

Visiting Faculty Lecturer - Mechanical & Industrial
Engineering
University of Massachusetts, Lowell

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Posted Apr. 11, 2025, set to expire Aug. 13, 2025

Job Title	Visiting Faculty Lecturer - Mechanical & Industrial Engineering
Department	Mechanical & Industrial Engineering
Institution	University of Massachusetts, Lowell Lowell, Massachusetts
Date Posted	Apr. 11, 2025
Application Deadline	Open until filled
Position Start Date	Fall 2025
Job Categories	Lecturer/Instructor
Academic Field(s)	Mechanical Engineering Industrial & Systems Engineering Engineering Mechanics
Apply Online Here	https://careers.pageuppeople.com/822/lowell/en-us/job/526929/visiting-faculty-lecturer-mechanical-industrial-engineering
Apply By Email	
Job Description	

The Francis College of Engineering invites applications for an outstanding candidate for a Visiting Professor in the Mechanical & Industrial Engineering department. This position emphasizes teaching and pedagogy, while also providing opportunities to pursue research. **The appointment is scheduled to begin Fall Semester 2025.**

Candidates with experience in engineering education and design of effective and inclusive pedagogical approaches will be given strong consideration. We value excellence and innovation in curriculum

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design and courses that promote experiential learning and professional skills for our students. The successful applicant will have opportunities to collaborate in teaching with faculty across our six departments.

This position entails teaching four course load equivalents for each of fall and spring semesters. There are no service expectations associated with this position.

The successful candidates will be expected to assist in teaching a range of undergraduate and graduate classes that may include: Intro to Engineering Design, Statics, Strength of Materials, Dynamics, Computer Aided Design, Materials Science for Engineers, Manufacturing Laboratory, Thermodynamics, Fluid Mechanics, Kinematics of Mechanisms, Math Methods, Instrumentation and Measurement Laboratory, Control of Mechanical Systems, Heat Transfer, Applied Strength of Materials, Thermo-Fluid Applications, Thermal Fluids Lab, Dynamic Systems, Design of Machine Elements, Design Theory and Constraints, Capstone Design, Thermo-Fluid Systems Design, and other technical electives.

The University of Massachusetts Lowell is committed to increasing diversity in its faculty, staff, and student populations, as well as in curriculum and support programs, while promoting an inclusive and nurturing environment. We seek candidates who can contribute to this goal and encourage candidates to apply and to identify their strengths in these areas.

The college includes 120 faculty members, over 30% of whom are women, and has just under 3,000 undergraduate and over 1,000 graduate students. The University serves the multicultural population of the Commonwealth and has been nationally recognized for its commitment to diversity by the American Society for Engineering Education. The University is also a Minority Serving Institution (MSI). UMass Lowell is an R1 university ranked in the top tier of US News' National Universities and is strategically located 30 miles northwest of Boston in the northeast Massachusetts high-tech region.

The campus is situated on the banks of the Merrimack River, a beautiful and culturally diverse area and the birthplace of America's industrial revolution. Cotton mills in Lowell, the only city to be awarded national park status by the U.S. National Park Service, opened in 1814, and the city has been a hub of invention and innovation ever since. UML continues that legacy of innovation throughout the campus. Lowell is 30 miles northwest of Boston and the region offers unsurpassed enrichment, including fine arts, dining, historical sites, and sports! Just north of Lowell, the grandeur of New Hampshire's White Mountains unfolds not far from the storied ski lodges of Vermont.

Minimum Qualifications (Required):

- Applicant must currently have a doctoral degree in Mechanical Engineering, Industrial

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Engineering, or a closely related discipline

Additional Considerations:

- Dedication to teaching undergraduate and graduate levels
- The ability to work effectively with diverse groups of students and faculty
- Candidates with experience in engineering education and the design of effective and inclusive pedagogical approaches will be given strong consideration.

Preferred Qualifications:

- Strong commitment to education and student engagement
- Teaching or research experience
- Ability to teach the following courses: IENG.2100 Engineering Design & Manufacturing, MECH.3610 Math Methods for Mechanical Engineers, MECH 4030 Thermal Fluids Laboratory, and design-related courses

Special Instructions to Applicants:

Review of applications will begin immediately and continue until the position is filled. However, the position may close when an adequate number of qualified applications is received.

Please include the following documents with your application:

- Curriculum Vitae
- Cover letter
- Teaching Statement/Philosophy
- Names and contact information of three references will be required during the application process.

EEO/AA Policy

The University of Massachusetts Lowell welcomes all qualified applicants and complies with all state and federal anti-discrimination laws.

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Contact Information

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

Contact

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