

Assistant/Associate Professor - Electrical and Computer
Engineering (Tenure Track)
University of Massachusetts, Dartmouth

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Posted Oct. 31, 2025, set to expire Mar. 15, 2026

Job Title	Assistant/Associate Professor - Electrical and Computer Engineering (Tenure Track)
Department	Electrical and Computer Engineering (ECE) department
Institution	University of Massachusetts, Dartmouth Dartmouth, Massachusetts
Date Posted	Oct. 31, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Associate Professor Assistant Professor
Academic Field(s)	Electrical and/or Electronics Computer Engineering Computer Science
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Job Description	

The Electrical and Computer Engineering (ECE) department at the University of Massachusetts Dartmouth proposes to hire a tenure-track Computer Engineering (CPE) faculty member at the assistant or associate professor level with specializations including but not limited to edge devices and edge AI, agentic AI, quantum AI, AI/ML for security and resilience, and security and resilience of AI/ML architecture/algorithms in applications including cyber-physical systems, Internet of Things (IoT), and

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human-centered computing and assistive technologies. The preferred candidate's interdisciplinary research focus will be in an area such as smart cities, healthcare, robotics and automation, aerospace and unmanned systems, biomedical applications, and transportation systems. Applicants with research interests in marine-oriented embedded systems are also encouraged to apply to support the campus and regional focus on the blue economy. The preferred candidate would have relevant research/dissertation experience that complements one or more of these areas.

The successful candidate should be engaged in scholarly work that is of very high quality as evidenced by external peer review. Candidates must demonstrate the ability to build an externally funded research program that involves undergraduate and graduate students and to develop partnerships with industrial partners. Candidates should also be able to teach undergraduate and graduate level courses and support and expand curricular development in Computer Engineering. The successful candidate will demonstrate excellence in teaching, effective communication, and interpersonal skills and must have the ability to work effectively with students, staff, and faculty from diverse ethnic, cultural, and socioeconomic backgrounds. Junior faculty are also encouraged to perform service activities at all levels of the University.

Minimum qualifications:

An earned doctorate in Computer Engineering, Computer Science, Electrical Engineering, or a closely related field from an accredited institution or international equivalent is required for appointment. Candidates nearing completion of the doctorate (ABD) will be considered but must provide proof that the doctorate was awarded before the start of the appointment.

The University of Massachusetts Dartmouth (UMassD) is located in the beautiful ocean side community of Dartmouth, about an hour south of Boston, a half-hour east of Providence, and a half-hour west of Cape Cod. It offers a world-class education to more than 7,500 undergraduate and graduate students each year in nearly 60 undergraduate and 50 graduate (MS & PhD) programs offered by the College of Engineering, College of Nursing, Charlton College of Business, College of Arts and Sciences, College of Visual and Performing Arts, School of Law and School for Marine Science and Technology. UMassD has transformed the lives of more than 50,000 alumni and distinguishes itself as a vibrant, public research university dedicated to engaged learning and innovative research. UMassD is the only Massachusetts national research university south of Boston and serves as a catalyst for the development of marine science and technology industries along the south coast of Massachusetts.

The University of Massachusetts Dartmouth welcomes all qualified applicants and complies with all state and federal anti-discrimination laws. UMass Dartmouth reserves the right to conduct background

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checks on potential employees.

Contact Information

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

Contact

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