

Tenure-track Electrical Engineering Position University of Minnesota, Duluth

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Posted Sep. 20, 2024, set to expire Jan. 22, 2025

Job Title	Tenure-track Electrical Engineering Position
Department	Electrical Engineering https://scse.d.umn.edu/departments-and-programs/electrical-engineering-department
Institution	University of Minnesota, Duluth Duluth, Minnesota
Date Posted	Sep. 20, 2024
Application Deadline	Open until filled
Position Start Date	Aug. 18, 2025
Job Categories	Assistant Professor
Academic Field(s)	Mechatronics Energy Technology Electrical and/or Electronics Engineering - Other
Job Website	https://z.umn.edu/scsecareers
Apply Online Here	https://hr.myu.umn.edu/jobs/ext/364279
Apply By Email	
Job Description	

The [Department of Electrical Engineering](#) in the Swenson College of Science and Engineering at the University of Minnesota Duluth (UMD) invites applications for a tenure-track Assistant Professor position that will begin on August 18, 2025. This is a full-time, 9-month position. Our Department is invested in supporting research scholars, and the successful candidate will establish a robust,

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independent, and externally funded research program, which includes mentorship and advising of undergraduates and graduate students. The area of research specialization for this position is broad; however, the successful candidate will have teaching responsibilities in undergraduate and graduate lecture and laboratory courses in the general areas of power and energy, and specifically encourage applications from marine energy and power scholars. Additionally, our Department is interested in supporting research scholars whose research contributes to diversity, inclusion, equity, and a commitment to justice. Service to the Department, College, and University is also expected. Candidates must complete a PhD in electrical engineering, or a closely related field by the start date of the appointment. Preferred candidates will have two or more years of engineering-related industrial or teaching experience as well as a strong interest in assisting with our senior design capstone course in their area of expertise. Please see <https://z.umn.edu/scsecareers> for more information.

The Department of Electrical Engineering is committed to providing an engaging learning environment for its students. Our students graduate with a rich hands-on laboratory experience along with a solid foundation in theory. All students have an opportunity to work closely with our faculty on a wide range of multidisciplinary design and research topics to solve real life engineering problems. We also provide students with the skills to become life-long contributors to their profession and community. The Bachelor of Science in Electrical Engineering (BSEE) is accredited by the Engineering Accreditation Commission of ABET (www.abet.org). The Master of Science degree, a two-year program in Electrical Engineering provides a firm foundation in research and applications in Electrical Engineering. In addition to the Bachelor of Science and Master of Science in Electrical Engineering, the Department is home to minors in Electrical Engineering, Computer Engineering, and Energy Engineering. Department faculty have the opportunity to affiliate with other MS and PhD programs such as the Water Resources Science and the Advanced Materials Science programs. Opportunities exist for collaboration with faculty across campus, as well as scientists and engineers at the [Large Lakes Observatory](#), the [Natural Resources Research Institute](#), the [Institute on the Environment](#), and various local, state, and federal agencies.

The University of Minnesota Duluth values of justice, equity, diversity, and inclusion are essential to achieving excellence. We are especially interested in recruiting and retaining a diverse faculty to maintain the excellence of the Department, College, and University, and to offer students interdisciplinary perspectives and varied ways of knowing and learning. We strongly encourage scholars who are women, Indigenous, LGBTQIA+, Black, Latin American, Asian American, Hawaiian/Island Pacific, or mixed race, and scholars with disabilities to apply. We favor candidates who can contribute to the College's distinctive educational objectives, which promote intercultural understanding with social responsibility and the ethical implications of knowledge and action.

We recognize that excellence in teaching and research form the basis for any successful candidate. To

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that end, we are implementing an anonymized search process. **See <https://z.umn.edu/scsecareers> for a description of the application steps. Applications must include four documents: an anonymized research and teaching statement that is understandable to a non-specialist (recommended 2000 words/5 pages max); a statement that demonstrates a commitment to justice, equity, inclusion, and a diverse student population (1000 words/2 pages max); a curriculum vita; and a list of four professional references. Please refer to [the Electrical Engineering-specific application screening rubrics](#). Go to the [University of Minnesota Job Site](#) and search for Job ID 364279. For full consideration, applications should be received by October 4, 2024. Please direct initial questions about these positions to the search committee to Dr. Imran Hayee (ihayee@d.umn.edu), Head of the Electrical Engineering Department.**

The University of Minnesota Duluth campus is the second largest research university within the University of Minnesota public university system. UMD is a comprehensive university of about 9,000 students located along the shores of Lake Superior. Duluth is the largest city in northern Minnesota and is part of the Twin Ports metropolitan area (Duluth, MN and Superior, WI). The Twin Ports area hosts four colleges/universities, two major hospitals, many retail and manufacturing companies, and the largest commercial port on the Great Lakes. Duluth has vibrant music, theater, and arts scenes, and a steadily increasing number of craft breweries and award-winning restaurants. Duluth offers affordable housing, an absence of appreciable traffic, and mixes its historic feel with a dynamic urban economy and many cultural offerings. Named by Outdoor Magazine as one of America's Best Outdoors Towns, Duluth provides access to hundreds of miles of biking, hiking, and skiing trails and abundant opportunities for fishing, kayaking, and sailing.

UMD is committed to supporting our colleagues. The University of Minnesota has a robust policy with respect to opportunity hires for partners. Parental leaves and on-campus childcare are available. The Swenson College of Science and Engineering has a mentoring program to facilitate professional success. [Swenson College Howard Higholt Professorships](#) are also available to support outstanding faculty who are committed to creating a more inclusive and equitable institution; please follow the application instructions to apply for the Howard Higholt Professorship.

Contact Information

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

Contact Dr. Imran Hayee

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