



Indigenous.Link

Canada's fastest growing Indigenous career portal, Careers.Indigenous.Link is pleased to introduce a new approach to job searching for Indigenous Job Seekers of Canada. Careers.Indigenous.Link brings simplicity, value, and functionality to the world of Canadian online job boards.

Through our partnership with Indigenous.Links Diversity Recruitment Program, we post jobs for Canada's largest corporations and government departments. With our vertical job search engine technology, Indigenous Job Seekers can search thousands of Indigenous-specific jobs in just about every industry, city, province and postal code.

Careers.Indigenous.Link offers the hottest job listings from some of the nation's top employers, and we will continue to add services and enhance functionality ensuring a more effective job search. For example, during a search, job seekers have the ability to roll over any job listing and read a brief description of the position to determine if the job is exactly what they're searching for. This practical feature allows job seekers to only research jobs relevant to their search. By including elements like this, Careers.Indigenous.Link can help reduce the time it takes to find and apply for the best, available jobs.

The team behind Indigenous.Link is dedicated to connecting Indigenous Peoples of Canada with great jobs along with the most time and cost-effective, career-advancing resources. It is our mission to develop and maintain a website where people can go to work!

Contact us to find out more about how to become a Site Sponsor.

Corporate Headquarters:

Toll Free Phone: (866) 225-9067

Toll Free Fax: (877) 825-7564

L9 P23 R4074 HWY 596 - Box 109

Keewatin, ON P0X 1C0

Job Board Posting



Careers.Indigenous.Link

Date Printed: 2024/05/13

Fluid Mechanics Lab Technician

Job ID	379719-1-2806	
Web Address	https://careers.indigenous.link/viewjob?jobname=379719-1-2806	
Company	Toronto Metropolitan University	
Location	Toronto, ON	
Date Posted	From: 2024-02-13	To: 2050-01-01
Job	Type: Part-time	Category: Education

Description

About Toronto Metropolitan

At the intersection of mind and action, Toronto Metropolitan University (TMU) is on a transformative path to become Canada's leading comprehensive innovation university. Integral to this path is the placement of equity, diversity and inclusion as fundamental to our institutional culture. Our current academic plan outlines each as core values and we work to embed them in all that we do. TMU welcomes those who have demonstrated a commitment to upholding the values of equity, diversity, and inclusion and will assist us in realizing the benefits of embedding these values into the work at every level and in every unit of the university. In addition, to correct the conditions of disadvantage in employment in Canada and to bring lived experiences to the work, we encourage applications from members of equity deserving groups that have been historically disadvantaged and marginalized, including First Nations, Metis and Inuit Peoples in Canada, First Nations Peoples in the United States, racialized people, Black people, persons with disabilities, women, and 2SLGBTQ+ people. Preference will be given to candidates with lived experiences as people from equity deserving groups, as well as experience working with these communities with which the University works every day. Please note that all qualified candidates are encouraged to apply and we welcome newcomers and immigrants to Canada. In April 2022, the university announced its new name of Toronto Metropolitan University. Learn more about our next chapter. The team

The Department of Mechanical, Industrial, and Mechatronics Engineering offers a cutting edge graduate program leading to a Doctor of Philosophy (PhD) degree, a Master of Applied Science (MAsc) degree or a Master of Engineering (MEng) degree for students who are seeking advanced study in a professionally based, applied program that provides opportunities for research in Thermofluids, Manufacturing, Materials, Solid Mechanics, and Industrial Engineering.

The Opportunity

The Department of Mechanical, Industrial, and Mechatronics Engineering is looking for a Fluid Mechanics Lab Technician to operate and maintain a scientific or technical teaching lab in support of faculty programs. The successful candidate will instruct and facilitate assigned classes under faculty supervision, ensuring the safe and efficient operation of the lab, providing technical support and advice to students regarding equipment, experiments and thesis projects. Responsibilities will include:

- To facilitate laboratory classes
- To provide technical direction and guidance to students, staff and faculty
- To support scholarly research and other tasks as required
- To coordinate the daily operations of the lab
- To assemble apparatus for experiments and dismantling after the laboratory session
- To calibrate tools and equipment and record the maintenance history of all tools and equipment, including future reviews and updates
- To conduct tours of the laboratory facility for prospective students, donors, accreditation bodies, researchers, funding institutions, etc.
- To assign tasks to TAs / GAs and may demonstrate proper operation and or calibration of equipment and tools

- To coordinate and arrange disposal of hazardous waste for the department

Qualifications

- Successful completion of a post-secondary degree program in a scientific or technical field relevant to the academic faculty/department and a minimum of 3 years of experience in a scientific or technical field/laboratory environment relevant to the academic faculty/department (preference in a machine shop) that includes experience overseeing students/researchers' work, operating a lab facility with advanced knowledge and application of laboratory technology in order to facilitate classes and to provide technical support and expertise to students and faculty are required.
- Demonstrated experience in providing technical guidance and support, such as conducting demonstrations on the use of equipment and instrumentations, providing technical direction on research, design assignments, and designing and fabricating prototypes of experimental apparatus based on general design conceptualized by faculty and students and preparing user guides and instructional manuals.
- Demonstrated knowledge and application of health and safety principles in a laboratory setting, including training, supervision, evaluation of students, staff and faculty.
- Experience in contributing to purchasing decisions, including research, analysis and recommendation of equipment, materials and instrumentations for lab use and communicating with suppliers to negotiate the best prices.
- Strong research and analytical skills.
- Solid oral and written communication skills for report writing, developing user guides, delivery of presentations/demonstrations.
- Strong commitment to teamwork, interpersonal and client service, especially to faculty, staff and students.
- Ability to be on site on a full-time basis.

Additional Information

Position Number(s) 20003510

Reports To Technical Manager

Department Department of Mechanical, Industrial, and Mechatronics Engineering

Vacancy Type FTCE

Employee Group OPSEU

Work Location On-campus

Start Date ASAP

End Date N/a

Hours of Work 36.25

Grade 13

Salary Scale \$81,311.86 - \$103,003.41

Hiring Salary Range Up to \$88,851.66

TA Specialist -

Posting Date February 29, 2024

Application Close Date March 31, 2024

Additional Notes:

- An equivalent combination of education and experience may be considered.
- Applicants who do not meet all of the posted qualifications may, upon the University's sole discretion, be considered to fill a vacancy on an underfill basis.
- Candidates must have a demonstrated record of dependability/reliability and a commitment to maintain confidentiality.
- We encourage all First Nations, Metis and Inuit peoples or Indigenous peoples of North America, to self-identify in their applications.

As part of the selection process, candidates may be required to complete an occupational assessment. Applications will only be accepted online through Toronto Metropolitan University's career site. Toronto Metropolitan University is committed to the principles of the Accessibility for Ontarians with Disabilities Act (AODA), and aims to ensure that independence, dignity, integration and equality of opportunity are embedded in all aspects of the university culture.

We will provide an accessible experience for applicants, students, employees, and members of the Toronto Metropolitan University community. We are committed to providing an inclusive and barrier-free work environment, beginning with the recruitment process. If you have restrictions that need to be accommodated to fully participate in any phase of the

recruitment process, please submit your request through the AskHR webform. All information received in relation to accommodation will be kept confidential.

For more information, visit [Toronto Metropolitan University for Fluid Mechanics Lab Technician](#)