

Assistant / Associate Professor - Engineering Technology
Miami University

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Posted Oct. 29, 2024, set to expire Mar. 2, 2025

Job Title	Assistant / Associate Professor - Engineering Technology
Department	Engineering
Institution	Miami University Miamisburg, Ohio
Date Posted	Oct. 29, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Engineering - Other Electrical and/or Electronics Mechatronics
Apply Online Here	https://miamioh.wd5.myworkdayjobs.com/miamioh-faculty/job/Johnston-Hall/Assistant---Associate-Professor---Engineering-Technology_JR101215
Apply By Email	
Job Description	

Middletown and Hamilton, OH

Job Description:

Assistant/Associate Professor (tenure-track) and Endowed Dr. James Russell Myers STEM Professorship in Electrical and Computer Engineering Technology with an emphasis on Robotics. Start date may be January 2025 or August 2025. The successful candidate will primarily teach and develop

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undergraduate courses and laboratories in both Electrical Engineering (such as circuit analysis, electronics, programmable logic controllers (PLCs), digital signal processing, wireless communications, and embedded systems) and the Robotics and Autonomous Systems fields (such as dynamics and controls, robot programming, image processing, computer vision, haptics, and machine learning). The faculty member will also be responsible for and conducting research in the relevant field, advise students, and provide service to the institution and profession. Additionally, the faculty member will contribute to maintaining ABET accreditation standards.

The Engineering Technology Department currently offers ABET/ETAC-accredited bachelor's completion degree programs with concentrations in Electrical and Computer, Mechanical, and Electro-Mechanical Engineering Technology, as well as associate degree programs in Mechanical Engineering Technology and Electrical & Computer Engineering Technology. Additionally, the department has recently launched a new bachelor's completion degree in Robotics Engineering Technology. For more information about the department and its programs, please visit our [website](#).

Miami University is a major public institution with the ambiance of a small college. We provide environments of learning excellence and career opportunities across our campuses in Oxford, Hamilton, Middletown, West Chester, and Luxembourg. Our faculty, staff, and student employees are integral to driving Miami's success. Miami ranks first nationally among public universities for best teaching, according to U.S. News & World Report. Our growth opportunities extend beyond the classroom, valuing the contributions of our faculty, staff, and students.

The main campus is located in Oxford, Ohio, 35 miles north of Cincinnati, in a classic college town offering various shops and restaurants within walking distance of campus. Our regional campuses are located in Hamilton, Middletown, and the Voice of America Learning Center in West Chester, Ohio. Miami University offers an exceptional work environment and competitive benefits. We invite you to experience Miami and see how you can contribute to our mission.

Minimum Qualifications:

Doctoral degree in Electrical Engineering, Mechatronics, Engineering Technology, or a closely related field by date of appointment for appointment as Assistant Professor. In addition to a doctoral degree, an appointment as Associate Professor requires established record of research/scholarship.

Consideration may be given to candidates with the ability to develop or teach courses such as computer vision, haptics, applied machine learning, image processing, data analytics, and electric power systems; at least one year of industry experience and/or at least one year of teaching and developing undergraduate courses in Engineering Technology; evidence of securing external funding in relevant areas; a Professional Engineering License; technologically current work experience in

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circuit design, microcontroller and embedded systems, wireless communication, computer vision, industrial automation, and autonomous navigation; evidence of experience in electrical and electronics, electromechanical or mechatronics, robotics and autonomous systems, machine learning; and evidence of peer-reviewed publications in relevant research areas.

Required Application Documents

To learn more and apply, visit: https://miamioh.wd5.myworkdayjobs.com/miamioh-faculty/job/Johnston-Hall/Assistant---Associate-Professor---Engineering-Technology_JR101215

Cover letter/letter of intent, curriculum vitae, statement of teaching philosophy, unofficial transcripts for degrees completed, detailed statement of research plan (start-up funding is available based on the merit of the research plan).

- Sample research articles
- Sample student evaluations (if available)

Special Instructions (if applicable): Inquiries regarding the position can be directed to Dr. Meenakshi Narayan at narayam3@miamioh.edu. Review of applications will begin November 15, 2024 and continue until the position is filled.

Additional Information

A criminal background check is required. All campuses are smoke- and tobacco-free campuses.

This organization participates in E-Verify.

Remote Work

For positions that are approved for remote work: Remote work is not a right, it is a work arrangement that can be modified or revoked by Miami University at any time for any reason, including the convenience of the University.

Reasonable Accommodations

Requests for reasonable accommodations for disabilities related to employment should be directed to ADAFacultyStaff@miamioh.edu or 513-529-3560. Questions and follow-ups regarding requests should also be directed here.

Diversity Statement

[Miami University](#) is committed to creating an inclusive and effective teaching, learning, research, and

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working environment for all. For more information on Miami University's diversity initiatives, please visit the [Office of Transformational and Inclusive Excellence](#) webpage. For more information on Miami University's mission and core values, please visit the [Mission and Core Values](#) webpage.

Equal Opportunity/Affirmative Action Statement

Miami University, an Equal Opportunity/Affirmative Action employer, encourages applications from minorities, women, protected veterans and individuals with disabilities. Miami University prohibits harassment, discrimination and retaliation on the basis of age (40 years or older), color, disability, gender identity or expression, genetic information, military status, national origin (ancestry), pregnancy, race, religion, sex/gender, status as a parent or foster parent, sexual orientation, or protected veteran status in its application and admission processes, educational programs and activities, facilities, programs or employment practices. Requests for reasonable accommodations for disabilities related to employment should be directed to ADAFacultyStaff@miamioh.edu or 513-529-3560.

Clery Act

As part of the University's commitment to maintaining a healthy and safe living, learning, and working environment, we encourage you to read Miami University's Annual Security & Fire Safety Report at: <http://www.MiamiOH.edu/campus-safety/annual-report/index.html>, which contains information about campus safety, crime statistics, and our drug and alcohol abuse and prevention program designed to prevent the unlawful possession, use, and distribution of drugs and alcohol on campus and at university events and activities. This report also contains information on programs and policies designed to prevent and address sexual violence, domestic violence, dating violence, and stalking. Each year, email notification of this website is made to all faculty, staff, and enrolled students. Written notification is also provided to prospective students and employees. Hard copies of the Annual Security & Fire Safety Report may be obtained from the Miami University Police Department at 513-529-2223.

Labor Law Posters for Applicants

Please visit our [Labor Law Posters](#) webpage to access all relevant and applicable labor law information.

Contact Information

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



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Contact

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