



**Rutgers School of Engineering
Lab Specialist**

Rutgers, The State University of New Jersey, is seeking a Full time Lab Facilities Specialist for the School of Engineering. This position reports to the Department Chair of Industrial and Systems Engineering (ISE). The Lab Facilities Specialist is responsible for the safety, design, documentation, and commissioning of experimental machines though out the ISE laboratories under the guidance of the faculty members, for research and instruction purposes.

The position also assists in the arranging the maintenance of general laboratory facility by interacting with manufactures/suppliers, obtaining quotations, closely work with facility to setup equipment, scheduling required work, and troubleshoot problems (in operational phase) etc., closely working with facilities to design and setup equipment, sensors, and machines.

Among the key duties of this position are the following:

- Collects and analyzes data to evaluate the performance of machines and experiments.
- Completes work independently with broadly defined work objectives and limited review of overall results.
- Teaches and trains research assistants and technicians on laboratory processes and equipment.
- Set up specific equipment, develop instructions and demonstrate its use.
- Effectively communicates and interacts with undergraduate and graduate students and faculty. This includes managing lab related activities and ensuring that project requirements are met on timely basis.
- Demonstrates and assists and coordinate with students for their senior design projects in conducting experiments.
- Manages multiple simultaneous projects with the ability to field questions which could arise without notice.
- Maintains, troubleshoots, and repairs machines and lab testing equipment, computers personal computers, plotters, printers, projectors, and related peripherals on regular basis.

Please visit this link for more details on applying: <https://jobs.rutgers.edu/postings/120548>



Industrial and Systems Engineering at Rutgers University-New Brunswick
Teaching Faculty Position, Non-Tenure Track

The Department of Industrial and Systems Engineering (ISE) at Rutgers University invites applications for a faculty position at the Assistant Teaching Professor rank, a long-term, career-oriented position with the possibility of reappointment and promotion through the university's teaching faculty track (<https://academiclaborrelations.rutgers.edu/non-tenure-track-faculty-non-libraries>). This is a non-tenure track position with a calendar year appointment that starts in fall 2020.

The ISE Department welcomes dynamic and engaging candidates who are dedicated to instructional innovation and can bring diverse intellectual, geographical, gender and ethnic perspectives to the work and campus communities at Rutgers and the School of Engineering (SoE).

The candidate must have solid technical and analytical background with significant industry experience. We seek an individual who is willing to integrate technology and innovation into undergraduate courses and design projects. The candidate is expected to teach a wide variety of undergraduate and graduate courses in ISE, including but not limited to, Senior Design, Work Design and Human/Machine Systems, Supply Chain, and more. The candidate must also be willing to develop new courses at the undergraduate level that involve innovation and technology. Finally, the candidate will be expected to help the department engage industry projects into the curriculum and enhance industry partnership.

A doctoral degree in Industrial Engineering or related topic is required. We seek exceptional candidates who can proactively contribute to our School's commitment to diversity, equity and inclusion. Interested candidates are encouraged to visit the ISE Department website <http://ise.rutgers.edu> and the School of Engineering website <http://soe.rutgers.edu>.

Please submit your application online at <http://jobs.rutgers.edu/postings/110911> and include

- cover letter
- curriculum vitae
- teaching statement with evidence of experience and promoting student engagement
- plans or accomplishments in advancing diversity, equity, and inclusion
- contact information for three references.

Rutgers is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to minorities, women, veterans, disabled individuals, and other protected groups.