

Sr Instructional Lab Technician Worcester Polytechnic Institute

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Posted Mar. 12, 2025, set to expire Jul. 3, 2025

Job Title	Sr Instructional Lab Technician
Department	
Institution	Worcester Polytechnic Institute Worcester, Massachusetts
Date Posted	Mar. 12, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Mechanical Engineering Manufacturing & Quality Engineering Engineering - Other
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Job Description

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JOB TITLE

Sr Instructional Lab Technician

LOCATION

Worcester

DEPARTMENT NAME

Mechanical & Materials Engineering

DIVISION NAME

Sr Instructional Lab Technician Worcester Polytechnic Institute

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Worcester Polytechnic Institute - WPI

JOB DESCRIPTION SUMMARY

Provide assistance, training and development skills necessary for students, faculty and staff on the use of the CNC Machine Tools and other equipment located in the Manufacturing Laboratories located within the Department of Mechanical Engineering.

JOB DESCRIPTION

Responsibilities:

- Develop materials and train WPI undergraduate and graduate students as well as faculty and staff on the safe use of automated manufacturing equipment.
- Assist faculty and students on manufacturability assessments and design reviews. Develop and implement strategies to resolve design problems as needed.
- Design, manufacture and maintain specialized lab equipment which includes electro-mechanical systems, robotic systems and robotic machine tool interfaces.

Requirements:

- Bachelor's degree required; Master's degree helpful in the area of mechanical or manufacturing engineering in a dynamic manufacturing facility or academic laboratory setting.
- A minimum of 3 years' experience in mechanical engineering, manufacturing, or related fields.
- Requires extensive knowledge and skill in the use of CAD and CAM software including Esprit AutoCAD, and Solidworks.
- Requires knowledge of the tools, equipment, methods and practices of machining and welding.
- Ability to understand and create solid models of complex parts and assemblies as well being skilled in GD&T and the reading and creating of engineering drawings.
- Ability to communicate and translate technical ideas or abstract visions with students, faculty and staff.

This is an on-site position with a salary range of \$62,500 - \$78,100 based on experience, education/training, and key skills. WPI's [benefits package](#) includes a robust retirement match, wellness perks, tuition assistance and more!

Please submit a cover letter and resume for consideration.

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FLSA STATUS

United States of America (Exempt)

WPI is an Equal Opportunity Employer. All qualified candidates will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity, national origin, veteran status, or disability. It seeks individuals from all backgrounds and experiences who will contribute to a culture of creativity, collaboration, inclusion, problem solving, innovation, high performance, and change making. It is committed to maintaining a campus environment free of harassment and discrimination.

To apply, visit: https://wpi.wd5.myworkdayjobs.com/en-US/WPI_External_Career_Site/job/Worcester/Senior-Instructional--Lab-Technician_R0003109

About WPI

WPI is a vibrant, active, and diverse community of extraordinary students, world-renowned faculty, and state of the art research facilities. At WPI, we have competitive and comprehensive benefits, including health insurance, long-term care, retirement, tuition assistance, flexible spending accounts, work-life balance and much more.

Diversity & Inclusion at WPI

WPI is committed to creating an inclusive workplace where everyone feels valued and respected; a place where every student, faculty and staff member can be themselves, so that they can study, live, and work comfortably, to reach their full potential, and make meaningful contributions in order to meet departmental and institutional goals. WPI thrives on innovative practice and welcomes diverse perspectives, insight, and people from diverse lived experiences, to enhance the community environment and propel the institution to the next level in a competitive, global marketplace.

Contact Information

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

Contact



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N/A

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