

School of Kinesiology  
Faculty of Health Sciences  
Western University

**KIN 2241A Biomechanics  
Fall 2018**

<b>Instructor:</b>	Thomas Jenkyn, PhD, PEng	<b>Office:</b>	TEB367
<b>Location:</b>	SEB1059	<b>Office Hours:</b>	MWF 11:30-12:30
<b>Lectures:</b>	MWF 10:30AM-11:30AM	<b>Phone:</b>	519-661-2111 x 88339
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**NOTE:** All course information including grades, assignment outlines, deadlines, etc. are available via OWL. Check the website regularly for course announcements.

**Calendar Course Description:** An introduction in a qualitative as opposed to a quantitative manner to the mechanical aspects important to human movement in sport, exercise, dance, and the work place. An emphasis on the development of qualitative analytical skills using videotape technology.

**My Course Description:**

An introduction to qualitative and quantitatively analyzing the mechanics of human movement in sport, exercise, dance, the workplace, activities of daily life and adaptations made due to injury or disability. An emphasis is placed on understanding and identifying the physical principles that influence movement patterns and performance.

**Anti-requisite(s), Pre-requisite(s), Co-requisite(s):**

*You are responsible for ensuring that you have successfully completed all course pre-requisites, and that you have not taken an anti-requisite course.*

*Unless you have either the requisites for this course or written special permission from your Dean to enroll in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.*

**Course Format:**

Lectures: MWF 10:30AM-11:30AM  
Location: SEB1059

**Recommended Text:** Biomechanics: A qualitative approach for studying human movement, ISBN 0-205-18651-3, Kreighbaum E, Barthels KM. 4<sup>th</sup> Edition in SI Units, Allyn and Bacon, Boston 1996

**Learning Outcomes:**

Upon successful completion of this course, the student will have an understanding of the physical principles that influence the biomechanics of human movement in sport, exercise, dance, the workplace and activities of daily life. Specifically, they will understand how to analyze the k

The midterm exam will be tentatively scheduled early in the week of Oct. 22. This is a 2-



7. **Classroom Behaviour:** Class will begin promptly at the time specified at the top of page one of this syllabus. In the event that you must arrive late, please enter the classroom with a minimal disturbance to the class. Please keep all electronic devices on silent and avoid distracting classmates. .

8. **Electronic Device Usage:**

**During Exams** - Unless you have medical accommodations that require you to do so, or explicit permission from the instructor of the course, you may not use any of the following electronic devices during ANY of the tests, quizzes, midterms, examinations, or other in-class evaluations: cellphones, smart phones, smart watches, smart glasses, audio players or recorders of any sort, video cameras, video games, DVD players, televisions, laptop/notebook/netbook computers, flashlights or laser pointers.

**During Lectures and Tutorials:**