

Assistant Teaching Professor- Robotics Engineering Worcester Polytechnic Institute

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Posted Oct. 21, 2021, set to expire Feb. 9, 2022

Job Title	Assistant Teaching Professor- Robotics Engineering
Department	
Institution	Worcester Polytechnic Institute Worcester, Massachusetts
Date Posted	Oct. 21, 2021
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

JOB TITLE

Assistant Teaching Professor- Robotics Engineering

LOCATION

Worcester

DEPARTMENT NAME

Robotics Engineering Department

DIVISION NAME

Worcester Polytechnic Institute - WPI

JOB DESCRIPTION SUMMARY

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The Worcester Polytechnic Institute (WPI) Robotics Engineering Department (RBE) invites applications for a full-time teaching-track faculty position.

JOB DESCRIPTION

The individual selected for the position 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, this position offers the opportunity to mentor student research projects. A qualified candidate will hold an advanced degree (Ph D or MS) or equivalent 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 vision 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. Appointments may be for multiple years and may be renewable.

The successful candidate will teach courses and advise projects at the undergraduate and graduate levels and contribute to the educational mission of a collegial department with a growing cadre of full-time faculty members.

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 offering 25+ courses, 18 labs, 17 faculty & 20 associated faculty, over 400 undergrad and over 200 grad students, and over 1000 alumni. We were the first 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, NASA as well as industry. With Robotics Engineering being inherently multidisciplinary in nature, our faculty regularly collaborate with affiliates from Mechanical, Electrical & Computer, and Biomedical Engineering as well as Computer Science, 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 the real-world projects and purposeful research that are hallmarks of the WPI experience. We are most proud of a recent No. 1 ranking for "faculty who best combine research and teaching." (Wall Street Journal/Times Higher Ed,

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2016). 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.

Applicants should submit a recent curriculum vitae including a complete publication list, separate statements summarizing teaching and research experiences, interests, and leadership (particularly in the area of robotics), and names and email addresses of at least three references. Applications should be received by January 1, 2022. Applications will be reviewed as they are received; therefore, applicants are encouraged to apply early.

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. We are seeking individuals with diverse backgrounds and experiences who will contribute to a culture of creativity and collaboration, inclusion, problem solving and change making.

To apply, visit: [\[url=https://apptrkr.com/2562182\]](https://apptrkr.com/2562182)https://wpi.wd5.myworkdayjobs.com/en-US/WPI_External_Career_Site/job/Worcester/Assistant-Teaching-Professor--Robotics-Engineering_R0001599

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

Worcester Polytechnic Institute

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