

Job Description: Teaching Assistant for KIN 438

Instructor: Dr. Cameron Mitchell

This TA Job Description is provided for reference purposes only. It will be subject to changes as required. For more specific details and information, students are advised to contact the instructor directly, if they are offered the position. Current course scheduling is posted [online](#).

Course description:

Cellular and molecular mechanisms of muscle adaptability to physical activity. The course covers muscle regeneration, aerobic and resistance training along with aging and inactivity. Students are required to read a number of primary research articles and addressing the roles of signaling cascades, mitochondria, ribosomes, satellite cells and angiogenesis in muscle adaptation.

Requirements: A strong understanding of cellular and molecular exercise physiology. The ability to discuss and critically evaluate current primary literature. The teaching assistant will be expected to meet with groups of students to help them outline presentations and assignments, this requires a working knowledge of the area so as to identify errors in student understand and help students to think critically.

Preferences (Optional): Have previously taken KIN 438 (or 462) or a similar course elsewhere. Have taken molecular or cell biology or biochemistry courses offered in other faculties.

Division of Time by Duty: The following is an approximation of how the Teaching Assistant will divide their time for the course, but is subject to changes based on the needs of the course. ***The total maximum working hours per term is 184 hours.***

Duties	Number of hours per week and/or term
Background preparation/reading	3 hr/wk 36 hr/term
Assignment markings	36 hr per term
Midterm exams moderation (2 exam)	1 hr per term
Midterm exams (Marking)	20 hr per term
Student communications (e-mail responses)	2 hr/wk 24 hr/term
Final exam moderation and marking	(2 +20) 22 hours
Office hours and student meeting	44 hr/term

Salary for each appointment will be in accordance with current CUPE 2278 rates.
http://www.cupe2278.ca/forms_and_docs/pay_rates.html.

Courses and TA requirements may be changed or cancelled due to budget or student enrolments. All applicants must assure they will be available when the course is offered. Please review the [course timetable](#) on the UBC website.

TA Applications are due by May 15.

Interested Graduate students will be provided a link to the applications by May 1.

For more information, please see [Teaching Assistantships](#)

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