

**Tenured/Tenure-Track Faculty Search in Advanced
Manufacturing
Illinois Institute of Technology**

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Posted Apr. 3, 2025, set to expire Aug. 5, 2025

Job Title	Tenured/Tenure-Track Faculty Search in Advanced Manufacturing
Department	Mechanical, Materials, and Aerospace Engineering (MMAE) https://www.iit.edu/mmae
Institution	Illinois Institute of Technology Chicago, Illinois
Date Posted	Apr. 3, 2025
Application Deadline	Sep. 1, 2025
Position Start Date	Spring 2026
Job Categories	Associate Professor Professor
Academic Field(s)	Mechanical Engineering Material/Metallurgy Manufacturing & Quality Engineering Aerospace/Aeronautical/Astronautics

Apply By Email

Job Description

The Department of Mechanical, Materials, and Aerospace Engineering (MMAE) at Illinois Institute of Technology (Illinois Tech) invites applications for a tenured or tenure-track faculty position in advanced manufacturing. We seek candidates with expertise in areas including, but not limited to: advanced manufacturing processes, additive manufacturing, digital manufacturing, material properties, process-property relationships and optimization, microstructure characterization, phase-field modeling, and/or machine learning for manufacturing. Candidates with experimental and/or computational backgrounds are encouraged to apply. Those with a strong record of sustained success in research, teaching, and

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service will be considered for an endowed chair. The expected start date is Spring 2026, but this is negotiable.

Illinois Tech is a private, Ph.D.-granting research university with nationally ranked programs in aerospace, mechanical and other engineering programs, and in computing, architecture, science, design, psychology, business, law, and the humanities. It is ranked #1 in Illinois and #23 nationally in the Wall Street Journal's "America's Best Colleges 2024." Founded in 1890 to provide access to higher education for students of all backgrounds, Illinois Tech remains deeply committed to that mission. Diversity, equity, and inclusion are part of the day-to-day experience and a central component of the university's culture. Illinois Tech encourages applications from all qualified candidates.

At the time of appointment, applicants must hold an earned doctorate in mechanical engineering, materials science and engineering, aerospace engineering, or a related field. Faculty in MMAE are expected to develop and maintain a vibrant, externally funded research program that supports graduate students and leads to a strong record of publication. We especially welcome candidates with cross-disciplinary research interests. Successful candidates will demonstrate a strong commitment to undergraduate and graduate teaching in aerospace, mechanical and mechanics, as well as to a vibrant research program and active service to academia and profession.

The MMAE Department offers ABET-accredited degrees in aerospace engineering and in mechanical engineering as well as a range of master's and Ph.D. programs. The department includes 23 full-time faculty and supports approximately 400 undergraduate and 150 graduate students. Our facilities include advanced laboratories supporting all areas of mechanical, materials, and aerospace engineering. Learn more at <https://www.iit.edu/mmae>. The Armour College of Engineering comprises six departments and promotes interdisciplinary research and inclusive excellence in undergraduate and graduate education. Illinois Tech's main campus is located three miles from downtown Chicago, in proximity to a wide array of industries and national laboratories.

The application package must include (i) a cover letter, (ii) curriculum vitae, (iii) statement of research interests, (iv) statement of teaching philosophy, and (vi) contact information for five references submitted as a *single* pdf file (with file structure *lastname_firstname.pdf*) to mmmae-department@iit.edu with the subject line "Manufacturing Faculty Position". To ensure full consideration, applications must be received by September 1, 2025; however, review of applications will continue until the position has been filled.

Additional questions regarding the position should be emailed to Ms. Lee Stein at lstein1@iit.edu.

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EEO/AA Policy

Illinois Institute of Technology is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA employer committed to building a community of excellence, equity, inclusion, and diversity. It welcomes applications from individuals of all backgrounds and identities regardless of race, color, religion, sex, gender identity or expression, sexual orientation, national origin, disability, age, veteran status, or other protected classes.

Contact Information

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

Contact Lee Stein
 MMAE
 Illinois Institute of Technology
 10 W. 32nd St
 Chicago, IL 60616

Contact E-mail mmae-department@iit.edu