

Tenure-Track Assistant Professor - Electrical and
Computer Engineering
University of Massachusetts Lowell

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Posted Dec. 3, 2025, set to expire Apr. 17, 2026

Job Title	Tenure-Track Assistant Professor - Electrical and Computer Engineering
Department	Electrical and Computer Engineering
Institution	University of Massachusetts Lowell Lowell, Massachusetts
Date Posted	Dec. 3, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Electrical and/or Electronics Computer Engineering Material/Metallurgy
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Job Description

The Francis College of Engineering (FCOE) at the University of Massachusetts Lowell (UMass Lowell) is searching for outstanding candidates for a full-time tenure-track Assistant Professor position in Electrical and Computer Engineering. Those candidates with research in the field of microelectronics are particularly encouraged to apply.

The successful candidate should aim to establish an externally funded and internationally recognized research program, teach at both undergraduate and graduate levels, and contribute to the

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department's mission through service and the promotion of inclusive excellence. Our faculty are teacher-scholars who integrate their teaching, mentoring, and research to create dynamic learning environments for our students.

The FCOE's Department of Electrical and Computer Engineering (ECE) advances discovery in photonics, power systems, embedded AI, and networking, offering students and faculty a vibrant, interdisciplinary environment for impactful work. Our department includes 30 faculty members, 660 undergraduate students, and 200 graduate students. Our ABET-accredited B.S. programs in Electrical Engineering and Computer Engineering are supplemented by accelerated B.S.–M.S. pathways, standalone M.S. degrees in EE and CpE, and Ph.D. programs. Research is funded by agencies such as the NSF, AFOSR, DARPA, and ONR, and through partnerships with industry leaders including Raytheon and Intel, creating opportunities for project development and industry engagement.?

UMass Lowell is a nationally recognized public research university experiencing rapid growth. The WSJ ranks UMass Lowell as Massachusetts' top public university 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 only a few worldwide. Along with 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 over 3,000 undergraduate and graduate students, with 20 percent identifying as female and 25 percent as underrepresented minorities in engineering. Collaboration is at the heart of 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) promote the development of next-generation electronics; and our campus-wide Core Research Facilities offer open access to more than 100 instruments and expert staff—hands-on spaces like the Lin MakerSpace and entrepreneurship programs like DifferenceMaker foster discovery and real-world impact. At our core, we are a university committed to student success and development.

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Minimum Qualifications (Required):

- Ph.D. in Electrical Engineering, Computer Engineering, Physics, Materials Science, or a closely related discipline by the time of appointment.
- Evidence of potential for scholarly excellence and a sustainable, externally funded research agenda in all areas of microelectronics. Candidates with expertise in semiconductor materials and devices for power and RF electronics, advanced packaging and heterogeneous integration, integrated circuits and systems for power electronics, radiation-hardened and harsh-environment electronics, and/or AI-driven design and control for microelectronic materials and systems are especially encouraged to apply.
- Demonstrated commitment and potential for excellence in teaching and mentoring?at the undergraduate and graduate levels.
- The ability to work effectively with diverse groups of students, faculty, and staff.
- Excellent interpersonal and communication skills, both oral and written.

Preferred Qualifications:

- Postdoctoral or relevant industry experience in microelectronics, device design, or circuit integration.
- Experience or eligibility to work on DoD-funded or export-controlled research projects.
- Record of successful teaching experience at the college level.
- Evidence of a strong commitment to internal and external service.

Special Instructions to Applicants:

This is a full-time, benefited Massachusetts Society of Professors/MTA/NEA union position. Anticipated salary range of \$75,000 - \$127,000 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:

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- Curriculum vitae
- Cover letter
- Statement of research experience, accomplishments and interests (maximum of five pages)
- Statement of teaching interests and philosophy (maximum of two pages)
- Inclusivity statement (one page)
- Up to three representative publications (uploaded as a single file)
- Names and contact information of three references will be required during the application process (please do not send recommendation letters).

Optional Documents:

- Statement of service activities and interests (optional)

All materials must be submitted electronically through the UMass Lowell employment portal.

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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