

Senior Lecturer in Mechanical Engineering (Mechanics) University of Vermont

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Posted Oct. 23, 2024, set to expire Feb. 21, 2025

Job Title	Senior Lecturer in Mechanical Engineering (Mechanics)
Department	Mechanical Engineering https://www.uvm.edu/cems/me
Institution	University of Vermont Burlington, Vermont
Date Posted	Oct. 23, 2024
Application Deadline	Open until filled
Position Start Date	January OR August 2025
Job Categories	Senior Lecturer Lecturer/Instructor
Academic Field(s)	Engineering Mechanics Mechanical Engineering
Job Website	https://www.uvm.edu/cems/careers-cems
Apply Online Here	https://www.uvmjobs.com/postings/75958
Apply By Email	
Job Description	

Senior Lecturer in Mechanical Engineering (Mechanics)

The Department of Mechanical Engineering at the University of Vermont (UVM) seeks applicants for a Lecturer/Senior Lecturer position in Mechanical Engineering with an expected start date of August 18, 2025, though a start date of January 6, 2025 is preferred. Highly motivated individuals with a strong interest in undergraduate engineering education, along with relevant experience in Solid Mechanics

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and Computational Solid Mechanics, are encouraged to apply. Knowledge and expertise in Abaqus and ANSYS FEA software is highly desirable. Candidates should possess a PhD in Mechanical Engineering or a closely related field. Candidates with significant relevant experience may be considered for a Senior Lecturer appointment.

The successful candidate will teach courses spanning all levels of the Mechanical Engineering undergraduate and graduate curriculum. Lecturers are encouraged to develop new upper-level technical elective(s) in their area of interest. The College of Engineering and Mathematical Sciences and UVM prioritize pedagogical development at both the college and university levels. Courses are offered by external experts and UVM's Center for Teaching and Learning. An established IT support system supplies a robust response to queries and provides on-line references & training. The candidate will advise and mentor undergraduate students and Capstone Design teams, as well as advise graduate students should the successful candidate participate in research.

The University of Vermont, established in 1791, is a comprehensive research university with a current enrollment of 12,000+ undergraduate, graduate, and medical students. The scientific and academic environments in the Department of Mechanical Engineering, the College of Engineering and Mathematical Sciences, and throughout the UVM community are dynamic, highly collaborative, and multi-disciplinary. Reflecting our innovative and collaborative spirit, our faculty actively collaborate in their teaching and research with faculty in other UVM Colleges and Schools, plus the UVM Medical Center shares our campus. UVM is home to the Vermont Advanced Computing Center, which provides large-scale advanced computing infrastructure. The Department of Mechanical Engineering houses the recently established Ski Safety Mechanics Lab. The successful candidate will be joining UVM following a period of unprecedented growth that has led to the successful completion of world-class STEM facilities, and the development of ABET-accredited BS degree, and MS and PhD degrees in Mechanical Engineering.

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The University is located in Burlington, Vermont, and enjoys a panoramic setting on the shores of Lake Champlain, between the Green Mountains of Vermont and the Adirondack Mountains of New York. Burlington, a city of 43,000 in a metropolitan area of 214,000, is often rated as one of the best small cities in America. Widely known for its music and food scene as well as its outdoor and adventure lifestyle (Outside Magazine and National Geographic), Burlington has also been hailed as a top technology hub (Forbes) and a city of the future (Business Insider). Furthermore, Burlington's vibrant entrepreneurial and high-technology ecosystem has been recognized by the National Science Foundation's US Ignite program, the national TechHire City network, and the Kauffman Foundation. While located in the idyllic rural state of Vermont, our frontier paradise is only a two-hour drive to Montreal and a four-hour drive to Boston. In addition, Burlington International Airport offers direct flights to numerous North American destinations.

UVM is especially interested in candidates who can contribute to the diversity and inclusive excellence of the academic community through their teaching, service and research, scholarship, or creative arts. We are an educationally purposeful community seeking to prepare students to be accountable leaders in a diverse and changing world. Members of the UVM community embrace and advance the values of Our Common Ground: Openness, Respect, Responsibility, Integrity, Innovation, and Justice. The successful candidate will demonstrate a strong commitment to the ideals of accessibility, inclusiveness, and academic excellence as reflected in the tenets of Our Common Ground. To that end, candidates must provide a statement on how, as a faculty member in the department of Mechanical Engineering, they would enhance the impact of Our Common Ground Values, advance diversity and inclusive excellence at UVM, and among the populations we serve.

UVM is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other category legally protected by federal or state law.

Applications must be submitted online at www.uvmjobs.com (position 00023129). Applicants should provide 1) a cover letter that highlights their relevant experience, 2) a 1- page statement describing their teaching philosophy, 3) a statement on how, as a Faculty member in the department, you would enhance the impact of Our Common Ground Values, advance diversity and inclusive excellence at UVM, and among the populations we serve 4) a current CV, and 5) the names and contact information for three references (these must be entered into the application system by candidates and requests for references will be managed by the application system). Applications without each of these components will not be considered. Applications will be reviewed on a rolling basis, and applicants are encouraged to submit their applications by November 1, 2024. To be considered for a January 6, 2025 start date,

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applicants should submit their applications by October 21, 2024. A background check will be conducted on each final candidate and salary will be made at a level appropriate to the successful applicant's qualifications and experience. For further information, please contact Dr. Rachael Floreani, Associate Professor of Mechanical Engineering, at floreani@uvm.edu.

EEO/AA Policy

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Contact Information

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

Contact Dr. Rachael Floreani
Department of Mechanical Engineering
College of Engineering and Mathematical Sciences
Votey Hall
33 Colchester Avenue
Burlington, VT 05405

Contact E-mail floreani@uvm.edu