

# Lab Technician

4165BR

Golisano Institute for Sustainability

GIS Nanopower Research Laboratory

Detailed Job Description

The primary responsibilities include:

- Maintains operational performance of laboratory equipment and instruments, including performing preventative maintenance
- Assists NPRL students, faculty and staff with installation and maintenance of department's scientific analytic instrumentation
- Oversee day-to-day laboratory operations, to include: ordering general use lab supplies, safety checks, answering questions from students and staff about laboratory equipment
- Assist NPRL students, faculty and staff with measurement and characterization as needed for specific sponsored research programs
- Performs electrical/mechanical troubleshooting to component level
- Assist in training research staff/ students in lab procedures and safe operation of equipment
- Coordinating lab usage for internal and external users based on NPRL policies and RIT established technology control plans (TCP) for the research being conducted in each NPRL lab
- Liaison for RIT environmental health and safety and ensure staff/ student compliance with Institutional regulations
- Communicate with RIT Facilities Management Services (FMS) to ensure laboratories are maintained and all facilities (e.g. temperature control, exhaust, etc) are functional
- Work with equipment vendors to obtain equipment quotes and arrange for equipment maintenance and repairs as needed
- Develop standard operating procedures for lab equipment, Maintain and update facility records
- Assist Research Scientists with developing experimental infrastructure and research methodologies as needed for specific sponsored research programs
- Other duties as required

## Department/College Description

The NanoPower Research Labs (NPRL) represents a consortium of five RIT faculty from both the Kate Gleason College of Engineering and the College of Science working on applications of nanomaterials in energy and photonics. Research is focused on the development of new materials and devices for power generation and storage as well as novel materials for photonic and optoelectronic applications. Ph.D., Masters, and undergraduate students from over 10 academic programs conduct research under the supervision of our principal investigators and alongside a full-time staff of scientists and research assistants. The laboratories span over 6,000 square feet of research space located within both the Golisano Institute for Sustainability and the Kate Gleason College of Engineering.

## Required Minimum Qualifications

### Associates Degree

Minimum of 2 years experience as facilities technician, engineering technician, or related experience required

*\* The successful applicant must be a U.S. Person as defined by 8 USC 1324b(a)(3), or have the ability to obtain the appropriate license to comply with the US Export Control Laws.*

## Required Minimum Education Level

AS

## Wage Band

114H

## Employment Category

Fulltime

## Required Application Documents

Cover Letter, Curriculum Vitae or Resume

## How To Apply

In order to be considered for this position, you must apply for it at: <http://careers.rit.edu/staff>. Click the link for search openings and in the keyword search field, enter the title of the position or the BR number.

## Additional Details

The hiring process for this position may require a criminal background check and/or motor vehicle records check. Any verbal or written offer made is contingent on satisfactory results, as determined by Human Resources. RIT does not discriminate. RIT promotes and values diversity, pluralism and inclusion in the work place. RIT provides equal opportunity to all qualified individuals and does not discriminate on the basis of race, color, creed, age, marital status, sex, gender, religion, sexual orientation, gender identity, gender expression, national origin, veteran status or disability in its hiring, admissions, educational programs and activities. RIT provides reasonable accommodations to applicants with disabilities under the Rehabilitation Act, the Americans with Disabilities Act, the New York Human Rights Law, or similar applicable law. If you need reasonable accommodation for any part of the application and hiring process, and you wish to discuss potential accommodations related to your application for employment at RIT, please contact the Human Resources office at 585-475-2424 or email your request to [Careers@rit.edu](mailto:Careers@rit.edu).

Grade	Minimum	Midpoint	Maximum
110A	\$25,148.00	\$26,700.00	\$32,000.00
110H	\$12.09	\$12.82	\$15.40
111A	\$25,522.00	\$29,400.00	\$35,200.00
111H	\$12.27	\$14.11	\$16.93
112A	\$25,900.00	\$32,300.00	\$38,800.00
112H	\$12.43	\$15.55	\$18.67
113A	\$27,300.00	\$35,500.00	\$43,800.00
113H	\$13.12	\$17.09	\$21.04
114A	\$30,100.00	\$39,100.00	\$48,200.00
114H	\$14.46	\$18.82	\$23.18