

Assistant/Associate Professor - Mechanical Engineering
Villanova University

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Posted Oct. 15, 2025, set to expire Feb. 10, 2026

Job Title	Assistant/Associate Professor - Mechanical Engineering
Department	Mechanical Engineering
Institution	Villanova University Villanova, Pennsylvania
Date Posted	Oct. 15, 2025
Application Deadline	Open until filled
Position Start Date	August 2026
Job Categories	Associate Professor Assistant Professor
Academic Field(s)	Mechanical Engineering Manufacturing & Quality Engineering
Job Website	https://jobs.villanova.edu
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Job Description	

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Assistant/Associate Professor - Mechanical Engineering

Posting Number: 20251277F

Position Title: Assistant/Associate Professor - Mechanical Engineering

Position Type: Faculty

Location: Villanova, PA

Recruitment Type: Internal/External Applicants

Assistant/Associate Professor - Mechanical Engineering Villanova University

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applications for a tenured or tenure-track faculty position in advanced manufacturing. We seek outstanding candidates with demonstrated expertise in this research area.

We are particularly interested in candidates whose research focuses on advanced manufacturing of materials with broad applications. Areas of interest include, but are not limited to: (1) Energy-related materials and devices, (2) Biomaterials and bio-mimetic materials, (3) Electronic and functional materials, and (4) A.I.-assisted materials design and manufacturing. The appointment begins in August 2026.

Villanova is a Carnegie-classified doctoral university. From its founding in 1842 to its position today as a nationally recognized leading university, Villanova University has forged a path of academic excellence. The University is in the Philadelphia metropolitan area, home to a large concentration of universities, industries, and government labs.

The Mechanical Engineering department has 24 full-time faculty members, more than 300 undergraduate students, and over 125 graduate students, including 50 Ph.D. students. Faculty in the department are internationally recognized for their research achievements. The department is home to several research centers, including the NSF I/UCRC in Energy-Smart Electronic Systems and the Villanova Center for Analytics of Dynamic Systems. Research in the department is poised for further growth with the recent completion of a 150,000 sq. ft. expansion to Drosdick Hall, the home of the College of Engineering.

The department is committed to providing rigorous educational experience in the discipline of mechanical engineering, graduating well-rounded leaders and life-long learners, who aspire to achieving professional excellence. We are equally committed to the discovery, dissemination, advancement, and application of cutting-edge research. Inspired by the Augustinian-Catholic tradition, we value an inclusive and diverse community in which we prepare our students to demonstrate the highest ethical conduct and contribute to the well-being of humankind. The Department of Mechanical Engineering and the College of Engineering are deeply committed to supporting work-life balance and family-friendly programs for our faculty. The University has also established the Center for Faculty Leadership and Success (CFLS), supported by an NSF ADVANCE institutional transformation grant, to create meaningful learning and development opportunities for all faculty.

Villanova is a Catholic university sponsored by the Augustinian Order. The University is an equal opportunity employer and seeks candidates who understand, respect and can contribute to the University's mission and values.

Duties and Responsibilities: Primary responsibilities include developing a vibrant funded research program, collaborating nationally and internationally and with faculty in our core strength area of

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advanced manufacturing and materials, mentoring doctoral, masters, and undergraduate research students, teaching and developing manufacturing and materials-related undergraduate and graduate courses, contributing to the modernization of the manufacturing curriculum, and engaging in impactful service.

Minimum Qualifications: Required are a Ph.D. in Mechanical Engineering or a closely related field, a proven ability for high quality research, and a demonstrated commitment to teaching excellence and innovation.

Special Message to Applicants:

Please submit your applications at: <https://jobs.villanova.edu>. Application materials should include:

- a cover letter
- Curriculum Vitae
- Academic transcripts
- Statement of research interests
- Statement of teaching philosophy
- Names and contact information for three references

The review process will begin immediately and will continue until the position is filled.

Posting Date: 10/06/2025

Closing Date (11:59pm ET):

Salary Posting Information: Competitive.

Salary Band:

Job Classification: faculty

To apply, visit: <https://jobs.villanova.edu/postings/32927>

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Contact Information

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

Contact

Mechanical Engineering
Villanova University

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