

**Assistant Teaching Professor in Biomedical Engineering
University of Massachusetts Lowell**

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Posted Dec. 11, 2025, set to expire Apr. 25, 2026

Job Title	Assistant Teaching Professor in Biomedical Engineering
Department	Biomedical Engineering
Institution	University of Massachusetts Lowell Lowell, Massachusetts
Date Posted	Dec. 11, 2025
Application Deadline	Open until filled
Position Start Date	September 2026
Job Categories	Assistant Professor Lecturer/Instructor
Academic Field(s)	Biomedical Engineering & Bioengineering
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Job Description

The Francis College of Engineering (FCOE) at the University of Massachusetts Lowell (UMass Lowell) invites applications from exceptional candidates for a full-time Assistant Teaching Professor position in the Biomedical Engineering Department. The role is expected to start in September 2026. Teaching Professors play a vital role in developing and delivering curriculum within the FCOE and are actively involved in departmental, college, and university activities. Assistant Teaching Professors enjoy full faculty privileges and undergo an assessment for promotion to Associate Teaching Professor (with equivalent to tenure).

The successful candidate will join the department and college faculty and will be responsible for

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teaching undergraduate and/or graduate courses, engaging in curriculum development, contributing to professional activities, and participating in relevant departmental and university service, including outreach. Teaching faculty play a crucial role in promoting the department's educational mission, engaging students in experiential learning, and fostering a diverse and inclusive academic community.

UMass Lowell's Department of Biomedical Engineering trains students to turn discoveries into real-world impact in the medical device and biotechnology industries through an ABET-accredited B.S. program—Massachusetts' first at a public university—with specialized tracks in medical device development, cell and tissue engineering, and biomechanics. Students can accelerate their education with a 4+1 B.S.-to-M.S. option and pursue advanced studies through the intercampus Biomedical Engineering and Biotechnology (BMEBT) M.S./Ph.D. or the Ph.D. in Biomedical Engineering, all enhanced by hands-on research in state-of-the-art labs and core research facilities. Our collaborative discipline-specific and education-based research is supported by NSF, NIH, DoD, and industry, fostering a culture of innovative education and scholarship.

UMass Lowell is a nationally recognized public research university that is rapidly growing. The WSJ ranks UMass Lowell as the top public university in Massachusetts and the best in the state for both "Best Value" and social mobility. We are a Carnegie R1 research university, and our students benefit from the UML Guarantee—every first-time, first-year student can participate in at least one paid, credit-bearing, or career-connected experience. Our inclusive campus has received the HEED Award six times, and UMass Lowell is the Commonwealth's only AASHE STARS Platinum institution—one of just a few worldwide. In addition to strong graduate outcomes, 95% of graduates find their next step within months. These awards reflect a culture that combines research excellence with a focus on student success.

Within the FCOE, faculty are part of an ABET-accredited, industry-engaged community that includes biomedical, chemical, civil, environmental, electrical, plastics, mechanical, and computer engineering. Our college has more than 3,000 undergraduate and graduate students, with 20 percent identifying as female and 25 percent as underrepresented minorities in engineering. Collaboration is central to our research environment: the NERVE Center advances robotics and human–robot interaction; the Fabric Discovery Center links advanced textiles to health and defense; the Raytheon–UMass Lowell Research Institute (RURI) and Printed Electronics Research Collaborative (PERC) drive the development of next-generation electronics; and our campus-wide Core Research Facilities provide open access to over 100 instruments and expert staff. Hands-on spaces like the Lin MakerSpace and entrepreneurship programs such as DifferenceMaker foster discovery and real-world impact. At its core, we are a university dedicated to student success and growth.

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Minimum Qualifications (Required):

- Doctoral degree in Biomedical Engineering or a closely related discipline earned by the start of the appointment.
- Ability to teach a range of undergraduate courses in biomedical engineering, including Bioinstrumentation, Bioinstrumentation Lab, Quantitative Physiology, Quantitative Physiology Lab, and Capstone.
- Collaborative nature and ability to work effectively with diverse groups.
- Excellent interpersonal and communication skills, both oral and written.

Preferred Qualifications:

- Candidates with experience in engineering education and designing effective, inclusive pedagogical approaches will be given strong consideration.

Special Instructions to Applicants:

This is a benefited, Massachusetts Society of Professors/MTA/NEA union position. Anticipated salary range of \$75,000 - \$110,000 based on Asst. Prof. rank and qualifications.

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 required documents with your application:

- Curriculum vitae
- Cover letter
- Statement of teaching interests and philosophy
- Inclusivity statement
- Evidence of teaching effectiveness, including teaching evaluations, if available (uploaded as a single file).
- Names and contact information for three professional references will be required at the time of application (please do not send recommendation letters).

Optional Documents:

- Statement of service activities and interests (optional)

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EEO/AA Policy

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

Contact Information

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

Contact

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