

Western University  
School of Kinesiology

## KIN 4450B - "Clinical Kinesiology"

Winter 2013

**INSTRUCTOR:** Professor T.R. Jenkyn, Ph.D., P.Eng.  
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**CONTACT HOURS:** 3 lecture hours per week, half course (13 weeks).  
Lectures: Monday, Wednesday, Friday from 1:30-2:30.

### CALENDAR

**DESCRIPTION:** This course introduces the role of a kinesiologist in a out-patient rehabilitation setting.  
-theory behind the function of articular joints and their injury  
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**ANTIREQUISITES:** KIN 4475B 2008-09 and 2009-10

**PREREQUISITES:** One of KIN 3341A/B, KIN 3343A/B or KIN 3353A/B

**TOPICS:**

- Clinical roles of rehabilitation health professionals
- Basic articular joint function
- Walking gait, reaching and grasping
- Biomechanics of trauma and musculoskeletal disorders
- Specific joint pathologies, diagnoses, treatments and outcomes

**SPECIFIC OBJECTIVES:**

- Interactions of kinesiologists with primary and secondary care physicians, physiotherapists and occupational therapists,
- Activities of daily living and their disruption due to injury and disease,
- Ankle sprains, cruciate ligaments tears, rotator cuff injury, low back pain, osteorthritis.

**TEXT:** T.B.D.

**EXAMINATIONS AND QUIZZES:** One class project report with multiple sections  
One class project presentation  
One 3-Hour Final Examination

***EVALUATION:***

The final grade will be determined as follows:

Project report (4 sections)	40%
Project presentation	20%
Rounds presentations (4 sections)	10%
Final examination	30%

The final examinations are **LIMITED OPEN BOOK**

If a student is excused from writing a section of the class project report or presentation for legitimate reasons, and with the approval of the School Director, the weighting of the final examination can be adjusted accordingly.

***ENGLISH:***

In accordance with Senate and Faculty Policy, students may be penalized up to 10% of the marks on all assignments, tests and examinations for the improper use of English. Additionally, poorly written work with the exception of final examinations may be returned without grading. If resubmission of the work is permitted, it may be graded with marks deducted for poor English and/or late submission.

***ATTENDANCE:***

Any student, who, in the opinion of the instructor, is absent too frequently from class or laboratory periods in any course, will be reported to the Dean (after due warning has been given). On the recommendation of the Department concerned, and with the permission of the Dean, the student will be debarred from taking the regular examination in the course.

***CHEATING:***

University policy states that cheating; including plagiarism, is a scholastic offense. The commission of a scholastic offence is attended by academic penalties, which might include expulsion from the program. If you are caught cheating, there will be no second warning (see Scholastic Offence Policy in the Western Calendar)

***NOTE:***

**The above topics and outline are subject to adjustments and changes as needed.**