

Graduate Seminar

EGM 6936 Section 1617

Class Periods: T, 5-6th periods, 11:45 am – 1:40 pm;
Th, 6th period, 12:50 pm – 1:40 pm;

Location: MAE-A 303

Academic Term: Spring 2026

Instructor:

Jonathan Scheffe

Email: jscheffe@ufl.edu

Office Phone: 352-392-0839

Office Hours: by appointment

Teaching Assistant/Peer Mentor/Supervised Teaching Student:

N/A

Course Description

Discussions and presentations in the fields of graduate study and research

Course Pre-Requisites / Co-Requisites

Graduate standing

Course Objectives

The course provides graduate students access to current research in Mechanical and Aerospace Engineering through invited speaker presentations.

Upon completion of this course, students will be able to demonstrate the following:

- Think critically about presented topics
- Provide insights about applications and future research directions, etc., of presented topics
- Recognize and demonstrate appropriate professional behavior

Materials and Supply Fees

N/A

Required Textbooks and Software

N/A

Recommended Materials

N/A

Required Computer

Recommended Computer Specifications: <https://it.ufl.edu/get-help/student-computer-recommendations/>

HWCOE Computer Requirements: <https://www.eng.ufl.edu/students/advising/fall-semester-checklist/computer-requirements/>

Course Schedule

MAE Department Seminars: Tuesdays and/or Thursdays 12:50 pm – 1:40 pm

[Tentative schedules]

- 1/13 (T) **Drop-Substrate Interactions: Sliding, Bouncing, and Vanishing in Thin Air - Dr. Chase T. Gabbard**
- 1/15 (Th) **Turbulence structure over surface waves: From experiments to multi-scale AI modeling - Kianoosh Yousefi**

- 1/20 (T) **From Mimicking Life to Extending It—The Rise of Super-Mobile Robots - Dr. Alireza Ramezani**
- 1/22 (Th) **MAE Seminar: Control, Customization, and Actuation: Key Elements Toward Real-world Deployment of Wearable Robot Systems - Dr. Ung Hee Lee**
- Additional MAE Department Seminars will be announced later.

Important Dates (Attendance is mandatory.)

January 13, 2026, 11:45 am – 12:35 am, MAE-A 303, Introduction (<15 minutes)

January 27, 2026, 11:45 am – 12:35 am, MAE-A 303, Degree requirement/Candidacy exam policy

March 3, 2026, 11:45 am – 12:35 am, MAE-A 303, Update

Attendance Policy, Class Expectations, and Make-Up Policy

Attendance and class policies

- Attendance at more than 12 MAE Department Seminars is required. Attendance will be recorded before each seminar; students should arrive on time and stay for the entire seminar. Students will not receive credit for the day's seminar if they arrive after 12:55 pm, and students who leave early will be reported to Student Conduct and Conflict Resolutions at the Dean of Students' Office for cheating.
- If you need to miss a class, please notify the instructor in advance and make appropriate arrangements.
- Excused absences must be consistent with university policies in the Graduate Catalog (<https://catalog.ufl.edu/graduate/regulations>) and require appropriate documentation. Additional information can be found here: <https://gradcatalog.ufl.edu/graduate/regulations/>

Class policies

- Cheating or any other form of academic dishonesty will result in failure and prosecution according to University policies.
- Students are expected to conduct themselves in a manner that does not interfere with other students' learning. Disruptive or distracting behavior is prohibited, and the instructor reserves the right to temporarily or permanently dismiss distracting students from the classroom.
- Students are responsible for all announcements, assignments, etc., made during lectures, including changes in the scheduling of lecture topics, homework assignments, and exams. Class absence is not a valid excuse for being unprepared.
- Any changes in the schedule or assignments will be communicated to the class via e-mail using student's Gatorlink (@ufl.edu) e-mail address and the course website. Students are responsible for monitoring their mailbox and the website regularly for any class notices.

Seminar-Evaluation Form Submission policies

- The Seminar-Evaluation Form must be submitted to the designated location (e.g., *Seminar 1*) in the UF e-learning system **by 12:49 pm on the day after the seminar. In general, late submission will not be accepted.**

Make-Up policies

- Up to four (4) make-up seminars from the MAE department are allowed. The seminar topics must be related to mechanical and aerospace engineering. Students **must** obtain approval for the make-up seminar topic from the instructor by email through the UF e-learning system **prior to the make-up seminar**. The email must include the following information:
 - (1) Title of the seminar/presentation
 - (2) Name of the speaker
 - (3) Hosting department/society (if applicable)
 - (4) Time and place of the seminar

After the make-up seminar, both the make-up seminar form (including a one-paragraph summary of the make-up seminar) and the seminar-evaluation form must be submitted to the designated location (e.g.,

Makeup Seminar 1) in the UF e-learning system. Failure to submit the make-up seminar form could result in a loss of points.

- The following activities can replace missed seminars:
 - Technical seminar hosted by the UF College of Engineering (<https://www.eng.ufl.edu/news-events/events-calendar/>)
 - Seminars offered by related disciplines, such as medicine or other physical sciences, hosted by any unit of UF. Note that non-technical seminars are not acceptable.

If a student is unsure whether a seminar is appropriate, they should ask the instructor **in advance**.

Evaluation of Grades

Assignment	Total Points	Percentage of Final Grade
Seminar-Evaluation Form (Make-up Seminar Form, as needed)	100	100%
		100%

Grading Policy

The following is given as an example only.

Percent	Grade	Grade Points
93.4 - 100	A	4.00
90.0 - 93.3	A-	3.67
86.7 - 89.9	B+	3.33
83.4 - 86.6	B	3.00
80.0 - 83.3	B-	2.67
76.7 - 79.9	C+	2.33
73.4 - 76.6	C	2.00
70.0 - 73.3	C-	1.67
66.7 - 69.9	D+	1.33
63.4 - 66.6	D	1.00
60.0 - 63.3	D-	0.67
0 - 59.9	E	0.00

Academic Policies & Resources

To support consistent and accessible communication of university-wide student resources, instructors must include this link to academic policies and campus resources: <https://go.ufl.edu/syllabuspolices>. Instructor-specific guidelines for courses must accommodate these policies.

Commitment to a Positive Learning Environment

The Herbert Wertheim College of Engineering values varied perspectives and lived experiences within our community and is committed to supporting the University's core values.

If you feel like your performance in class is being impacted by discrimination or harassment of any kind, please contact your instructor or any of the following:

- Your academic advisor or Graduate Coordinator
- HWCoe Human Resources, 352-392-0904, student-support-hr@eng.ufl.edu
- Pam Dickrell, Associate Dean of Student Affairs, 352-392-2177, pld@ufl.edu