a place of mind
THE UNIVERSITY OF BRITISH COLUMBIA

MATERIALS ENGINEERING
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ACADEMIC YEAR: 2022W

Teaching Assistant Postings

Hours & Pay
Hours and Rates are established by contract between U.B.C. and the T.A. Union (CUPE 2278).
The majority of Appointments are 2/4 hours per week = 32/64 hours per term, however, actual appointments may vary. ***Exam invigilation is included in the appointment***. Positions are from September 7 to December 31, 2022 for Term One and January 10- April 30, 2023 for Term Two. You must be available during this time.

Stipends are (as of September 1, 2021):

PhD GTA1	$35.13
MASc GTA2	$33.80
Marker	$16.18

Departmental offers of appointment will be made to the student, in writing, no later than May 30. Applicants will then have ten days to either accept or decline the offer. Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed. A ***mandatory*** Teaching Assistant training course is require for ALL new and returning TA's who have not completed the course.

"UBC hires on the basis of merit and is committed to employment equity. We encourage all qualified applicants to apply".

MECH 221/223 – Engineering Science I

ACADEMIC YEAR:	
TERM:	1 and 2
COURSE:	MECH 221 (term 1) and MECH 223 (term 2)
INSTRUCTOR:	Jon Nakane
TA HOURS PER WEEK[1]:	**Term 1:** 4 positions – ¼ TA – 32 hours **Term 2:** 3 positions – ¼ TA – 32 hours
DUTIES (check appropriate boxes)	
Tutorials	
• Oral instruction	☐
• Demonstrate problem sets	☐
• Aid students in assignments/problem sets	☐
Laboratories	
• Oral instruction	☑
• Lab set-up	☑
• Running labs	☑
Marking	
• Subjective marking of assignments, midterms, exams, etc.	☑
• Objective[2] ("key-type") marking of assignments, midterms, exams, etc.	☐
Other duties (specify):	
Possibly maintain website including monitoring the bulletin board and helping with any questions on the course content and case study problems.	
Note: *duties may differ somewhat from those listed here as a new instructor takes over the course.*	

1) TA positions are normally ¼, ½, or 1 load, which represents an *average* workload of 2, 4, and 8 hours a week, nominally over 16 weeks, respectively.
2) If the only task the TA does is objective marking, the salary is substantially lower than for a regular TA.

MTRL 451 – Microstructural Analysis Laboratory

ACADEMIC YEAR:	
TERM:	1
COURSE:	MTRL 451
INSTRUCTOR:	TBA
TA HOURS PER WEEK[1]:	2 positions – ½ TA each – 4 hours per week each
DUTIES (check appropriate boxes)	
Tutorials	
• Oral instruction	☐
• Demonstrate problem sets	☐
• Aid students in assignments/problem sets	☐
Laboratories	
• Oral instruction	☑
• Lab set-up	☑
• Running labs	☑
Marking	
• Subjective marking of assignments, midterms, exams, etc.	☐
• Objective[2] ("key-type") marking of assignments, midterms, exams, etc.	☐
Other duties (specify):	
A responsible person with training in Materials Engineering. Must have hands-on skills in X-ray powder diffraction and analysis; Scanning electron microscopes; Energy Dispersive Spectroscopy analysis (EDS); and Optical microscopes. Must have general knowledge on metals, ceramics, polymers, etc.	

[1] TA positions are normally ¼, ½, or 1 load, which represents an *average* workload of 2, 4, and 8 hours a week, nominally over 16 weeks, respectively.
[2] If the only task the TA does is objective marking, the salary is substantially lower than for a regular TA.