

Assistant Professor of Mechanical Engineering  
Lawrence Technological University

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Posted Jul. 23, 2024, set to expire Nov. 24, 2024

<b>Job Title</b>	Assistant Professor of Mechanical Engineering
<b>Department</b>	Mechanical, Robotics, and Industrial Engineering
<b>Institution</b>	Lawrence Technological University Southfield, Michigan
<b>Date Posted</b>	Jul. 23, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	August 2025
<b>Job Categories</b>	Assistant Professor
<b>Academic Field(s)</b>	Robotics Mechanical Engineering
<b>Job Website</b>	<a href="http://www.ltu.edu">http://www.ltu.edu</a>
<b>Apply By Email</b>	<a href="mailto:bjawad@ltu.edu">bjawad@ltu.edu</a>
<b>Job Description</b>	

The A. Leon Linton Department of Mechanical, Robotics, and Industrial Engineering at Lawrence Technological University (LTU) invites applications for a tenure-track faculty position at the Assistant Professor level in the field of Mechanical Engineering. Candidates are required to hold a PhD degree in Mechanical Engineering or a closely related field by the date of hire. The appointment will begin August 2025..

Particular areas of interest include, but are not limited to, finite element analysis and nondestructive testing. The successful candidate will have a high potential for excellence in teaching at the undergraduate and graduate levels, a publication record commensurate with years since PhD obtained, and the ability to establish and conduct independent research.

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**SUMMARY:**

Teach courses in robotics engineering as assigned by the department chair, usually 9 credit-hours per semester. Carry out scholarly work, including applied research. Serve the department, college, and the profession by undertaking committee work and leadership roles and by advising students.

**JOB DUTIES:**

- Teaches and develops undergraduate and graduate courses in mechanical engineering.
- Develops and sustains strong externally-funded research program.
- Advises undergraduate and graduate students.
- Directs student engineering projects.
- Participates in professional and University service activities.
- Keeps regular office hours to provide easy access to students.
- Maintains current knowledge in fields of expertise.
- Performs additional duties as assigned.

**EDUCATION and/or EXPERIENCE:**

An earned doctorate in Mechanical Engineering or a closely related field.

**ABOUT US:**

LTU is a selective, focused university with Colleges of Architecture & Design, Arts & Sciences, Business & Information Technology, and Engineering. Of these, the College of Engineering is the oldest and largest, enrolling approximately 1,100 undergraduate and 750 graduate students. The College includes five departments: biomedical, civil & architectural, electrical & computer, mechanical, industrial, & robotics, and technology. Over a third of LTU's students enroll in evening programs, and the College serves both full-time and part-time students. The University enjoys strong ties with many industries headquartered in the region and is expanding graduate, service, and applied research programs.

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Lawrence Technological University's A. Leon Linton Department of Mechanical, Robotics, and Industrial Engineering has 14 full-time faculty and enrolls approximately 450 graduate and close to 475 undergraduate students. The department offers the following degrees: B.S. Mechanical Engineering, B.S. Robotics Engineering, B.S. Industrial Engineering, M.S. Mechanical Engineering, M.S. Automotive Engineering, M.S. Mechatronics and Robotics Engineering, M.S. Industrial Engineering, Master of Engineering Management, and Ph.D. in Mechanical Engineering.

Lawrence Technological University (LTU) conducts pre-employment screening on initial candidates for all positions, which may include but is not limited to, a criminal background check, verification of academic credentials, license, certifications, and/or verification of work history.

### **TO APPLY:**

Candidates should submit the following: 1) a cover letter indicating the area of specialization, 2) a detailed curriculum vitae, 3) a statement of research interests, 4) a statement of teaching interests and capabilities, 5) the names and contact information for

four references. Application packages should be submitted electronically to Dr. Badih Jawad, Chair, A. Leon Linton Department of Mechanical, Robotics, and Industrial Engineering, Lawrence Technological University, [bjawad@ltu.edu](mailto:bjawad@ltu.edu).

### **EEO/AA Policy**

Lawrence Technological University is an Equal Opportunity Employer.

### **Contact Information**

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

**Contact**      Dr. Badih Jawad  
                         Mechanical, Robotics, and Industrial Engineering

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