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".

APSC 279 – Engineering Materials Laboratory

ACADEMIC YEAR:		
TERM:	1, 2	
COURSE:	APSC 279	
INSTRUCTOR:	Term One: Bé Wassink Term Two: Gabrielle Lam	
TA HOURS PER WEEK[1]:	Term 1: 4 positions – 1 x ½ TA + 3 x ¼ TA Term 2: 5 positions – 2 x ½ TA + 3 x ¼ TA positions (**note below**) *Note: TA's may apply to do term 1, or term 2, or both.*	
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: midterm exam marking (APSC 278)		
Other duties (specify): **Attend lab training sessions ("Dry runs")**		
NOTE: duties have changed from past years: TA's will be running labs as outlined in the duties above. A ¼ TA will be in labs, on average, 2 hours per week, every week over 10 weeks. A ½ TA will be in labs, on average, 4 hours per week, every week over 10 weeks, In addition, Total APSC 279 lab time not to exceed the specified position maximums (32 hr for a ¼ TA; 64 hr for a ½ TA). NOTE: NO SWITCHING LABS UNLESS PRIOR APPROVAL FROM BE WASSINK		
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 365 – Mechanical Behaviour of Materials

ACADEMIC YEAR:	
TERM:	2
COURSE:	MTRL 365
INSTRUCTOR:	Warren Poole
TA HOURS PER WEEK[1]:	*1 position – 1/2TA – 4 hours per week*
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):	

[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 381 – Structure and Properties Laboratory

ACADEMIC YEAR:	
TERM:	2
COURSE:	MTRL 381
INSTRUCTOR:	Jon Nakane
TA HOURS PER WEEK[1]:	2 *positions – ½ TA – 4 hours per week*
DUTIES (check appropriate boxes)	
Tutorials	
• Oral instruction	☐
• Demonstrate problem sets	☐
• Aid students in assignments/problem sets	☐
Laboratories	
• Oral instruction	☑
• Equipment demonstration and training during labs	☑
• Running labs	☑
Marking	
• Subjective marking of assignments, midterms, exams, etc.	☑
• Objective[2] ("key-type") marking of assignments, midterms, exams, etc.	☐
Other duties (specify):	
Maintain website including monitoring the bulletin board and helping with any questions on the course content and case study problems.	

[1] TA positions are normally ¼, ½, or 1 load, which represents a workload of 2, 4, and 8 hours a week for 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 382 – Ceramics

ACADEMIC YEAR:	
TERM:	2
COURSE:	MTRL 382 LAB
INSTRUCTOR:	Tom Troczynski
TA HOURS PER WEEK[1]:	3 positions –2 3/4 TA each – 6 hours each week, 1 ½ TA 4 hours per week
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):	
Marking lab reports	

[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 495 – Biomaterials

ACADEMIC YEAR:		
TERM:	2	
COURSE:	MTRL 495	
INSTRUCTOR:	Rizhi Wang	
TA HOURS PER WEEK[1]:	1 position – ½ TA – 4 hours per week	
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):		
Marking lab reports		

[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.