

Assistant or Associate Professor of Robotics Engineering
New Jersey Institute of Technology (NJIT)

Direct Link: <https://www.AcademicKeys.com/r?job=268267>

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Posted Nov. 13, 2025, set to expire Mar. 12, 2026

Job Title	Assistant or Associate Professor of Robotics Engineering
Department	Newark College of Engineering
Institution	New Jersey Institute of Technology (NJIT) Newark, New Jersey
Date Posted	Nov. 13, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Associate Professor Assistant Professor
Academic Field(s)	Robotics
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Job Description

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Assistant or Associate Professor of Robotics Engineering

Department:

Newark College of Engineering

Reports To:

Dean, Newark College of Engineering

Position Type:

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Faculty

Position Summary:

The Newark College of Engineering (NCE) at the New Jersey Institute of Technology (NJIT) invites applications and nominations for the position of Professor of Robotics Engineering.

We are seeking candidates at the rank of Assistant or Associate Professor on a tenure track. The successful candidate will be appointed in the department within NCE that aligns best with the candidate's expertise, and may hold a joint appointment across multiple departments as appropriate.

The ideal candidate will demonstrate a record of outstanding scholarship, experience in research and development of robotic systems, and knowledge and interest in the underlying theory and practice of robotics design. We are also seeking candidates with genuine interest in education, ready and excited about guiding students to develop, build and test robots as part of the students' academic training.

The successful candidate is expected to work effectively in a collaborative, interdisciplinary environment both within NCE and across the broader campus.

Essential Functions:

- Teaches, conducts research, and develops technology related to contemporary robots.
- Supports and leads the design, testing and operation of robotic systems.
- Solicits and secures research funding (and support for robotic infrastructure) from governmental bodies and industry.
- Initiates and leads research projects; publishes the results in peer-reviewed journals and presents findings in leading conferences on robotics and related areas.
- Delivers lectures, workshops, design courses, and research projects in robotics and related areas.
- Mentors student groups that participate in robotics competitions.
- Develops and adapts new teaching methods, tools, and curricula based on the latest research in robotics and robotics education.
- Leads the design and development of state-of-the-art infrastructure for robotic research and experimentation at NJIT.
- Collaborates with other professionals, academic researchers, and organizations focused on robotics and related fields.

Prerequisite Qualifications:

- We are seeking candidates whose credentials are suitable for the rank of Assistant Professor or Associate Professor. We seek candidates with educational background in robotics or closely related

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areas. A record of outstanding research in a pertinent area is required, along with a footprint in the technical literature that is commensurate with candidate's rank and length of experience. Candidates are expected to have participated in the design, building and testing of relevant physical systems (e.g., robots, drones, AUVs).

-Candidates should have demonstrated excellence in teaching, with a commitment to high-quality instruction. We expect them to have interest in advancing education programs in robotics engineering at both undergraduate and graduate levels.

-Candidates should have superior communication skills as well as excellent writing capabilities.

-A doctorate degree in a pertinent STEM field is required by the appointment start date. Candidates with substantial academic training in robotics (design, hands-on construction and testing) are preferred. Candidates that have participated actively in the major conferences on robotics are also 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

Salary Information:

In compliance with the NJ Pay Transparency Law, the salary range for the assistant level position is \$85,000-\$125,000 and the associate level position is \$100,000-\$125,000. (USD). NJIT considers factors such as (but not limited to) scope and responsibilities of the position, candidate's work experience, education/training, key skills, internal peer equity, as well as, market and organizational considerations when extending an offer. This pay range represents base pay only and excludes any additional items such as incentives, bonuses or other items.

To learn more about the comprehensive benefits NJIT offers for this position, please visit our benefits page: <https://hr.njit.edu/health-benefits>.

FLSA:

Exempt

Full-Time

Special Instructions to Applicants:

Salary will be commensurate with qualifications and experience.

Applications must include the following:

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- A cover letter that includes a summary of education, relevant experience, and research interests.
- A detailed curriculum vitae, highlighting experience with physical robotic systems.
- A statement of research interests, objectives, and vision.
- A statement of teaching interests and philosophy.
- Contact information of three (3) professional references.

Questions may be directed to the Dean of the Newark College of Engineering, Dr. Moshe Kam, at kam@njit.edu.

EEO Statement:

New Jersey Institute of Technology (NJIT) is an Equal Employment Opportunity (EEO) employer committed to fostering a diverse, equitable, and inclusive environment across our teaching, research, and workplace communities. NJIT does not discriminate on the basis of race, color, national origin, sex, sexual orientation, gender identity or expression, disability, age, religion, ancestry, genetic information, military or veteran status, or any other characteristic protected by law. We strongly encourage applications from women, minorities, individuals with disabilities, and veterans, and are dedicated to ensuring access, equal opportunity, and reasonable accommodations for individuals with disabilities in all employment, programs, services, and activities.

To apply, visit

<https://njit.csod.com/ux/ats/careersite/1/home/requisition/8461?c=njit&sq=req8461>

jeid-5ed65de40a284f4c904aa56f0736335d

Contact Information

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

Contact

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