

TAs:  
Pardis Baha

WHY SHOULD YOU TAKE THIS COURSE?:

- THIS COURSE PROVIDES HANDS-ON EXPERIENCE THAT IS DIRECTLY RELEVANT IF YOU ARE THINKING OF A CAREER IN PHYSIOTHERAPY, OCCUPATIONAL THERAPY, MEDICINE, CHIROPRACTIC MEDICINE OR NURSING.
- THE COURSE FOCUSES ON APPLYING BIOMECHANICAL CONCEPTS RATHER THAN MATHEMATICAL DERIVATIONS AND NUMERICAL PROBLEMS, MAKING THE CLASS MATERIAL VERY ACCESSIBLE

PREVIOUS STUDENTS SAY:

- “I really enjoyed taking your clinical biomechanics course last year, and I've found myself applying and observing many of the concepts in my daily life. I found the content to be incredibly fascinating. JB 2019”
- “Just a quick physio school update. We are currently doing a block on biomechanics, and I thought you'd like to know that your clinical biomechanics course is extremely applicable to what we are learning, and has given me a great foundation to build off of! SFM 2018”
- “the knowledge you have provided me with has been extremely helpful in terms of my academic career, but also as lessons I can carry with me throughout my entire life. The 4th year Clinical Biomechanics class has been a huge part of my application allowing me to draw on my own experience doing independent research and pursuing a publication beyond that. So I also want to thank you for being such a significant professor during my undergrad. Your enthusiasm to teach has really amplified my eagerness to learn.  
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Course Evaluation Details:

1. Labs will be announced in class and on OWL. The labs will involve evaluation and interpretation of data, such as force plate data during standing balance, and kinematics and kinetics during gait. The laboratory evaluations are based on quizzes completed after the lab activities are complete.

The time slots for the labs will be used for other “face-to-face” encounters to support the course, such as assistance with the small-group research projects and “office hours”.

Assignments are due as stated in the course syllabus and will not be accepted late, except under medical or other compassionate circumstances. Submitting a late assignment without appropriate documentation will result in a score of 0.

Please consider the differences between essays and scientific writing --- you are writing a scientific paper, not an essay (Wagner PD. Writing Up Your Research Results for Publication. Chest 2009;136:639-642).

Students must write all aspects of the paper in their own words. You must acknowledge ideas that you take from others using proper referencing. Plagiarism is a major academic offence (see Scholastic Offence Policy in the Western Academic Calendar). All papers will be subject to submission for textual similarity review to the commercial plagiarism detection software under license to the University for the detection of plagiarism.

Several projects from previous years have been successfully published in WURJ-HNS:

Nielson C, Deegan E, Hung A, Nunes A (2010) Potential Effects of Sleep Deprivation on Sensorimotor Integration during Quiet Stance in Young Adults. WURJ Health and Natural Sciences 1: Article 5.

<https://ojs.lib.uwo.ca/index.php/wurjhns/article/view/4920/4596>

Delgado G, Coghlin C, Earle K, Holek A, O'Hare K (2011) Trunk extensor muscle fatigue does not affect postural control during upright static stance in young-adults and middle-

## Course/University Policies

1. The website for Registrarial Services is <http://www.registrar.uwo.ca>.

In accordance with [policy](#), the centrally administered e-mail account provided to

distract other students from learning. From time to time, your professor may ask the class to turn off all computers, to facilitate learning or discussion of the material presented in a particular class. Unless explicitly



Note that disruptive behaviour of any type during online classes, including inappropriate use of the chat function, is unacceptable. Students found guilty of Zoom-bombing a class or of other serious online offenses may be subject to disciplinary measures under the Code of Student Conduct.

6. Online Proctoring

Tests and examinations in this course may be conducted using a remote proctoring service. By taking this course, you are consenting to the use of this software and acknowledge that you will be required to provide personal information (including some biometric data) and the session will be recorded .



medical or compassionate circumstances that impact on a grade, steps 2 and 3 are carried out within a student's Home Department and Faculty.

A request for relief against a mark or grade must be initiated with the instructor as soon as possible after the mark is issued. In the event that the instructor is not available to the student, or fails to act, or if the matter is not resolved satisfactorily with the instructor, a written request for relief must be submitted to the Chair of the Department within three weeks of the date that the mark was issued. In the case of