

## Senior Lecturer Position in Intelligent Manufacturing University of Vermont

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Downloaded On: Nov. 21, 2024 1:37pm

Posted Oct. 25, 2024, set to expire Feb. 23, 2025

<b>Job Title</b>	Senior Lecturer Position in Intelligent Manufacturing
<b>Department</b>	Mechanical Engineering Department <a href="https://www.uvm.edu/cems/me">https://www.uvm.edu/cems/me</a>
<b>Institution</b>	University of Vermont Burlington, Vermont
<b>Date Posted</b>	Oct. 25, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Fall 2025
<b>Job Categories</b>	Senior Lecturer
<b>Academic Field(s)</b>	Mechanical Engineering Manufacturing & Quality Engineering Industrial & Systems Engineering
<b>Job Website</b>	<a href="https://www.uvm.edu/cems/careers-cems">https://www.uvm.edu/cems/careers-cems</a>
<b>Apply Online Here</b>	<a href="https://www.uvmjobs.com/postings/76084">https://www.uvmjobs.com/postings/76084</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

### Senior Lecturer Position in Intelligent Manufacturing

The College of Engineering and Mathematical Sciences (CEMS) at the University of Vermont (UVM) invites applications for a highly motivated full-time Lecturer/Senior Lecturer (non-tenure track position) in Intelligent Manufacturing for Fall 2025. Candidates must have a graduate degree in mechanical engineering, industrial engineering, systems engineering, or a closely related field, and industrial manufacturing experience, ideally combined with university-level teaching experience. The ideal

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candidate will also have curriculum development experience and the passion to finalize and lead the new Undergraduate Certificate in Manufacturing Engineering Principles. Candidates with significant relevant experience may be considered for a Senior Lecturer appointment.

The successful candidate will:

- - Educate the next generation of engineers in hands-on intelligent manufacturing.
- - Employ project-based and active learning methods.
- - Serve as an academic advisor to undergraduate students.
- - Engage in professional development activities to maintain currency in their field.
- - Provide support for curriculum tracking and program instructional planning.
- - Drive continuous improvement in the profession and the Department, College, and University through service activities.
- - Teach and create undergraduate courses such as Automation, Modern Manufacturing Processes, Digital Manufacturing, Additive Manufacturing, and other courses.
- - Lead and supervise the FabLab, the CEMS makers' lab which gives CEMS students access to 3D printers, laser cutting machine, and soldering.
- - Design, build and supervise a new intelligent manufacturing laboratory to support the undergraduate manufacturing certificate.

The ideal candidate will successfully bring engineering best practices into the classroom with innovative pedagogical approaches in their applications. 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 online references & training.

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. 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.

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

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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, 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](http://www.uvmjobs.com) (position 00021235). Applicants should provide:

- 1) Cover letter that highlights their relevant experience
- 2) 1-page statement describing their teaching philosophy
- 3) A statement on how, as a faculty member in the department of Mechanical Engineering, you would enhance the impact of Our Common Ground Values, advance diversity and inclusive excellence at UVM, and among the populations we serve.
- 4) Current CV

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5) 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 December 15, 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. Yves Dubief (ydubief@uvm.edu), Search Committee Chair.

### **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. Yves Dubief  
Department of Mechanical Engineering  
College of Engineering and Mathematical Sciences  
Votey Hall  
33 Colchester Avenue  
Burlington, VT 05405

**Contact E-mail** ydubief@uvm.edu