



AME 550 – Seminar in Aerospace and Mechanical Engineering

Units: 1
Spring 2022 - Wed 3:30-4:50pm

Location: ZHS 252 and via Zoom.

Instructor: Iván Bermejo-Moreno

Office: N/A

Office Hours: TBA

Contact Info: bermejom@usc.edu

- Allow 48 hours during weekdays for email replies.
- Use your USC email account for email communications.

IT Help: <https://viterbigrad.usc.edu/technical-support/>

Course Description

This course is the seminar series of the Aerospace and Mechanical Engineering Department. Recent developments and research in aerospace and mechanical engineering and related fields are presented every week in a one-hour seminar by invited speakers from academia, industry, and research institutions. After a brief welcome and introduction to the audience of the invited speaker, the seminar is delivered (for about 50 min), followed by a Q&A session in which attendees can ask questions to the invited speaker.

Learning Objectives

- Map the state-of-the-art of research and development in AME disciplines through presentations by leading experts in the field.
- Identify best practices in the presentation and dissemination of scientific and technological advancements.

Prerequisite(s): N/A

Co-Requisite(s): N/A

Concurrent Enrollment: N/A

Recommended Preparation: N/A.

Course Logistics

- The course uses Blackboard online services (<https://blackboard.usc.edu/>).
- Zoom meeting links for virtual attendance to the seminars, and Zoom cloud recordings for asynchronous attendance to the seminars are posted on the Blackboard website under the “USC Zoom Pro Meetings” tab (and “Cloud recordings”).

Technological Proficiency and Hardware/Software Required

- For virtual attendance, proficiency in the use of the Zoom videoconference software is necessary. More information can be found at: <https://itservices.usc.edu/zoom/>

Recommended textbooks

N/A

Grading Breakdown

This course is pass/fail. Attendance (in-person or virtual through Zoom live broadcast or asynchronous viewing of the cloud recordings) to all the seminars in the series is required to receive the 1-unit credit.

Assignment Submission Policy

- N/A.

Additional Policies

- Students who require a laptop to attend the seminars remotely may check one out through the Laptop Loaner Program <https://itservices.usc.edu/spaces/laptoploaner/>

Course Schedule:

- Seminars are announced by email every week, including a title, abstract, and brief biographical sketch of the seminar speaker. This information is also posted on the AME Seminar webpage, which can be found at: <https://ame.usc.edu/seminars/>

Statement on Academic Conduct and Support Systems

Academic Conduct:

Plagiarism – presenting someone else’s ideas as your own, either verbatim or recast in your own words – is a serious academic offense with serious consequences. Please familiarize yourself with the discussion of plagiarism in *SCampus* in Part B, Section 11, “Behavior Violating University Standards” policy.usc.edu/scampus-part-b. Other forms of academic dishonesty are equally unacceptable. See additional information in *SCampus* and university policies on scientific misconduct, <http://policy.usc.edu/scientific-misconduct>.

Support Systems:

Student Counseling Services (SCS) – (213) 740-7711 – 24/7 on call

Free and confidential mental health treatment for students, including short-term psychotherapy, group counseling, stress fitness workshops, and crisis intervention. engemannshc.usc.edu/counseling

National Suicide Prevention Lifeline – 1 (800) 273-8255

Provides free and confidential emotional support to people in suicidal crisis or emotional distress 24 hours a day, 7 days a week. www.suicidepreventionlifeline.org

Relationship and Sexual Violence Prevention Services (RSVP) – (213) 740-4900 – 24/7 on call

Free and confidential therapy services, workshops, and training for situations related to gender-based harm. engemannshc.usc.edu/rsvp

Sexual Assault Resource Center

For more information about how to get help or help a survivor, rights, reporting options, and additional resources, visit the website: sarc.usc.edu

Office of Equity and Diversity (OED)/Title IX Compliance – (213) 740-5086

Works with faculty, staff, visitors, applicants, and students around issues of protected class. equity.usc.edu

Bias Assessment Response and Support

Incidents of bias, hate crimes and microaggressions need to be reported allowing for appropriate investigation and response. studentaffairs.usc.edu/bias-assessment-response-support

The Office of Disability Services and Programs

Provides certification for students with disabilities and helps arrange relevant accommodations. dsp.usc.edu

Student Support and Advocacy – (213) 821-4710

Assists students and families in resolving complex issues adversely affecting their success as a student EX: personal, financial, and academic. studentaffairs.usc.edu/ssa

Diversity at USC

Information on events, programs and training, the Diversity Task Force (including representatives for each school), chronology, participation, and various resources for students. diversity.usc.edu

USC Emergency Information

Provides safety and other updates, including ways in which instruction will be continued if an officially declared emergency makes travel to campus infeasible. emergency.usc.edu

USC Department of Public Safety – UPC: (213) 740-4321 – HSC: (323) 442-1000 – 24-hour emergency or to report a crime.

Provides overall safety to USC community. dps.usc.edu