

Part-Time Lecturer – Computer Aided Design Tufts University

Direct Link: <https://www.AcademicKeys.com/r?job=257584>

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

Job Title	Part-Time Lecturer – Computer Aided Design
Department	School of Engineering: Mechanical Engineering http://engineering.tufts.edu/me
Institution	Tufts University Medford, Massachusetts
Date Posted	Jun. 2, 2025
Application Deadline	Open until filled
Position Start Date	Spring 2026
Job Categories	Lecturer/Instructor
Academic Field(s)	Mechanical Engineering
Job Website	https://apply.interfolio.com/168204
Apply By Email	
Job Description	

The Department of Mechanical Engineering at Tufts University invites applications for a part-time lecturer to teach ES19: Computer Aided Product Design, an undergraduate level, three-credit course offered in-person during the Spring 2026 semester.

This course focuses on 3D Computer Aided Design (CAD) software with emphasis on the fundamentals of engineering design. Topics include mechanical parts, assemblies, product design, reading and creating engineering drawings, and dimensioning. Experiences are tailored to mechanical engineering and human factors engineering applications.

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Responsibilities include delivering engaging lectures, developing assignments and assessments, and supporting student learning through office hours and feedback. The course will have two 75-minutes sessions per week.

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 teach undergraduates in engineering and related disciplines. Experience with SolidWorks required. A successful candidate will have substantial engineering experience in industry and/or demonstrated teaching experience. A graduate degree in engineering is preferred. We will give preference to engineers whose experience complements that of the department faculty.

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 July 1, 2025, and will continue until the position is filled. Questions about the position should be sent to meinfo@tufts.edu.

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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. 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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