

Assistant/Associate/ Full Professor
University of South Florida, Tampa

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Posted Oct. 16, 2024, set to expire Apr. 16, 2025

Job Title Assistant/Associate/ Full Professor
Department Mechanical Engineering
<http://me.eng.usf.edu>
Institution University of South Florida, Tampa
Tampa, Florida

Date Posted Oct. 16, 2024

Application Deadline Open Until Filled
Position Start Date Fall 2025

Job Categories Assistant Professor
Associate Professor
Professor

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

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**Job
Description**

Assistant Professor Job ID 37846

Associate Professor Job ID 37847

Professor Job ID 37848

Organization Summary:

The Department (<http://me.eng.usf.edu>) has 31 faculty members and offers B.S., M.S., and Ph.D. degrees in Mechanical Engineering and a minor in Aerospace Engineering. **We plan to offer B.S., M.S., and Ph.D. degrees in Aerospace Engineering in Fall 2025.** The Department faculty members collaborate with all departments in the College of Engineering and the Colleges of Medicine, Arts & Sciences, Marine Science, Education, Nursing, and Public Health. The Department also has strong ties with numerous USF centers, including the Nanotechnology Research and Education Center (<http://www.nrec.usf.edu>), Center for Urban Transportation Research (<https://www.cutr.usf.edu>), Center for Assistive Rehabilitation Robotics & Technologies (<http://carrt.eng.usf.edu>), Clean Energy Research Center (<http://cerc.eng.usf.edu>), H. Lee Moffitt Cancer Center, and Global Center for Hearing and Speech Research.

Established in 1964 and currently led by Interim Dean Dr. Sanjukta Bhanja, the College of Engineering at the University of South Florida is ranked #56 among public institutions (#85 overall) by [U.S. News & World Report's 2023-2024 engineering graduate school rankings](#). The college serves more than 7,500 students, offering 11 bachelor's programs, nine of which are ABET-accredited, as well as 13 master's and eight doctoral degrees. The college is actively engaged in local and global research activities, with \$46 million in research expenditures for the fiscal year 2023-2024. The college has 12 major research centers and institutes and is actively engaged in local and global research activities focused on sustainability, biomedical engineering, computing technology, and transportation.

The University of South Florida is a high-impact global research university dedicated to student success. Over the past ten years, no other public university in the country has risen faster in U.S. News and World Report's national university rankings than USF. Further, USF joined the American Association of Universities (AAU) in 2023. Serving more than 50,000 students on campuses in Tampa, St. Petersburg, and Sarasota-Manatee, the Florida Board of Governors designated USF as a Preeminent State Research University, placing it in the most elite category among the state's 12 public

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universities. USF has earned widespread national recognition for its success in graduating under-represented minority and limited-income students at rates equal to or higher than white and higher-income students. USF is a member of the American Athletic Conference. Learn more at www.usf.edu.

Position Summary:

The Department of Mechanical Engineering at the University of South Florida invites applications for the following:

1. **A tenure-track faculty position in Aerospace Engineering. Applicants with a background in aeronautics and space, particularly aero- and gas dynamics, aero- and space propulsion and combustion, flight mechanics, structures, urban air mobility, orbital mechanics, and aerospace materials, are especially encouraged to apply.**
2. **A tenure-track faculty position in Mechanical Engineering. Applicants with a background in renewable energy, advanced manufacturing, robotics, autonomous systems, or data/AI-driven design are especially encouraged to apply.**

Successful applicants may be hired at the Assistant Professor level and are expected to begin in Fall 2025. Candidates must have a Ph.D. in Aerospace or Mechanical Engineering or a closely related discipline from an accredited institution. Candidates should have demonstrated excellence in scholarly research and publications, the potential for sustaining an externally funded research program, and a strong commitment to teaching and mentoring undergraduate and graduate students. Exceptional applicants with a sustained record of externally funded research, outstanding scholarly work, and publications, demonstrated excellence in teaching, and international recognition of their work will be considered for the rank of Assistant Professor.

QUALIFICATIONS (Education & Experience):

Minimum Qualifications:

The position requires an earned doctorate degree in **Mechanical Engineering, Aerospace Engineering**, or a closely related field from an accredited institution. Must meet university criteria for appointment to the rank of Assistant Professor.

Preferred Qualifications:

The candidate should have demonstrated excellence in scholarly research and publications, the

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potential for sustaining an externally funded research program, and a strong commitment to teaching and mentoring undergraduate and graduate students.

Additional Information for Applicants:

An application package should include a cover letter, detailed curriculum vitae, and names of at least four professional references. The cover letter should indicate the applicant's interest in a specific rank and area of research. In addition, an application should include a statement (totaling no more than 5 pages) of the applicant's research plans and teaching interests. A description of broader impacts should be included in the research plan. Applications will be considered starting immediately until the positions are filled. Applicants must electronically submit the application packet as one PDF file.

How to Apply <https://www.usf.edu/work-at-usf/careers/index.aspx>

EEO/AA Policy

USF is an equal opportunity, equal access academic institution that embraces diversity in the workplace. The University of South Florida does not discriminate on the basis of age, disability, genetic information, national origin, pregnancy, race/color, religion, sex, sexual orientation, gender identity, or any other unlawful basis. Dual career couples with questions about opportunities are encouraged to contact the Department chair. To request disability accommodations in the application and interview process, please notify Khoa Dinh, the EOL Coordinator at (813) 974-9272 at least five working days in advance.

This job is subject to Foreign Influence Screening: During the 2021 Florida legislative session, [House Bill 7017 \("HB 7017"\)](#) was passed and later signed into law by Governor DeSantis. The new law modifies a variety of Florida Statutes to address concerns regarding improper foreign influence. With regard to employment at major research institutions like the University of South Florida, the new law requires thorough review of certain applicants for positions involving research.

Contact Information

Please reference Academickeys in your cover letter when

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applying for or inquiring about this job announcement.

Contact Celeste Crain
Mechanical Engineering
University of South Florida, Tampa
4202 E. Fowler Ave ENG 030
Tampa, FL 33620

Phone Number 813-974-5624

Contact E-mail cnc3@usf.edu