

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

NOTICE RE: GRADUATE ASSISTANT (GA) POSITIONS AVAILABLE FOR FALL TERM 2025

In accordance with Article 12:01 of the CUPE 4580 Collective Agreement the Department of Civil and Environmental Engineering invites applications for the following GA positions for Fall term 2025.

All positions are subject to sufficient enrolment and final budgetary approval.

<u>Course # and course name</u>	<u>E=Essential Qualifications</u> <u>P=Preferred Qualifications</u>	<u># of projected positions and # of hours per position</u>	<u>Duration of position</u>
GENG 1101 - 1,2, 51, 52 Engineering 1 Dr. R. Carriveau		8 GAs for 140 hours	Sept. 4, 2025 to Dec.31, 2025
GENG 2101 – 1,2 , 51, 52 Engineering 2 Dr. E. Tam; Dr. L. Miller-Branovacki		7 GAs for 140 hours	Sept. 4, 2025 to Dec.31, 2025
GENG 2180 – 1, 51 Mechanics of Deformable Bodies Dr. F. Gherib	<ul style="list-style-type: none"> • Must have taken the course or similar courses (E) • Knowledge of the Solid Mechanics laboratory equipment (P) 	4 GAs for 140 hours	Sept. 4, 2025 to Dec.31, 2025
GENG 8020 Engineering Project Management Dr. L. Miller-Branovacki; Dr. W. Polies	<ul style="list-style-type: none"> • Has taken this course and/or been a GA for it (P) • PMP certificate (P) • Research in the PM field (P) 	3 GAs for 140 hours	Sept. 4, 2025 to Dec.31, 2025
CIVL – 2200 – 1, 51 Civil Engineering Information Systems TBA		1 GA for 140 hours	Sept. 4, 2025 to Dec.31, 2025
CIVL 3510 – 1, 51 Fluid Mechanics Dr. R. Balachandar	<ul style="list-style-type: none"> • Must have completed advanced Fluid Mechanics courses (E) • Must have experience working in a lab setting (E) • Potential GA candidate will be interviewed to determine their 	2 GAs for 140 hours	Sept. 4, 2025 to Dec.31, 2025

	level in fluid mechanics knowledge and familiarity with lab procedures (E)		
CIVL 3530 – 1, 51 Structural Analysis Dr. S. Cheng	<ul style="list-style-type: none"> • PhD students in Structural Engineering who scored at least 80% in Structural Analysis (or an equivalent course) (E) • Has GA experience in this or similar courses (P) 	1 GA for 140 hours	Sept. 4, 2025 to Dec.31, 2025
CIVL 3540 – 1, 51 Concrete Design Dr. F. Gherib	<ul style="list-style-type: none"> • Must have taken the course or similar courses (E) • Familiar with the CSA/A23.3 standard (E) • Familiar with the NBC-2020 code (P) 	2 GAs for 140 hours	Sept. 4, 2025 to Dec.31, 2025
CIVL 3650 – 1,51 Transportation Traffic Engineering Dr. H. Maoh		1 GA for 140 hours	Sept. 4, 2025 to Dec.31, 2025
CIVL 8210 Finite Element Methods for Solids and Structures Dr. F. Gherib		1 GA for 70 hours	Sept. 4, 2025 to Dec.31, 2025
CIVL 8330 Structural Dynamics Dr. S. Cheng		1 GA for 70 hours	Sept. 4, 2025 to Dec.31, 2025
CIVL 8360 Earthquake Engineering Dr. N. Van Engelen	<ul style="list-style-type: none"> • Background in structural engineering (E) • Experience with structural dynamics (i.e., research topic in this area or past courses in structural dynamics) (E) • Experience with Matlab (E) • Experience in earthquake engineering (P) 	1 GA for 70 hours	Sept. 4, 2025 to Dec.31, 2025
CIVL 8900 – 22 Hydrology Concepts and Applications TBA		1 GA for 70 hours	Sept. 4, 2025 to Dec.31, 2025

CIVL 8900 – 36 Road Safety Analysis TBA		1 GA for 140 hours	Sept. 4, 2025 to Dec.31, 2025
CIVL 8900 – 41/41A Can. Codes/Modern Tools Dr. W. Polies	<ul style="list-style-type: none"> • Must have experience with STAAD.Pro or other structural analysis and design software (E) • Has been a GA for the course and/or has taken this course (P) • Practical work experience in Structural Analysis & Design (P) 	2 GAs for 140 hours	Sept. 4, 2025 to Dec.31, 2025
CIVL 8900 – 45 Comprehensive Topics in Civil and Structural Engineering Dr. W. Polies	<ul style="list-style-type: none"> • Must have taken a structural analysis course (E) • Been a GA for structural analysis (P) • A major in Structural Engineering (P) 	1 GA for 140 hours	Sept. 4, 2025 to Dec.31, 2025
CIVL/ENVE 8900-60 Sustainable Municipal Infrastructure Dr. L. Miller-Branovacki		1 GA for 140 hours	Sept. 4, 2025 to Dec.31, 2025
ENVE 3510 – 1, 51 Thermodynamics Dr. A. Asfour		1 GA for 70 hours	Sept. 4, 2025 to Dec.31, 2025
ENVE 3521 – 1, 51 Environmental Chemistry and Microbiology Dr. J. Lalman		1 GA for 70 hours	Sept. 4, 2025 to Dec.31, 2025
ENVE 8300/CIVL 8900- 43 Water Pollution Control Dr. N. Biswas	<ul style="list-style-type: none"> • Must have a strong background in water/wastewater treatment (E) • Must have taken course equivalent to ENVE 3630 at the undergraduate level with emphasis on design (E) 	1 GA for 70 hours	Sept. 4, 2025 to Dec.31, 2025
ENVE 8370 Kinetics Dr. A. Asfour		1 GA for 70 hours	Sept. 4, 2025 to Dec.31, 2025
ENVE/CIVL 8620 Contaminants Fate and Transport in the		1 GA for 70 hours	Sept. 4, 2025 to Dec.31, 2025

Environment Dr. R. Seth			
ENVE/CIVL 8900 - 28 Energy and Sustainability Dr. J. Lalman		1 GA for 70 hours	Sept. 4, 2025 to Dec.31, 2025

*Two 70-hour assignments may be combined into a single 140-hour contract, as needed

Refer to the timetable (www.uwindsor.ca/registrar/timetable-information) for class and exam hours and location.

Expected GA duties:

Projected duties are in accordance with article 14:03.

Assistants cannot commence their GA/TA duties until email confirmation of the approval of their contract is received from Human Resources (email titled “Authorization to Commence GA/TA Duties”).

GA employees are expected to make themselves available to report for all assigned duties, **both in-person/on-campus and remote/online duties**. Most classes across the University are held face-to-face on campus, and even online classes may require on-campus face-to-face duties.

Eligibility requirements:

Successful applicants must be available to attend at the specified time of the course/lab/exams as well as to report for all assigned duties, which may include both in-person/on-campus and remote/online duties;

GA appointments will be offered to qualified applicants in accordance with the criteria specified in Article 12:03 of the CUPE4580 Collective Agreement.

To be eligible for a Graduate Assistantship you must be a **registered fulltime graduate student**:

- must be registered for the term of work at the time of hiring
- must maintain **fulltime** registration throughout the term and must be in good standing in the degree program
- must be legally eligible to work in Canada on campus with a valid social insurance number and a valid study permit.
- must have access to a computer with a reliable internet connection

GA appointments cannot exceed **140 hours total for the Fall term period (Sept. 1st to Dec 31st)**. Refer to Articles 12, 13, and 14 of the CUPE 4580 Collective Agreement for eligibility details.

Required essential qualifications:

Successful applicants must meet all essential qualifications. Requirements specific to each course/position are identified in the table above; the following are additional requirements applicable to all positions:

- GAs applicants must be proficient in comprehending and composing written English and in communicating orally in English
- must be available during class lectures and tutorials, to help with the classes
- Brightspace and MS Teams Knowledge or be able to acquire knowledge through training

Application forms are available from the following webpage: [Assistantships | Civil and Environmental Engineering \(uwindsor.ca\)](http://www.uwindsor.ca/Assistantships)

Completed applications must be submitted via email to: Elizaveta Gorshkova, Graduate Secretary, The Department of Civil and Environmental Engineering, at gradsecycee@uwindsor.ca

Please submit a copy of your transcripts along with your application.

For any questions please contact: gradsecycee@uwindsor.ca

Deadline for receiving applications: Tuesday, July 22nd, 2025, no later than 4:30 pm

Note that Graduate Assistants must apply each term by the application deadline, in accordance with Article 13:

"With respect to those students who have applied for and been accepted for Assistantships, the Assistant will not be paid for any shortfall of hours at the end of their respective program, provided the University has satisfied its obligation to post available positions each term in writing and on the AAU website and to offer the minimum terms of support in accordance with Article 13:01 (a) & (b) **and provided that the Assistant has applied in writing or via e-mail by the application deadline for each term until they have received the minimum terms of support in accordance with Article 13:01 (a) & (b).**"

In pursuit of the University of Windsor's Employment Equity Plan, members from the designated groups (Women, Aboriginal Peoples, Visible Minorities, Persons with Disabilities, and Members of Sexual Minorities) are encouraged to apply.

Date posted: Tuesday, July 15th, 2025