

**Assistant Teaching Professor - Nuclear Engineering**  
**University of Massachusetts Lowell**

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Posted Dec. 12, 2025, set to expire Apr. 26, 2026

<b>Job Title</b>	Assistant Teaching Professor - Nuclear Engineering
<b>Department</b>	Chemical Engineering
<b>Institution</b>	University of Massachusetts Lowell Lowell, Massachusetts
<b>Date Posted</b>	Dec. 12, 2025
<b>Application Deadline</b>	September 2026
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Lecturer/Instructor Assistant Professor
<b>Academic Field(s)</b>	Nuclear Chemical/Petroleum
<b>Apply Online Here</b>	<a href="https://explorejobs.uml.edu/en-us/job/529255/assistant-teaching-professor-nuclear-engineering">https://explorejobs.uml.edu/en-us/job/529255/assistant-teaching-professor-nuclear-engineering</a>
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**Job Description**

The Department of Chemical Engineering of the Francis College of Engineering (FCOE) at the University of Massachusetts Lowell (UMass Lowell) invites applications for a full-time, non-tenure-track Assistant Teaching Professor in Nuclear Engineering, starting September 1, 2026. This position is part of the FCOE's growing Nuclear Engineering Program.

The successful candidate will join the department and college faculty and will be responsible for teaching undergraduate and/or graduate courses, advising students majoring in nuclear engineering, contributing to curriculum development and student success initiatives, and participating in other

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service activities such as student recruiting and outreach events. Teaching faculty play a crucial role in promoting the department's educational mission, engaging students in experiential learning, and fostering a diverse and inclusive academic community.

**Minimum Qualifications (Required):**

- Ph.D. in Nuclear Science and Engineering, Chemical Engineering, or a closely related field at the time of appointment.
- Demonstrated experience teaching essential nuclear engineering courses (e.g., reactor theory, reactor engineering, reactor design) to a diverse student body.
- Experience with nuclear instrumentation, research reactors, teaching experiments, as well as online education and course management systems, will be considered an advantage.
- Ability to teach Chemical Engineering courses (e.g., numerical methods, heat transfer, fluid mechanics, transport phenomena, thermodynamics, etc.).
- Experience using technology in teaching, including nuclear design codes, programming, and artificial intelligence.
- Experience mentoring students from a variety of cultural and academic backgrounds.

**Additional Considerations:**

- Experience developing or teaching laboratory-based courses using research reactors, radiation detection, or nuclear instrumentation.
- Experience using and teaching with contemporary nuclear engineering tools standard in academia, industry, and national laboratories (e.g., OpenMC, MCNP, MOOSE, SERPENT) as part of simulation, design, or data-driven coursework.
- Experience with online or hybrid instruction and course management systems.

**Special Instructions to Applicants:**

This is a full-time, benefited Massachusetts Society of Professors/MTA/NEA union position. Anticipated salary range of \$75,000 - \$110,000 based on Assistant Teaching Prof. rank and qualifications.

Review of applications will begin immediately and continue until the position is filled. However, the position may close when an adequate number of qualified applications is received.

Please include the following required documents with your application:

- Curriculum vitae
- Cover letter

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- Teaching sample
- Teaching Statement/Philosophy
- Inclusivity statement
- Names and contact information of three references will be required during the application process (please do not send recommendation letters).

**EEO/AA Policy**

The University of Massachusetts Lowell welcomes all qualified applicants and complies with all state and federal anti-discrimination laws.

**Contact Information**

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

**Contact**

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