



Western University
Faculty of Health Sciences
School of Kinesiology



KIN 3550B Kinesiology at Work
Winter 2023

Instructor: Michael Herbert
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Learning Outcomes/Schedule:

Upon completion of this course, students will be able to:

- Identify and delineate theoretical terms, concepts, and philosophies related to humans and their work environment
- Compare and contrast theoretical approaches to job-site assessment and modification.
- Access and apply practical knowledge to complete assessments of occupational tasks, job-site modification techniques, worker education and return to work readiness
- Understand the general “return to work” process outlined by Insurance companies and governmental agencies.
- Understand and participate in a variety of career options available to kinesiology students

Lecture Topics

- Anthropometry
- Body Mechanics
- Goniometry
- WISHA/NIOSH/Strain Index
- Work-Related Musculoskeletal Disorders
- REBA/RULA
- Functional Capacity Evaluations
- Physical Demands Analyses
- Ergonomic Design
- Case management

*Topics order may vary. Some topics may be added/skipped based on the pace of the course

Lab Topics

- Ergonomic Assessment Tools
- Goniometry
- Physical Demands Analyses
- Work Physiology

Required Course Material/Text:

All required readings will be posted on OWL.

Missed Assignment Policy:

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 zero (0) grade. If a student receives an accommodation, they are to submit the assignment within 24 hours of the accommodation time elapsing (e.g. If the accommodation ends February 20 at 11:59 pm, the assignment must be submitted by February 21 at 11:59)

Missed Midterm/Final Exam Policy:

A missed mid-term examination, without appropriate documentation will result in a zero (0) grade. Acceptable reasons might include hospital stays, serious illness, family emergencies (like serious accidents, illness or death) or similar circumstances. Exams will not be re-weighted and must be completed. The midterm make up will be held on Friday February 10 at 7 pm.

Missed Group Presentation Policy:

A missed mid-term examination, without appropriate documentation will result in a zero (0) grade. Acceptable reasons might include hospital stays, serious illness, family emergencies (like serious accidents, illness or death) 7 0 Td7aiaililcu nessecuv 7b1.6 (t)15.8 (at)4.5 (i)6Tc .41 nes:

Course Evaluation

Lab Assignment #1 – due February 16 th	10%
Lab Assignment #2 – due March 30 th	10%
Group Presentation – March 28 and April 4	15%
Midterm – February 7 th , during class time	32.5%
Final – TBD (during final exam period)	32.5%

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 students will be considered the individual's official university e-mail address. It is the responsibility of the account holder to ensure that e-mail received from the University at his/her official university address is attended to in a timely manner.

2. Academic Offences

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, in the Academic Calendar (westerncalendar.uwo.ca).

Plagiarism

Student work is expected to be original. Plagiarism is a serious academic offence and could lead to a zero on the assignment in question, a zero in this course, or your expulsion from the university. You are plagiarizing if you insert a phrase, sentence or paragraph taken directly from another author without acknowledging that the work belongs to him/her. Similarly, you are plagiarizing if you paraphrase or summarize another author's ideas without acknowledging that the ideas belong to someone else. All papers may be subject to submission for textual similarity review to the commercial plagiarism detection software under license to the University for the detection of plagiarism. All papers submitted will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between Western University and Turnitin.com (www.turnitin.com).

Re-submission of Previously Graded Material

Without the explicit written permission of the instructor, you may not submit any academic work for which credit has been obtained previously, or for which credit eemedu, (ed) f another course or program of study (ed) f the University or elsewhere.

Use of Statistical Patterecognition on Multiple Choice Exams

Computer-marked multiple-choice tests and/or exams may be subject to submission for similarity review by uftware that will check for unusual coincidences in answer patterns that may eecate cheat(ed) f

be acute (short term), or it may be chronic (long term), or chronic with acute episodes. In all cases, students are advised to consult with the academic counsellors in their home units, at their earliest opportunity. Academic counsellors may refer students to Accessible Education for ongoing academic accommodations.

Most forms of academic consideration require documentation, and this documentation is to be submitted to academic counsellors within five (5) business days of their

remaining assessments will also be conducted online as determined by the course instructor

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**. Completion of this course will require you to have a reliable internet connection and a device that meets the technical requirements for this service. More information about this remote proctoring service, including technical requirements, is available on Western's Remote Proctoring website at: <https://remoteproctoring.uwo.ca>.

7. **Grades**

Where possible assignment objectives and rubrics will be posted on OWL.

Generally, students can expect some form of feedback on their performance in a course before the drop date.

November 12th, 2022 (for first term half-courses)

November 30th, 2022 (for full-year courses)

March 7th, 2023 (for second term half-or full year courses)

A+	90-100	<i>One could scarcely expect better from a student at this level</i>
A	80-89	<i>Superior work that is clearly above average</i>
B	70-79	

