of cheating or plagiarism 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.

Core IMPACTS

Not applicable

Additional Georgia Tech Required Policies

Accommodations for Students with Disabilities

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

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](#) articulate 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.

Optional Course Expectations, Policies, and Resources

Pre- &/or Co-Requisites

none

Collaboration, Group Work, and Use of Generative AI

Students are encouraged to seek out expertise to aid them in their research. Such aid should be disclosed to the faculty mentor. Generative AI (GenAI) and other tools have tremendous capability and are growing in performance and availability every day. Engineers are increasingly using GenAI tools in industry as well as research and development. GenAI, while powerful, does not always give correct answers. Thus, the use of GenAI, like the use of any other educational or research resource, must be done responsibly in order to meet the research and learning objectives.

Extensions, Late Assignments, & Re-Scheduled/Missed Exams

NA.

Campus Resources for Students

Undergraduate Student Academic Success Resources:

Academic Support: Academic Success and Advising (a unit in the Office of Undergraduate Education & Student Success) provides free support for your courses. Students can attend scheduled supplemental review (PLUS) sessions, stop by Drop-In Tutoring, or schedule a one-on-one appointment through Knack. To explore what options work best for you, please visit us online at success.gatech.edu/tutoring, email us at tutoring@gatech.edu, or come see us at Clough Undergraduate Learning Commons, Suite 283.

Student Well-Being:

As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, depression, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student's ability to participate in daily activities. GT offers services to assist you with addressing these and other concerns you may be experiencing. If you or someone you know is experiencing any of the issues noted above, consider utilizing the confidential mental health services available on campus. I encourage you to reach out to GT CARE (www.care.gatech.eduLinks to an external site., 404-894-3498) or the Counseling Center (www.counseling.gatech.eduLinks to an external site., 404-894-2575) for support. An on-

campus counselor or after-hours services are available to assist you. More resources on supporting student well-being on the syllabus and beyond are available through the [Learning Well Initiative](#).