TEACHING ASSISTANT/MARKER/DEMONSTRATOR POSTING DALHOUSIE UNIVERSITY, Halifax, Nova Scotia, Canada

POSTING DATE: August 3/23

APPLICATION DEADLINE: August 11/23 POSITION: Teaching Assistant/Marker/Demonstrator

DEPARTMENT/LOCATION: Civil and Resource Engineering

PAY RATE: Wages and Teaching Assistant categories as per C.U.P.E. Collective Agreement

WORK ASSIGNMENT: To be agreed upon by employer and employee as per C.U.P.E. Agreement (*marker hours listed below are estimates, therefore, subject to change*)

GENERAL REQUIREMENTS OF POSITION (Fall 2023 courses will be offered predominantly in-person):

- Demonstrated knowledge and experience in subject area
- Experience with on-line communications and platforms, such as Brightspace, MS Teams, Collaborate Ultra, Microsoft Teams
- Demonstration of excellent work ethic in meeting TA/Marker job descriptions
- Excellent verbal and written communication skills
- Knowledge of Canadian codes and practices will be required for some courses
- Up-to-date knowledge of course labs and safety protocols in place

To assist in the application process students are asked to rank, in order of preference, the Undergraduate Courses they wish to and are capable of assisting. Please consult the undergraduate course list below to determine which courses will be offered this term that best suit your background and interests. Final selection of Teaching Assistantship assignments will be done in consultation with individual instructors.

Course Number	Title	Position(s)	Professor
CIVL 3830.03 Geomatics TA65; 2 TA45; TA25 Mr. P. Burgess			
(Requirements: pre	evious surveying course (or equ	uivalent). Knowledge/experience in using CIVL3D	software)
CIVL 3101.03	Soil Mechanics	TA90; 3 TA45	Dr. C. Lake
(Requirements: previous soil mechanics course (or equivalent)			
(Desirea: Graauau	e stuates in geotecnnical engin	TADO: TACE: 2 Markey 50	vious 1A Position)
CIVL 3300.03	Hydraunes	1A90; 1A05; 2 Marker 50	Dr. B. Kurylyk
(Requirements: Graduate studies in water resources engineering preferred)			
CIVL 3451.03	Water Quality	TA65; TA90; 2 Marker 50	Dr. A. Stoddart
CIVL 3505.03	Structural Sys I	TA90; 2 Marker 50	Dr. Hany El Naggar
(Requirements: familiarity with the National Building Code of Canada and knowledge of the use of the program SFrame)			
CIVL 3705.03	Mechanics	2 TA65; 2 Marker 50	Dr. K. Tousignant
(Requirements: has previously completed a structural mechanics course (i.e., CIVL 3/05 or equivalent)			
(Desirea: Graauau CIVI 4111 03	Cootoobrical	The second strated projessionalism in previo	Dr. H. El Naggar
(Paquiraments: Fr	Geolecinical	1A45; 1A90; 2 Marker 50	DF. H. EI Naggar
CIVI A11A 03	Applied Pock Mechanics	TAA5	Dr N Bahrani
CIVE 4114.03 CIVE 4250.03	Highway Eng	TA 45. Marker 50	Dr. N. Ali/P. Burgess
CIVL 4250.05 CIVL /FNVF 44	111ghway Eng. 10.03 Wastawatar	2 TA65. TA35	Dr. M. Walsh
CIVL 4421.02	Water Dist	Z 1A05, 1A55	
CIVL 4431.03	water Dist		Mr. D. Bell
(Requirements: fan	iliarity with Design Specifica	tions for Water Dist. & Sewerage Systems' (code	of Halifax Water))
CIVL 4515.03	Concrete	1A90; 1A 45; 2 Marker 50	Dr. P. Sadegnian
(Requirements: familiarity with the following Canadian Codes: The current National Building Code of Canada, CSA A25.5 Design of Concrete Structures, and familiarity with the CAC Concrete Design Handheek)			
CIVI. 4525 03	Steel	TA90. 7 Marker 50	Dr. K. Tousignant
(Requirements: fan	niliarity with the following Ca	nadian codes: The current National Building Cod	de of Canada CSA S16 Design of Steel Structures
and knowledge of the use of the program SFrame)			
CIVL 4542.03	FEM	TA65; Marker 50	Dr. F. Oudah
(Requirement: TA	and marker should have succe	essfully completed a finite element course. TA sho	nuld have knowledge/experience in using SAP2000
software)			
CIVL 4811.03/471	1.02 Construction	TA35; 2 Marker 50	Dr. N. Ali/L. Morrison
(Preference will be	given to those applicants who	have completed CIVL 4711 or equivalent)	
CIVL 4702.02/4	401.03 Senior Project	TA65	Dr. Y. Liu
(Requirement: familiarity with tools and functions of Brightspace platform, including assessment, grading, and interactive features)			
ENVE 3251.03	Microbiology	TA65; TA35	Dr. L. Boutilier
ENVE 3461.03	Measurement	TA90	Dr. L. Somers
ENVE 4401.03	Design Project	TA45	Dr. M. Walsh
ENVE 4641.03	Contaminant Fate	TA90	Dr. L. Boutilier
ENVE 4772.03	Env Assessment	2 TA45	Dr. L. Liu
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MINE 4300.03	Opt. Mtds	TA65	Dr. L. Liu
MINE 4750.03	Sr Design Proj	1A45	Dr. N. Bahrani
MINE 4801.03	Rock Mechanics	TA45	Dr. S. Zou
(Requirements: must be knowledgeable in rock mechanics, underground mining, stress measurement methods, numerical modeling basics and be			
juminar with Rescience software package. I reference will be given in the jollowing sequence, mose who have taken this course with accentable grades			
will be considered	only if there is no other candid	i aacquate knowledge. Ondergraduate stadents v late)	no nuve iuken inis course with acceptable grades
MINE 4815.03	Mining & Envir	TA35	Ms. M. Matthew
(Requirements: students must have completed MINE2200 and MINE4815, or the equivalents)			
MINE 4835.03	Mineral Economics	TA35	Dr. S. Balideh
MINE 4821.03	Petroleum Res. Eng.	TA35	Dr. D. Garagash
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CIVL/ENVE/MINE - Work terms

2 Marker 40

Dr. D. Garagash Dr. L. Liu

IF YOU ARE INTERESTED IN THE ABOVE POSITIONS, PLEASE COMPLETE THE REQUIRED APPLICATION FORM BY THE APPLICATION DEADLINE AND E-MAIL TO: <u>CREGRAD@DAL.CA</u> OR SUBMIT THROUGH THE CRE GRADUATE STUDENT BRIGHTSPACE PAGE. Students will be notified of teaching assignments during the first week of September.

Dalhousie University commits to achieving inclusive excellence through continually championing equity, diversity, inclusion, and accessibility. The university encourages applications from Indigenous persons (especially Mi'kmaq), persons of Black/African descent (especially African Nova Scotians), and members of other racialized groups, persons with disabilities, women, and persons identifying as members of 2SLGBTQ+ communities, and all candidates who would contribute to the diversity of our community. For more information, please visit <u>www.dal.ca/hirinqfordiversity</u>.