

**Assistant Professor - Nuclear Engineering
University of Toronto**

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Posted Oct. 7, 2025, set to expire Feb. 6, 2026

Job Title	Assistant Professor - Nuclear Engineering
Department	Chemical Engineering & Applied Chemistry https://chem-eng.utoronto.ca/
Institution	University of Toronto Toronto, Ontario
Date Posted	Oct. 7, 2025
Application Deadline	Jan. 15, 2026
Position Start Date	Jul. 1, 2026
Job Categories	Assistant Professor
Academic Field(s)	Chemical/Petroleum Nuclear
Apply Online Here	https://jobs.utoronto.ca/job/Toronto-Assistant-Professor-Nuclear-Engineering-ON/59637581/

Apply By Email

Job Description

The Department of Chemical Engineering & Applied Chemistry in the Faculty of Science & Engineering at the University of Toronto invites applications for a full-time tenure stream position in Nuclear Engineering. The appointment will be at the rank of Assistant Professor, tenure stream with an anticipated start date of July 1, 2026.

Candidates must have earned a PhD degree in Chemical Engineering or a related field by the time of appointment, must hold a baccalaureate degree in Chemical Engineering or an equivalent discipline, and must demonstrate a record of excellence in both research and teaching. We seek candidates whose research and teaching interests complement and enhance our existing [departmental strengths](#)

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in areas such as modern nuclear reactor design (fission, fusion, and small modular reactors), transport phenomena in nuclear reactors, thermal hydraulics, molten salt chemistry, thermodynamics, and processing, nuclear chemistry, AI-assisted modeling and simulation of nuclear energy systems, nuclear safety and waste management, and hybrid nuclear-renewable systems. The successful candidate will be expected to pursue innovative and independent research, establish an outstanding, competitive, and externally funded research program, and teach in the chemical engineering curriculum at the undergraduate and post-graduate level. We will prioritize candidates who demonstrate the ability to sustain and lead innovative research that will advance the global frontiers of knowledge, rather than only their specialization area. Collaborative and inter-disciplinary research and collegial interaction will be important elements in success. Eligibility to register as a Professional Engineer in Ontario is a requirement.

Candidates must provide evidence of research excellence which can be demonstrated by a record of publications in top-ranked and field relevant journals or forthcoming publications meeting high international standards, the submitted research statement, presentations at significant conferences, awards and accolades, and strong endorsements from referees.

Evidence of excellence in teaching will be demonstrated by teaching accomplishments, and the teaching dossier, including a teaching statement, sample course materials, and teaching evaluations or other evidence of superior performance in teaching-related activities submitted as part of the application, as well as strong letters of reference. Other teaching-related activities can include performance as a teaching assistant or course instructor, experience leading successful workshops or seminars, student mentorship, or excellent conference presentations or posters.

Salary will be commensurate with qualifications and experience.

The Department of Chemical Engineering & Applied Chemistry at the University of Toronto is committed to its vision statement: "Through leading edge research and innovation, we integrate chemistry, biology and engineering to drive solutions to global challenges in energy, the environment and health". For more information on the Department of Chemical Engineering & Applied Chemistry, please visit www.chem-eng.utoronto.ca.

All qualified candidates are invited to apply online by clicking the link below. Applicants must submit a cover letter; a current curriculum vitae; a research statement outlining current and future research interests; a recent writing sample; a teaching dossier including a teaching statement, sample course materials, and teaching evaluations or evidence of superior performance in other teaching-related activities as listed above; and an EDI statement as described below.

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Equity, diversity and inclusion are essential to academic excellence as articulated in University of Toronto's [Statement on Equity, Diversity and Excellence](#). Applicants are required to submit an EDI statement demonstrating their commitment and efforts to advance equity, diversity, inclusion, and the promotion of a respectful and collegial learning and working environment.

Applicants must provide the name and contact information of three references. The University of Toronto's recruiting tool will automatically solicit and collect letters of reference from each referee within 48 hours after an application is submitted. Applicants remain responsible for ensuring that referees submit recent letters (on letterhead, dated and signed) by the closing date. More details on the automatic reference letter collection, including timelines, are available in the [candidate FAQ](#).

Submission guidelines can be found at <http://uoft.me/how-to-apply>. Your CV and cover letter should be uploaded into the dedicated fields. Please combine additional application materials into one or two files in PDF/MS Word format. If you have any questions about this position, please contact chair.chemeng@utoronto.ca.

All application materials, including recent reference letters, must be received by 11:59 pm EST, January 15, 2026.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Diversity Statement

The University of Toronto embraces Diversity and is building a culture of belonging that increases our capacity to effectively address and serve the interests of our global community. We strongly encourage applications from Indigenous Peoples, Black and racialized persons, women, persons with disabilities, and people of diverse sexual and gender identities. We value applicants who have demonstrated a commitment to equity, diversity and inclusion and recognize that diverse perspectives, experiences, and expertise are essential to strengthening our academic mission.

As part of your application, you will be asked to complete a brief Diversity Survey. This survey is voluntary. Any information directly related to you is confidential and cannot be accessed by search committees or human resources staff. Results will be aggregated for institutional planning purposes. For more information, please see <http://uoft.me/UP>.

Accessibility Statement

The University strives to be an equitable and inclusive community, and proactively seeks to increase diversity among its community members. Our values regarding equity and diversity are linked with our

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unwavering commitment to excellence in the pursuit of our academic mission.

The University is committed to the principles of the Accessibility for Ontarians with Disabilities Act (AODA). As such, we strive to make our recruitment, assessment and selection processes as accessible as possible and provide accommodations as required for applicants with disabilities.

If you require any accommodations at any point during the application and hiring process, please contact uoft.careers@utoronto.ca.

Click [here](#) to apply.

Contact Information

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

Contact

Chemical Engineering and Applied Chemistry
University of Toronto
Toronto, ON
Canada

Contact E-mail chair.chemeng@utoronto.ca