

Aerospace Engineering and Mechanics - Assistant
Professor
University of Alabama

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Posted Sep. 26, 2024, set to expire Sep. 20, 2025

Job Title	Aerospace Engineering and Mechanics - Assistant Professor
Department	Aerospace Engineering and Mechanics https://aem.eng.ua.edu/
Institution	University of Alabama Tuscaloosa, Alabama
Date Posted	Sep. 26, 2024
Application Deadline	Open Until Filled
Position Start Date	Aug. 16, 2025
Job Categories	Assistant Professor
Academic Field(s)	Engineering Mechanics Aerospace/Aeronautical/Astronautics
Apply Online Here	https://careers.ua.edu/jobs/aerospace-engineering-and-mechanics-assistant-professor-524745-tuscaloosa-alabama-united-states

Apply By Email

Job Description

The Department of Aerospace Engineering and Mechanics (AEM) and the College of Engineering at The University of Alabama invite applications for multiple tenure-track and tenured faculty positions at all ranks, including Assistant, Associate, and Full Professor levels, within the department. Candidates applying to this particular posting should be intending to apply for a position at the rank of Assistant Professor. Applications from candidates with appropriate experience and a strong record of scholarly productivity and impact who would seek appointment at the rank of Associate or Full Professor are also encouraged to apply through related postings at those other positional levels. Candidates from under-

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represented groups in engineering are strongly encouraged to apply. Applicants should apply online at <https://careers.ua.edu/jobs/search/college-of-engineering>.

Candidates with research interests across all domains relevant to aerospace engineering and mechanics are encouraged to apply. Candidates with particular research emphasis and interests in the areas of space systems, space flight, space situational awareness, spacecraft guidance and control, space propulsion, hypersonic systems, hypersonic materials, and hypersonic modeling, rocket and missile propulsion, and durability, fatigue and fracture of materials are of particular interest for one or more of these positions and thus are strongly encouraged to apply.

The AEM department and College are looking to both: (1) add faculty who will build upon existing strengths in the Department, College, and University and (2) add faculty who will expand the scope of research here within the department, College, and UA as a whole. (<https://aem.eng.ua.edu/>).

The AEM department offers a B.S. in Aerospace Engineering undergraduate degree and has a sustained enrollment of more than 500 BSAE students, making it one of the largest aerospace engineering programs in the nation. The AEM department also has active MS and PhD programs in Aerospace Engineering and Mechanics, supporting both residential and distance education students, with a total sustained graduate enrollment of more than 150 students.

The Department of Aerospace Engineering and Mechanics and the College of Engineering consider teaching, research, and service as the three critical and complimentary portions of their overall mission. Candidates must demonstrate a clear potential to successfully develop, lead, and extramurally fund a highly productive research group with significant scholarly impact in a focus area with long term potential to further build upon the rapid rise and great success of the AEM department and the UA College of Engineering. An ability to collaborate with existing faculty in the key focus areas both within the AEM Department and the College of Engineering, as well as potential colleagues across the campus, is also highly desirable.

The College of Engineering and the Department of Aerospace Engineering and Mechanics also pride themselves on the outstanding educational experience provided to their students, and thus faculty candidates must demonstrate an ability to develop and teach classes at both the undergraduate and graduate level in the faculty member's area(s) of expertise as well as to teach courses that support the delivery and accreditation of the Department's core degree programs.

The department, college and university are also notable for the collegial, welcoming and supportive spirit built into the fabric of who we are and how we interact across our College family of students, faculty, and staff. It is therefore expected that candidates demonstrate an ability to support this

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important aspect of our community. The AEM department and College also pride themselves on the outstanding educational experience provided to their students, and thus faculty candidates must demonstrate an ability to develop and teach courses at both the undergraduate and graduate levels in the faculty member's area(s) of expertise as well as to teach courses that support the delivery and accreditation of the AEM department's core degree programs.

Appointments to the faculty of The University of Alabama are based on the personnel requirements of the University's academic programs and on the goal of achieving and maintaining excellence in its teaching, research, and service/academic citizenship activities.

Visit UA's employment website at careers.ua.edu for more information and to apply. Requisition will be posted until filled, with an expected start date of August 16, 2025. The University of Alabama is an equal-opportunity employer (EOE) including an EOE of protected vets and individuals with disabilities.

EEO/AA Policy

The University of Alabama is an Equal Employment/Equal Educational Opportunity Institution. All qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, sex, sexual orientation, gender identity, gender expression, age, genetic information, disability or protected veteran status and will not be discriminated against because of their protected status. Applicants to and employees of this institution are protected under Federal law from discrimination on several bases. Follow the link below to find out more. "EEO is the Law" [Overview | U.S. Equal Employment Opportunity Commission \(eoc.gov\)](#)

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact



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