

Assistant Teaching Professor/Instructor
Worcester Polytechnic Institute

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Posted Feb. 11, 2025, set to expire Jun. 10, 2025

Job Title Assistant Teaching Professor/Instructor
Department Robotics Engineering
Institution Worcester Polytechnic Institute
Worcester, Massachusetts

Date Posted Feb. 11, 2025

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Assistant Professor

Academic Field(s) Robotics
Mechanical Engineering

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Job Description

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JOB TITLE

Assistant Teaching Professor/Instructor

LOCATION

Worcester

DEPARTMENT NAME

Robotics Engineering Department

DIVISION NAME

Assistant Teaching Professor/Instructor Worcester Polytechnic Institute

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Worcester Polytechnic Institute - WPI

JOB DESCRIPTION SUMMARY

The Worcester Polytechnic Institute (WPI) Robotics Engineering Department (RBE) invites applications for full-time teaching faculty positions. The individuals selected for the positions will contribute to WPI's unique interdisciplinary and project-oriented robotics curriculum at both the undergraduate and graduate levels. In addition to teaching, curriculum development, and advising, the position offers the opportunity to mentor student research projects. Qualified candidates will hold a PhD or equivalent degree in robotics or a related discipline and must be able to demonstrate excellence in undergraduate or graduate teaching in robotics-related topics, such as robot kinematics, dynamics, control, sensing and perception, especially visual perception, manipulation, motion planning, navigation, and robot learning. Given the hands-on nature of the robotics curriculum, significant practical experience in robotics is desired and may be considered in lieu of an advanced degree. Applicants with extensive professional experience may be appointed as a Professor of Practice. After the first year, multi-year appointments will be offered based on performance and are renewable.

JOB DESCRIPTION

The vision of the RBE department is "to become an exemplary, internationally recognized, multidisciplinary center for education, research, and innovation in Robotics." Since RBE's inception in 2006 as an interdisciplinary program, it has grown to be a department with 25+ courses, 18 labs, 19 faculty & 20+ associated faculty, over 760 undergraduate and grad students, and over 1000 alumni. We were the first program to offer an undergraduate degree in Robotics Engineering, and we have since then expanded to offer MS and PhD degrees. Research is funded by agencies such as DARPA, AFRL, ONR, NIH, NSF, and NASA, as well as industry. With Robotics Engineering being inherently multidisciplinary in nature, our faculty regularly collaborate with affiliates from Computer Science, Mechanical Engineering, Electrical & Computer Engineering, and Biomedical Engineering as well as Physics, Humanities & Arts, and Social Science & Policy Studies.

WPI's reputation as a rigorous and innovative university rests on the shoulders of its faculty. A highly selective, private technological university and one of the nation's first, WPI believes that when great minds work together, great advances follow. At WPI, the boundaries to multidisciplinary collaboration are low. Faculty members, students, and other partners work together on real-world projects and purposeful research that are hallmarks of the WPI experience. Located one hour west of Boston, the university's campus is in Worcester, Massachusetts, a thriving 21st century college city recognized as a growing hub of scientific and technological innovation.

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Applicants should submit a recent curriculum vitae including a complete publication list, a statement summarizing teaching experience and interests, a statement for research experience, and a statement for leadership (particularly in robotics) and diversity. An applicant should also list names and email addresses of at least three references. Applications will be reviewed as they are received; therefore, applicants are encouraged to apply as early as possible.

FLSA STATUS

United States of America (Exempt)

WPI is an Equal Opportunity Employer that actively seeks to increase the diversity of its workplace. 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 with diverse 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/Assistant-Teaching-Professor-Instructor_R0002973

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.

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Contact Information

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

Contact

N/A

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