

Faculty Hiring in Mechanical and Aerospace Engineering Rutgers University

Direct Link: <https://www.AcademicKeys.com/r?job=269707>

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Posted Dec. 21, 2025, set to expire Jun. 22, 2026

Job Title	Faculty Hiring in Mechanical and Aerospace Engineering
Department	Mechanical and Aerospace Engineering Department http://mae.rutgers.edu
Institution	Rutgers University Piscataway, New Jersey
Date Posted	Dec. 21, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Associate Professor Professor Assistant Professor
Academic Field(s)	Aerospace/Aeronautical/Astronautics Energy Technology Mechanical Engineering Robotics
Apply By Email	
Job Description	

Join a Community of Innovators Shaping the Future of Engineering

Rutgers University–New Brunswick’s **School of Engineering** invites applications for multiple **faculty positions** across all ranks and areas of expertise. The School of Engineering includes seven academic departments and 10 engineering majors, offering exceptional opportunities for interdisciplinary collaboration and innovation. We seek outstanding scholars whose work advances one or more of our strategic priority areas: **Physical and Virtual Infrastructure, Healthcare Technology, Innovations in Energy, Defense and National Security, Experiential Learning, and Professional Education**

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Appointments may be made in **one or more engineering departments** based on the candidate's expertise and interests. While most positions are expected to be at the **assistant professor** level (tenure-track and teaching), **consideration will also be given to more senior-level appointments**, and all qualified candidates are encouraged to apply.

Mechanical and Aerospace Engineering

Rutgers University-New Brunswick (RU-NB) invites applications for tenure-track/tenured faculty positions at all ranks (Assistant, Associate, and Full Professor).

Position Description

- **Aerospace Engineering.** All areas with a preference toward propulsion, materials, structures, materials, and/or space systems.
- **Energy Systems.** Preferred applications include wind, solar, nuclear, renewable, and sustainable power supply.
- **Robotics.** Preference will be given to applications in manufacturing, cybersecurity, infrastructure, and healthcare.

Candidates with relevant expertise in aerospace sciences, aircraft and spacecraft structures, robotics, advanced manufacturing, renewable energy, wind turbines, solar power, computational and structural mechanics, artificial intelligence and cybersecurity, machine learning, data-driven optimization, complex systems modeling, and applications are especially encouraged to apply. Synergies with one or more department strengths in Aerospace, Hypersonic, Energy, Controls, Robotics and Mechatronics, Advanced Manufacturing and Materials will be viewed positively. Successful candidates will be expected to teach graduate and undergraduate courses in Mechanical and Aerospace Engineering; develop a nationally recognized and externally funded scholarly research program.

Qualifications

Qualifications include a Ph.D. in Mechanical Engineering, Aerospace Engineering, or a closely related field, completed by the time of appointment, and demonstrated excellence in research, potential for or record of external funding, and a strong commitment to teaching and student success.

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Application Instructions

Applicants should submit a cover letter, curriculum vitae, statement of research interests, statement of teaching philosophy, and contact information for three references to

<https://jobs.rutgers.edu/postings/263859> - Aerospace Engineering

<https://jobs.rutgers.edu/postings/264248> - Energy Systems

<https://jobs.rutgers.edu/postings/264250>- Robotics

Review of applications will begin on 12/2025 and continue until all positions are filled.

About Mechanical and Aerospace Engineering

The Department of Mechanical and Aerospace Engineering (MAE) at Rutgers is a leading engineering program with state-of-the-art laboratories and close relations with local industry. The department has more than 40 full-time faculty with more than 1,100 undergraduate students in Mechanical Engineering, Aerospace Engineering, and Packaging Engineering and more than 200 graduate students. The department is home to the New Jersey Advanced Manufacturing Initiative that engages with industry on AI, advanced manufacturing, and workforce development. Other centers of research excellence include the Center for Advanced Energy Systems and the Emil Buehler Aerospace Lab. More information is available at mae.rutgers.edu and soe.rutgers.edu.

About Rutgers School of Engineering

Rutgers University–New Brunswick’s School of Engineering is home to educational opportunity and innovation, preparing a richly diversified body of more than 5,000 undergraduate and graduate students with the ability to solve problems, make meaningful societal advances, lead through innovation, and excel in the global workplace. Ranked among the leading engineering programs in the nation, the school is centrally located in the Northeast Corridor amid a powerhouse of industrial, pharmaceutical, high-tech, transportation, and financial industries, providing professional and research opportunities. With seven academic departments and 10 engineering majors, Rutgers Engineering is also home to 200 highly skilled faculty members and nationally recognized research focusing on areas such as wireless communication, advanced infrastructure and transportation, pharmaceutical engineering, national security, and energy storage. Learn more at soe.rutgers.edu.

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About Rutgers, The State University of New Jersey

Rutgers, The State University of New Jersey, stands among America's highest-ranked, most diverse public research universities with main campuses in New Brunswick, Newark, and Camden. The university offers over 150 undergraduate majors and a wide range of graduate, professional, and online programs, with a strong focus on research and innovation. Rutgers is an academic, health, and research powerhouse and a university of opportunity.

It is university policy to provide equal employment opportunity to all its employees and applicants for employment regardless of their race, creed, color, national origin, age, ancestry, nationality, marital or domestic partnership or civil union status, sex, pregnancy, gender identity or expression, disability status, liability for military service, protected veteran status, affectional or sexual orientation, atypical cellular or blood trait, genetic information (including the refusal to submit to genetic testing), or any other category protected by law. As an institution, we encourage all qualified applicants to apply. For additional information please see the Non-Discrimination Statement at the following web address: <http://uhr.rutgers.edu/non-discrimination-statement>.

EEO/AA Policy

Rutgers, the State University of New Jersey, is an Equal Opportunity / Affirmative Action Employer. Qualified applicants will be considered for employment without regard to race, creed, color, religion, sex, sexual orientation, gender identity or expression, national origin, disability status, genetic information, protected veteran status, military service or any other category protected by law. As an institution, we value diversity of background and opinion, and prohibit discrimination or harassment on the basis of any legally protected class in the areas of hiring, recruitment, promotion, transfer, demotion, training, compensation, pay, fringe benefits, layoff, termination or any other terms and conditions of employment. [In addition to research, teaching, and general professional and public service, service contributions that promote diversity and equal opportunity are encouraged and given recognition in the evaluation of the candidate's qualifications. Examples include, but are not limited to, developing strategies for the educational or professional advancement of students in underrepresented groups; efforts to advance equitable access and diversity in education; and activities such as recruitment, retention, and mentoring or advising of underrepresented students or new faculty]

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Contact Information

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

Please see the job description for contact details pertaining to this university job announcement.