Michigan Technological University, Houghton, MI

Tenure-Track Assistant Professor--Electrical Engineering Technology, School of Technology

Michigan Technological University, a nationally recognized leader in science, computing, and engineering education and research, invites applications in the area of Controls and Industrial Automation for a tenure-track faculty position at the Assistant Professor level in the ETAC-ABET-accredited Electrical Engineering Technology program within the School of Technology starting August 2019.

Our goal is to attract creative world-class faculty to enrich the educational and research experience of our bright, motivated, and adventurous students.

Michigan Tech is building a culturally diverse and pluralistic faculty committed to teaching and working in a multicultural environment where differences are valued and respected. Women, people from all races/ethnicities, differently-abled individuals, and veterans, as well as multicultural and intersectional individuals, are encouraged to apply.

Responsibilities
The successful candidate will collaboratively develop and teach undergraduate/graduate classes and laboratories, create innovative instructional materials and laboratory experiences, develop external funding for applied research and projects with industry, establish and sustain a record of scholarly achievement, contribute to program assessment and accreditation activities, and engage with student advising and other departmental service. Opportunities for research collaboration are prevalent across the University.

Qualifications
The successful applicant must have: (1) a PhD degree in electrical, computer, or a closely-related engineering or engineering technology field from an accredited institution; (2) strong oral and written communication, computer, and presentation skills; (3) effective and engaging teaching skills; and (4) a passion to conduct applied research, publish with students, and develop partnerships with industry/other. The successful applicant should be able to draw from relevant industrial experiences and be able to teach a variety of electrical engineering technology courses in the area of controls, robotics, and industrial automation. Additionally, versatility and technical expertise to teach fundamental courses such as digital electronics, electronic devices, and electrical/electronics principles and circuits is desired.

Application Information
Review of applications will begin immediately and continue until the position is filled. Interested individuals should submit:
• cover letter indicating interest in the Electrical Engineering Technology faculty position, available start date, and a description of experience for the qualifications listed above;
• detailed resume/CV;
• teaching philosophy statement;
• research statement; and
• discussion of past efforts in diversity and inclusion and future plans to educate and include every student, regardless of background.

Applicants will also be asked for contact information for three current references.
Further Information
Information about the School of Technology, along with the curriculum and course descriptions, can be found online at:  http://www.tech.mtu.edu/. Questions can be directed to Nasser Alaraje at alaraje@mtu.edu.

Applications may be submitted online at: https://www.jobs.mtu.edu/postings/7395

Michigan Tech is an internationally renowned doctoral research university located in Houghton, Michigan, in the scenic Upper Peninsula on the south shore of Lake Superior. The area provides a unique setting where natural beauty, culture, education, and a diversity of residents from around the world come together to share a superb living and learning experience.

Michigan Tech is an ADVANCE Institution receiving two National Science Foundation grants to increase the participation and advancement of women and underrepresented/underserved individuals in STEM.

Candidates are invited to bring a guest to an on-campus interview; additional details on dual career explorations in our Partner Engagement Program can be found here: http://www.mtu.edu/provost/programs/partner-engagement/index.html.

Michigan Technological University is an Equal Opportunity Educational Institution/Equal Opportunity Employer, which includes providing equal opportunity for protected veterans and individuals with disabilities.