

Georgia Institute of Technology
COE 2001 – Statics
Spring 2026– M W 8:25 AM - 9:15 AM
Campus

Text:

Engineering Mechanics: Statics, 9th Edition Meriam, Kraige, and Bolton, Wiley, 2018

Grades:

The first midterm accounts for 20%, the second midterm accounts for 25%, and the final exam accounts for 35%. Total Homework is 20%. Homework will be assigned every week. Students whose average falls between two grades may have their grades adjusted based on their **attendance** and **performance on homework problems**.

Course Content:

Lesson	Topic	Textbook Sections
1	Introduction	1/1,2,4-9; D/ 2,5
2	Scalars and Vectors	1/3 ; C/2,6,7
3	2D Force Systems	2/ 2,3,4
4	2D Force Systems	2/ 5,6
5	2D Equilibrium	3/ 1,2,3
6	2D Equilibrium	3/ 3
7	2D Equilibrium (continue)	3/ 3
8	3D Force Systems	2/ 7,8,9
9	3D Forces / 3D Equilibrium	3/ 4
10	3D Equilibrium	3/ 4
11	3D Equilibrium (continue)	3/ 4
12	2D Trusses	4/ 1,2,3
13	2D Trusses	4/ 3,4
14	2D Trusses (continue)	4/ 4
15	Frames and Machines	4/ 6
16	Frames and Machines	4/ 6
17	Centroids / Center of Mass	5/ 1,2,3
18	Composite Bodies	5/ 4
19	Area Moments of Inertia	A/ 1,2,3
20,21	Beams, Shear/Moment Diagrams	5/ 6,7
21	Beams, Shear/Moment Diagrams	5/ 6,7
22	Beams, Shear/Moment Diagrams	5/ 6,7
23,24	Friction	6/ 1,2,3

** This schedule is tentative and subject to change at my discretion **

Professor: Dr. **Selcuk Cimtalay**, Research Faculty of Aerospace Engineering

Office: Weber 314 D; **Phone:** (404) 894 2774; **Email:** cimtalay@gatech.edu

Georgia Tech School of Aerospace Engineering Values



Honesty: The School of Aerospace Engineering values honesty and integrity of all members of our community. An important element of this value is the academic honor code.

Georgia Tech Honor Challenge Statement: I commit to uphold the ideals of honor and integrity by refusing to betray the trust bestowed upon me as a member of the Georgia Tech community.

Honor Code: <http://policylibrary.gatech.edu/student-affairs/academic-honorcode#Article I:Honor Agreement>

Well-Being: The School of Aerospace Engineering values the complete well-being of all members of its community, which includes professional, physical, spiritual, emotional, and social dimensions. There are numerous resources to support the health and well-being of all members of our community:

<https://gatech.instructure.com/courses/108574>

Mental Health Resources:

Emergencies: You can either Call 911 or call Campus Police at 404.894.2500 <http://www.police.gatech.edu/>

Center for Assessment, Referral, & Ed. (CARE): <https://care.gatech.edu/> 404.894.3498 (Counselor On-Call)

Counseling Center: <https://counseling.gatech.edu/> 404.894.2575

Stamps Health Services: <https://health.gatech.edu/> 404.894.1420

Student Life and Dean of Students: <https://studentlife.gatech.edu/content/get-help-now>
404.894.6367

Victim-Survivor Support (VOICE): <https://healthinitiatives.gatech.edu/well-being/voice>404-
3854464/(or 4451)

National Suicide Prevention Lifeline: 1.800.273.TALK (8255)

Georgia Crisis and Access Line: 1.800.715.4225

Social Justice: The School of Aerospace Engineering values social justice for all members of the Georgia Tech community and the larger society. Social justice means that everyone's human rights are respected and protected. We stand committed in the fight against racism, discrimination, racial bias, and racial injustice. Our shared vision is one of social justice, opportunity, community, and equity.

We believe that the diversity and contributions from all of our members are essential and make us who we are. We believe that our impact must reach beyond the classroom, research labs, our campus, and the technology we create, but must also improve the human condition where injustice lives. We will continue to work to understand, value, and celebrate all people and create an inclusive educational and work environment that welcomes all.

As a matter of policy, Georgia Tech is committed to equal opportunity, a culture of inclusion, and an environment free from discrimination and harassment in its educational programs and employment. Georgia Tech prohibits discrimination, including discriminatory harassment, on the basis of race, ethnicity, ancestry, color, religion, sex (including pregnancy), sexual orientation, gender identity, national origin, age, disability, genetics, or veteran status in its programs, activities, employment, and admissions.

<http://policylibrary.gatech.edu/equal-opportunity-nondiscrimination-and-anti-harassment-policy>