

Teaching Assistant Professor in Mechanical Engineering
(Appointment-Stream)
University of Pittsburgh

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Posted Jan. 22, 2025, set to expire May 26, 2025

Job Title Teaching Assistant Professor in Mechanical Engineering (Appointment-Stream)
Department Mechanical Engineering and Materials Science Department
<https://www.engineering.pitt.edu/mems>
Institution University of Pittsburgh
Pittsburgh, Pennsylvania

Date Posted Jan. 22, 2025

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Assistant Professor

Academic Field(s) Mechanical Engineering

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Job Description

The Department of Mechanical Engineering and Materials Science (MEMS) at the University of Pittsburgh (Pitt) is seeking an outstanding candidate to fill a full-time, appointment-stream faculty position at the assistant professor level with the principal duty of teaching Mechanical Engineering. The MEMS department offers an exceptional curriculum with courses emphasizing active learning, project-

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based learning, and other research-backed education practices. Together with the broader School of Engineering, we offer multi-disciplinary certificate programs in Sustainability, Data Analytics, Entrepreneurship, Simulation in Design, and Nuclear Engineering.

The candidate is expected to teach up to nine credit hours per term, or six courses per academic year, with the potential for summer teaching. The candidate should be able to teach core thermo-fluid sciences (thermodynamics, heat transfer, fluid mechanics) and a range of other courses in the department (e.g., statics, dynamics, controls, mechanical design, or measurements). Competency in teaching simulation and computation is an added benefit. Applicants must possess a PhD or equivalent degree in Mechanical Engineering or a related field. Applicants should have a dedication to teaching and be able to describe their teaching philosophy. Other responsibilities may include student advising and other administrative duties.

The position is for the academic year with an initial appointment of two years duration that is eligible for renewal. We are looking to hire at the assistant professor level, but applicants with outstanding teaching records at the associate professor and full professor levels are encouraged to apply. Appointment-stream faculty have opportunities for advancement within this track as well as professional development.

The MEMS Department currently has four appointment-stream faculty focused on teaching and education research as well as 33 tenured or tenure-track faculty who generate \$16 million in annual research expenditures. The School of Engineering offers technology-enhanced lecture rooms and an extensive Makerspace for use in courses and student projects. To learn more about the department, please visit our website at www.engineering.pitt.edu/mems/.

Qualified applicants should submit their applications through the [Pitt Talent Center](#) under requisition # 25000074. The application should include a cover letter, a curriculum vitae, a statement of teaching philosophy and experience, a statement describing experience with or interest in activities to enhance diversity, inclusion, and equity, and the names and contact information of at least three references. Review of applications will begin immediately and continue until the position is filled.

In line with the Swanson School of Engineering's values of inclusive excellence, we are committed to creating and maintaining a climate and culture that allows individuals to discover, belong, contribute, and grow while honoring the experiences, perspectives, and unique identities of all. This commitment is a fundamental value of the University and is crucial in helping us advance our mission, which includes attracting and retaining diverse workforces. The University of Pittsburgh is committed to championing all aspects of diversity, equity, inclusion, and accessibility within our community.

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EEO/AA Policy

The University of Pittsburgh is an Affirmative Action/Equal Opportunity Employer (EOE) and values equality of opportunity, humandignityand diversity. EOE, including disability/vets.

Contact Information

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

Contact Jessica Pendrick
Mechanical Engineering and Materials Science
Department
University of Pittsburgh
Pittsburgh, PA

Contact E-mail jlp301@pitt.edu