

University Lecturer in Mechanical Engineering
New Jersey Institute of Technology (NJIT)

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Posted Feb. 20, 2025, set to expire Jun. 18, 2025

Job Title	University Lecturer in Mechanical Engineering
Department	Mechanical and Industrial Engineering
Institution	New Jersey Institute of Technology (NJIT) Newark, New Jersey
Date Posted	Feb. 20, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Lecturer/Instructor
Academic Field(s)	Mechanical Engineering Engineering Mechanics
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Job Description	

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University Lecturer in Mechanical Engineering

Department:

Mechanical and Industrial Engr

Reports To:

Department Chair

Position Type:

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Faculty

Position Summary:

The Mechanical and Industrial Engineering Department at the New Jersey Institute of Technology (NJIT) invites applications for a University Lecturer or Senior University Lecturer position in mechanical engineering. This is a full-time teaching appointment whose essential function is to teach and develop undergraduate courses in mechanical engineering with an emphasis on, but not limited to: mechanics, dynamics, thermodynamics, materials science, design, and structural analysis. The successful candidate should demonstrate a commitment to educational excellence in a public university with a diverse student body.

Essential Functions:

Candidates are expected to teach undergraduate and graduate level courses in mechanical engineering as well as provide service to the program, department, university, and profession.

Prerequisite Qualifications:

- Applicants are expected to have a doctorate degree in mechanical engineering or a related discipline.
- Candidates should possess a thorough understanding of mechanical engineering and the engineering design process.
- Candidates must demonstrate clear potential for excellence in teaching and mentoring.
- Candidates are expected to contribute to other department services. Professional practice experience is desirable.
- At the university's discretion, the education and experience prerequisites may be exempted where the candidate can demonstrate to the satisfaction of the university, an equivalent combination of education and experience specifically preparing the candidate for success in the position.

Bargaining Unit:

PSA

FLSA:

Exempt
Full-Time

About the department:

The Mechanical and Industrial Engineering Department in the Newark College of Engineering at New Jersey Institute of Technology is an advanced research-active department. Research thrust areas include Biomechanics, computational fluid mechanics, biomedical devices, robotics, controls and

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automation, smart materials, mechanics of complex materials, advanced energy systems, thermal-fluid systems, climate modeling, computer aided design, machine learning, supply chain and operations research. Our department features 30 tenured/tenure-track faculty and 6 teaching faculty who contribute significantly to our educational excellence and mission. Our department accommodates an impressive student body of 1,200 individuals, making us one of the largest academic departments in the Newark College of Engineering at NJIT. Our offerings include 24 graduate MS, PhD, and certificate programs, as well as undergraduate majors in mechanical engineering (ME) and industrial engineering (IE). Our department thrives with a vibrant community of student groups, including ASME (American Society of Mechanical Engineers), IISE (Institute of Industrial and Systems Engineers), Baja SAE, and Robotics Club among others. MIE research projects are funded by NSF, other federal agencies, NJ state, industry and private foundations.

Special Instructions to Applicants:

Applications should be submitted electronically to

<https://njit.csod.com/ux/ats/careersite/1/home/requisition/7720?c=njit> and include the following: current curriculum vitae, teaching statement, cover letter, and contact information for three (3) professional references. Questions may be directed to the department interim chair, Zhiming Ji at ji@njit.edu.

EEO Statement:

As an EEO employer, NJIT is committed to building a diverse and inclusive teaching, research, and working environment and strongly encourages applications from individuals with disabilities, minorities, veterans, and women.

Diversity Statement:

As a Minority Serving Institution with designations as an Asian American and Native American Pacific Islander Serving Institution (AANAPSI) and Hispanic Serving Institution (HSI), NJIT is committed to embracing diversity, centering equity, and practicing inclusion with the goal of sustaining a culture of belonging. NJIT celebrates the diversity of our university community and recognize the cultural and personal contributions each member of the community brings to NJIT. We strive to cultivate a campus culture that promotes inclusive excellence among our faculty, staff, students, and external partners. Sustaining and building upon our diverse community is critical to NJIT's continuing status as a premier research institution of higher education and a leading polytechnic university.

To apply, visit <https://njit.csod.com/ux/ats/careersite/1/home/requisition/7720?c=njit>

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Contact Information

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

Contact

Mechanical and Industrial Engr
New Jersey Institute of Technology (NJIT)

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