

Assistant Professor of Mechanical Engineering (3
Positions)
The University of Texas at El Paso

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Posted Nov. 5, 2024, set to expire Mar. 7, 2025

Job Title Assistant Professor of Mechanical Engineering (3 Positions)
Department Aerospace and Mechanical Engineering
<https://www.utep.edu/engineering/mechanical/>
Institution The University of Texas at El Paso
El Paso, Texas

Date Posted Nov. 5, 2024

Application Deadline Open until filled
Position Start Date Aug. 1, 2025

Job Categories Assistant Professor
Associate Professor

Academic Field(s) Robotics
Mechatronics
Mechanical Engineering
Aerospace/Aeronautical/Astronautics
Engineering - Other

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**Job
Description**

The Department of Aerospace and Mechanical Engineering at The University of Texas at El Paso is pleased to invite applications for three tenure-track positions in aerospace engineering at the Assistant level starting Fall 2025. The department will consider applications in the general area of aerospace engineering such as energy, aircraft design, aerodynamics, and electric aircraft but applicants outside these areas are also encouraged to apply. In particular, we are interested in hiring faculty in emerging areas of autonomy, robotics, sustainable and renewable energy economy, advanced materials and manufacturing, and AI and generative AI in design processes.

REQUIRED QUALIFICATIONS: A Ph.D. in Mechanical Engineering, Aerospace Engineering, or a closely related discipline is required. Successful candidates will demonstrate a commitment to teaching and mentoring undergraduate and graduate students and the potential for developing an externally funded research program.

ABOUT THE DEPARTMENT OF AEROSPACE AND MECHANICAL ENGINEERING:

The Department of Aerospace and Mechanical Engineering offers an ABET-accredited B.S. degree in Aerospace Engineering and Mechanical Engineering, and M.S. and Ph.D. degrees in Mechanical Engineering. The Department of Aerospace and Mechanical Engineering also offers a Graduate Certificate in 3D Engineering and Additive Manufacturing and is currently developing a proposal to offer an M.S. degree and an undergraduate concentration in Aerospace and Defense Systems Engineering. The Department of Aerospace and Mechanical Engineering has over 1200 undergraduate students, and graduates typically 200 undergraduates a year, making it one of the top awardees of mechanical engineering bachelor's degrees in the country. The Aerospace and Mechanical Engineering Department's Graduate Program has over 130 graduate students, including 67 doctoral students; nearly all graduate students are full-time and research active. Both graduate and undergraduate programs see an approximate 7% growth rate annually. The Department of Aerospace and Mechanical Engineering has annual research expenditures in excess of \$18 million, making it one of the top-producing departments in the University from both research and educational impacts.

The Department of Aerospace and Mechanical Engineering (AME) partners with the Aerospace Center which operates several relevant research facilities. A 2500 sq. ft. Spacecraft Design and Engineering Facility, A 15 sq. mile Technology Research and Innovation Acceleration Park in Fabens, TX (35 miles from the UTEP main campus) dedicated to rocket engine testing, demonstration vehicle testing and integration, and autonomous vehicle testing with an adjacent non-towered airport. The Tornillo

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Unmanned Aerial Systems Flight Test Range with 3000 ft runway and 1/4 mi UAS track. The AME Department also partners with the W.M. Keck Center for 3D Innovation which is a world leader in the development and application of all major additive manufacturing processes. Additional information about the Department and College is available at <http://me.utep.edu> and <http://engineering.utep.edu>.

ABOUT UTEP & EL PASO: The University of Texas at El Paso is an R1 research university ranked among the nation's top-tier research universities, according to 2018 Carnegie Classification of Initiations of Higher Education. Located at the heart of the U.S.-Mexico border region committed to the ideals of access and excellence, UTEP enrolls more than 25,000 students – about 80 percent of them Hispanic – and is the only doctoral research university in the nation with a majority Hispanic-American student body.

RANK & SALARY: Rank and salary will be commensurate with qualifications and experience.

APPLICATION PROCEDURE: Review of applications will begin immediately and will continue until the position is filled. The anticipated appointment date is Fall 2025. Applicants must submit 1) a cover letter, 2) a detailed curriculum vitae, 3) names of at least three references, 4) a statement of teaching philosophy, and 5) a statement of research interests pertinent to the position.

To apply, please visit <http://utep.edu/employment>.

Hiring decisions are based on budget approval.

EEO/AA Policy

In keeping with its Access and Excellence mission, the University of Texas at El Paso is committed to an open, diverse, and inclusive learning and working environment that honors the talents, respects the differences, and nurtures the growth and development of all.

The University of Texas at El Paso is an Equal Opportunity/Affirmative Action employer. The University does not discriminate on the basis of race, color, national origin, sex, religion, age, disability, genetic information, veteran status, sexual orientation or gender identity in employment or the provision of services.

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Contact Information

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

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