

## Part-Time Lecturer – Machine Design Tufts University

Direct Link: <https://www.AcademicKeys.com/r?job=257585>

Downloaded On: Aug. 5, 2025 8:58am

Posted Jun. 2, 2025, set to expire Dec. 31, 2025

<b>Job Title</b>	Part-Time Lecturer – Machine Design
<b>Department</b>	School of Engineering: Mechanical Engineering <a href="http://engineering.tufts.edu/me">http://engineering.tufts.edu/me</a>
<b>Institution</b>	Tufts University Medford, Massachusetts
<b>Date Posted</b>	Jun. 2, 2025
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Lecturer/Instructor
<b>Academic Field(s)</b>	Mechanical Engineering
<b>Job Website</b>	<a href="http://apply.interfolio.com/168202">http://apply.interfolio.com/168202</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

The Department of Mechanical Engineering at Tufts University invites applications for a part-time lecturer to teach ME 41: Engineering Design II, a junior-level, three-credit course offered in-person during the Fall 2025 semester.

This course focuses on machine applications, component analysis, load analysis, free body diagrams, analytical modeling, finite element analysis, failure modes, stress concentrations, failure theories, machine design component selection, applications, materials, and loading conditions. Responsibilities include delivering engaging lectures, developing assignments and assessments, facilitating two team-based projects, and supporting student learning through office hours and feedback.

The selected candidate will teach one of the scheduled course sections:

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- Tuesdays and Thursdays, 12:00-1:15 PM, or

- Tuesdays and Thursdays, 1:30-2:45 PM

The department, which is dedicated to growing its research base while maintaining excellence in teaching, has core disciplines in four areas: (1) Thermal Fluid Systems, (2) Material Mechanics and Processing, (3) Robotic, Aeronautic and Automated Systems, and (4) Product Design and Human Factors. Full description at <http://engineering.tufts.edu/me>.

Tufts School of Engineering (SOE) distinguishes itself by the interdisciplinary focus and integrative nature of its engineering education and research programs, within the intellectually rich environment of both a "Research I" university and a top-ranked undergraduate institution. Tufts offers the best of a liberal arts college atmosphere, coupled with the intellectual and technological resources of a major research university. Home to seven graduate and professional schools across three campuses, Tufts University prides itself on its culture of cross-school partnerships. Located on Tufts' Medford/Somerville campus, only six miles from historic downtown Boston, SOE faculty members have extensive opportunities for academic and industrial collaboration, as well as participation in the rich intellectual life of the region.

### **Qualifications**

We are looking for experienced engineers with strong teaching and communication skills who can bring the breadth of their experience to juniors in mechanical engineering. Graduate degree (M.Sc. at a minimum, Ph.D. preferred) or equivalent industry experience is required. We will give preference to engineers whose experience is directly related to machine design and who have previously demonstrated exceptional teaching skills

### **Application Instructions**

We request that each applicant submit a CV and cover letter explaining their interest in the position. We will begin the review of documents on June 16, 2025, and will continue until the position is filled. Questions about the position should be sent to [meinfo@tufts.edu](mailto:meinfo@tufts.edu).

### **EEO/AA Policy**

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Tufts University, founded in 1852, prioritizes quality teaching, highly competitive basic and applied research, and a commitment to active citizenship locally, regionally, and globally. Tufts University has also committed to becoming an anti-racist institution and prides itself on the continuous improvement of diversity, equity and inclusion work. Current and prospective employees of the university are expected to have and continuously develop skill in, and disposition for, positively engaging with a diverse population of faculty, staff, and students. Tufts University is an Equal Opportunity/Affirmative Action Employer. See the University's Non-Discrimination statement and policy here <https://oeo.tufts.edu/policies-procedures/non-discrimination/>. If you are an applicant with a disability who is unable to use our online tools to search and apply for jobs, please contact us by calling the Office of Equal Opportunity (OEO) at 617-627-3298 or at [oeo@tufts.edu](mailto:oeo@tufts.edu). Applicants can learn more about requesting reasonable accommodations at <https://oeo.tufts.edu/>

### Contact Information

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

### Contact

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