To assist in the application process students are asked to rank, in order of preference, the following Canadian codes: The current National Building Code of Canada, CSA S16 Design of Steel Structures, and the following codes: The current National Building Code of Canada, CSA A23 Design of Reinforced Concrete, and knowledge of the use of the program SFrame.

Desired: Graduate studies in geotechnical engineering, Experience in demonstrating laboratories in front of Undergraduate Students. Have demonstrated professionalism in previous TA Position)

CIVL 3300.03 Hydraulics
CIVL 3451.03 Water Quality
CIVL 3505.03 Structural Sys. I – Form & Analysis
CIVL 3705.03 Mechanics of Structural Materials

(Requirements: good verbal and written communication skills. Experience in demonstrating laboratories in front of Undergraduate Students)

ENVE 3251.03 Environ & Industrial Microbiology
ENVE 3461.03 Env. Measurement & Analysis
MINE 3520.03 Introductory Mining Engineering
MINE 3530.03 Mineral Processing
MINE 3605.03 Mining Geology I

(Requirements: The ideal TA candidate would be a graduate student currently enrolled in either Materials or Mineral’s Engineering. They would have previously taken MINE 3530 or its equivalent. They would have good communication and technical skills such that they could effectively lead laboratory exercises. Familiarity with the mineral processing equipment used in the labs (crushing, grinding, gravity separation, flotation) would be an asset. Senior undergraduate students could be considered if they have had extensive experience in mineral processing during a co-op placement).

MINE 3620.03 Petroleum Engineering
CIVL 4111.03 Geotechnical Engineering
CIVL 4200.03 Transportation Engineering
CIVL 4440.03 Water & Wastewater Treatment
CIVL 4431.03 Water Dist. & Sewerage Sys.
CIVL 4515.03 Reinforced Concrete

(Requirements: familiarity with the following Canadian Codes: The current National Building Code of Canada, CSA A23 Design of Reinforced Concrete, and knowledge of the use of the program SFrame).

CIVL 4525.03 Design of Steel Structures
CIVL 4542.03 Apps of FEM in Structural Eng
CIVL 4702.02 Senior Project

(Requirements: familiarity with the following Canadian Codes: The current National Building Code of Canada, CSA S16 Design of Steel Structures, and knowledge of the use of the program SFrame).

ENVE 4401.03 Design Project for Env. Eng. I
ENVE 4772.03 Env. Assessment & Mgt.
MINE 4300.03 Opt. Mds in Mining & Civil Eng.
MINE 4750.03 Senior Design Project I
MINE 4801.03 Advanced Rock Mechanics
MINE 4815.03 Mining & the Environment

(Requirements: must be knowledgeable in rock mechanics, underground mining, stress measurement methods, numerical modeling basics and be familiar with Rocscience software package. Preference will be given in the following sequence: those who have satisfactorily performed TA duties previously in this course, Graduate Students with adequate knowledge. Undergraduate students who have taken this course with good grades will be considered only if there is no other candidate).

MINE 4815.03 Mining & the Environment
MINE 4821.03 Petroleum Reservoir Eng.
MINE 4835.03 Mineral Economics

(Requirements: students must have completed MINE2200 and MINE4815, or the equivalents)

IF YOU ARE INTERESTED IN THE ABOVE POSITION, PLEASE COMPLETE THE REQUIRED APPLICATION FORM BY THE APPLICATION DEADLINE AND SUBMIT TO: Shelley Parker, Civil and Resource Engineering Department, Room D215. Students will be notified of teaching assignments during the first week of classes in September.

All offers of employment are conditional upon sufficient student enrolment in the course and approval by the University.

Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The university encourages applications from Aboriginal people, people with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all candidates who would contribute to the diversity of our community.