THE UNIVERSITY OF BRITISH COLUMBIA
School of Kinesiology

Job Description: Teaching Assistant for KIN 316
Instructor: Jean-Sébastien Blouin

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: The objective of this course is to provide the opportunity to explore the mechanics of muscular contraction and to examine how the mechanical properties of the muscle work synergistically with tendons, bones and ligaments. Practical applications (training & clinical) of key concepts will be discussed in class.

Requirements: This course includes lecture components (two per week) and programming activity/tutorials. The objective of these activities/tutorials is to introduce students to computer programming. Teaching assistants should have a strong foundation in computer programming and be very comfortable with the Matlab language. They will guide students through virtual Matlab activities and tutorials. Teaching assistants should also be familiar with mechanical concepts and feel comfortable demonstrating them to students (including using mechanical props).

Teaching Assistants will also be responsible for marking the exams and Matlab activities. Part of the Teaching Assistants' duties is to review exams or quizzes with students who request an appointment to do so. The final requirements are to answer e-mails from students and offer weekly office hours.

Preferences (Optional): A strong background in mechanics, including tissue mechanics, is an asset.

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***

Duties	Number of hours per week and/or term
In class attendance	26h per term
Tutorials	26h per term
Supervision of virtual labs (Matlab)	13h per term
Marking virtual activities	20 hours per term
Marking written exams	20 hours per term
Invigilating exams	5 hours per term

Student exam/quiz viewing	20 hours per term
Student communications (e-mail responses)	20 hours per term
Miscellaneous	34 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.