Assistant Professor in Mechanical Engineering - Tenure Track
University of New Haven - Tagliatela College of Engineering

Job Title	Assistant Professor in Mechanical Engineering - Tenure Track
Department	Mechanical & Industrial Engineering
Institution	University of New Haven - Tagliatela College of Engineering West Haven, Connecticut
Date Posted	Sep. 5, 2024
Application Deadline	Open Until Filled
Position Start Date	Jan. 1, 2025
Job Categories	Assistant Professor
Academic Field(s)	Mechanical Engineering
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Job Description	

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Department of Mechanical & Industrial Engineering
Tenure Track Assistant Professor in Mechanical Engineering

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The Department of Mechanical and Industrial Engineering in the Tagliatela College of Engineering (TCoE) at the University of New Haven invites applications for a tenure track assistant professor position in mechanical engineering. The expected starting date is as early as January 2025.

The department comprises 9 full time tenured/tenure track faculty, including 5 in mechanical engineering. The BSME and MSME degree programs have enrollments of about 110 and 90, respectively, while the PhD in Engineering and Applied Science program has 12 students.

Responsibilities: The successful candidate will teach undergraduate and graduate mechanical engineering courses and conduct independent and collaborative research. Candidates with interest in active and experiential learning will be considered favorably. Service to advance the Department, wider University community, and professional organizations is expected. Applications are strongly encouraged from candidates with expertise and interest in establishing research programs in predictive manufacturing, including, but not limited to, AI-based models for analyzing data and decision-making in manufacturing processes, and digital twins to enable virtual fabrication floors for optimizing and accelerating manufacturing platforms.

Qualifications

- PhD degree in Mechanical Engineering or closely related field by the date of appointment with previous research experience in advanced manufacturing. Interests in data science with expertise in additive manufacturing is desirable.
- Must have a BS in Mechanical Engineering.
- Must be strongly committed to undergraduate and graduate teaching, research, advising, and laboratory skills development. Prior experience in teaching at a university is desirable.
- Previous industrial or postdoctoral experience will be viewed favorably.
- Must be collegial and have excellent written and oral communication skills.

About the University and College: The University of New Haven, founded on the Yale campus in 1920, is a private, coeducational university situated on the coast of southern New England. It's a diverse and vibrant community of almost 10,000 students, with campuses around the country and around the world. Within its five colleges, students immerse themselves in a transformative, career-focused education across the liberal arts and sciences, fine arts, business, engineering, public safety, and public service. We offer more than 100 academic programs, all grounded in a long-standing commitment to collaborative, interdisciplinary, project-based learning. Here, the experience of learning is both personal and pragmatic, guided by a distinguished faculty who care deeply about individual

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student success. As leaders in their fields, faculty members provide the inspiration and recognition needed for students to fulfill their potential and succeed at whatever they choose to do.

The Tagliatela College of Engineering (TCoE) takes pride in providing students a well-balanced mix of hands-on education with a strong theoretical foundation that allows graduates to function effectively and confidently in the workplace. Our graduates are highly sought after and known by employers to be work-ready. Our curricula in core engineering and applied science disciplines, combined with strong interdisciplinary coursework, internships in the field, co-curricular activities, and research opportunities, enable our graduates to remain a step ahead of the competition in today's crowded job market. The TCoE is the only private engineering college in Connecticut that offers eight nationally accredited engineering and applied science programs (chemical, civil, electrical and computer, industrial, mechanical engineering, computer science, cybersecurity, and chemistry) as well as our general engineering program. The buzz is out there beyond Connecticut too as more than half of our incoming First-Year students come from out-of-state. We also serve a significant number of international and multicultural students. The TCoE is ranked in the top third of undergraduate engineering programs nationwide in its category by U.S. News & World Report.

Diversity and Inclusion: The University of New Haven is committed to diversity and inclusion in higher education. The University seeks candidates whose teaching, research and/or service has prepared them to contribute diversity and inclusion in our academic community. Applicants are asked to submit a diversity and inclusion statement explaining how their teaching, scholarship and/or service, contributes to building and supporting diverse and inclusive.

Application Process:

All information on candidates will be kept confidential. Review of applications will start immediately and continue until the position is filled. Qualified candidates should submit 1) a cover letter, 2) current curriculum vitae, 3) a concise (1 page) statement of teaching philosophy, 4) a research statement (3 pages max.) outlining both short- and long-term goals, 5) a (1 page) statement on diversity and inclusion, 6) the names of three current professional references with mailing addresses, email addresses, and telephone numbers. Applications must be submitted online at https://newhaven.hrmdirect.com/employment/job-opening.php?req=3169824#job

Contact Information

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Direct Link: https://www.AcademicKeys.com/r?job=244288

Contact

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West Haven, CT