Welcome to

**Musculoskeletal Disorders in Rehabilitation Science!**

January 2017

Instructor: Emily Knight, PhD, MPT, CSEP-CEP®
Email: eknigh2@uwo.ca
Office Hours: Virtual, or by appointment

Course schedule: Wednesday 6:00-9:00 pm; HSB-35

**PREREQUISITE CHECKING**

Unless you have either the requisites for this course or written special permission from your Dean to enrol 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.

Refer to the Western Academic Calendar at [www.westerncalendar.uwo.ca](http://www.westerncalendar.uwo.ca) to ensure your prerequisites and/or antirequisites for this course are correct.

**COURSE INFORMATION**

*Calendar course description:* An introductory course in the area of musculoskeletal disorders as encountered in sport and in the workplace. Materials covered include the mechanisms of injury, tissue biomechanics, pathology, assessment, treatment and prevention of acute and chronic trauma. Current evidence-based practices in diagnostic testing and treatment options will be addressed.

*My course description:* An introductory course in the area of rehabilitation of both chronic and acute musculoskeletal disorders. Key features of the disorder including clinical presentation, pathology, assessment, treatment, and prevention will be covered. This is achieved through a case-based exploration of a selection of musculoskeletal disorders, considering the impact each disorder may have on the individual.

*Learning Outcomes:* The goal of this course is to introduce learners to injuries and illnesses affecting the musculoskeletal system, practice critical appraisal of available evidence for rehabilitation, and synthesize this knowledge through written and oral assignments. Therefore, through this course the learner will:
1. Be introduced to various rehabilitation approaches to musculoskeletal conditions, including physical, occupational, exercise, and nutrition therapies

2. Describe common illnesses, injuries and diseases as they relate to the musculoskeletal system as encountered in the rehabilitation setting

3. Communicate knowledge through written (e.g. exams, wikis) and oral (e.g. video presentation) formats

**Attendance & Participation:** Learners are expected to attend and participate in lectures. As a class, you have the right to a creative and respectful learning environment that promotes knowledge acquisition and skill mastery. To achieve this, you have the collective responsibility to engage in behaviours that demonstrate respect for and collaboration with your fellow learners and teachers. This includes:

- **Punctuality** - arrive prior to the start of a lecture and, when required, enter or exit lectures quietly and discretely so as not disrupt your colleagues.

- **Nourishment** - as needed to sustain learning throughout the evening in a manner that is not disruptive to your colleagues. This includes consuming lidded beverages and ‘quiet’ food, and disposing of any waste in the bins provided to keep our learning environment clean.

- **Technology** - using personal technologies, such as phones and laptops, quietly and in a manner that enhances, not detracts from, the learning environment. For example, ensure that phones do not make audible noise during class (i.e. set ringers to silent mode) and that conduct on mobile devices is not disruptive to peers (i.e. seek out information related to course materials and learning objectives unobtrusively).

**Course Materials**

There is no required textbook or reference material to purchase for this course. Necessary course information will be posted to OWL. Students are encouraged to seek resources to supplement their learning. Some helpful websites may include:

- [http://www.rehabmeasures.org/default.aspx](http://www.rehabmeasures.org/default.aspx)
- [http://myorthoevidence.com](http://myorthoevidence.com)
- [http://www.lib.uwo.ca](http://www.lib.uwo.ca)
Lecture Schedule - See OWL.

Subject to change. Any deviations will be shared during lecture and posted to OWL.

Evaluation
Full description of evaluation criteria is available in OWL. Overview of dates and grade weight is provided below.

Exams (60%)

- Exam format is multiple choice, and may include discrete knowledge, matching, cases, true/false. Emphasis will be placed on synthesizing and applying knowledge (i.e. not memorizing lecture slides).

1. Mid-term will occur during class time, February 15 (25%).

2. Final exam will be scheduled during the April exam block (date TBD) (35%). The final exam is cumulative.

Peer-teaching (40%)

- Course assignments include 2 primary components.

  One. Critical Appraisal Summary (20%) – individual component, can be submitted anytime up to April 5.

  Two. Lightboard video (20%) – group component, due April 5.

- Learners will select their own groups; Groups will sign up for a Lightboard video (peer-teaching) topic during lecture the week of March 1.

- Refer to assignment outline and marking rubrics in OWL for full assignment descriptions.

Statement on Use of Electronic Devices

The use of electronic & communication devices (e.g. laptop, cell phone, etc) is prohibited during tests, including weekly quizzes and the final exam.

Learners are permitted to use technology during lectures to assist with learning. However learners are encouraged to use technology respectfully and responsibly so as not to interfere with other’s learning.

Recording of lectures (e.g. audio, video) is prohibited.
**ADDITIONAL STATEMENTS**

**Student Code of Conduct**

The purpose of the Code of Student Conduct is to define the general standard of conduct expected of students registered at The University of Western Ontario, provide examples of behaviour that constitutes a breach of this standard of conduct, provide examples of sanctions that may be imposed, and set out the disciplinary procedures that the University will follow. For more information, visit [http://www.uwo.ca/univsec/board/code.pdf](http://www.uwo.ca/univsec/board/code.pdf).

**English Proficiency for the Assignment of Grades**


**Accommodation for Medical Illness or Non-Medical Absences**


The University recognizes that a student’s ability to meet his/her academic responsibilities may, on occasion, be impaired by medical illness. Illness may be acute (short term), or it may be chronic (long term), or chronic with acute episodes. The University further recognizes that medical situations are deeply personal and respects the need for privacy and confidentiality in these matters. However, in order to ensure fairness and consistency for all students, academic accommodation for work representing 10% or more of the student’s overall grade in the course shall be granted only in those cases where there is documentation indicating that the student was seriously affected by illness and could not reasonably be expected to meet his/her academic responsibilities.

A UWO Student Medical Certificate (SMC) is required where a student is seeking academic accommodation. This documentation should be obtained at the time of the initial consultation with the physician or walk-in clinic. An SMC can be downloaded under the Medical Documentation heading of the following website: [https://studentservices.uwo.ca/secure/index.cfm](https://studentservices.uwo.ca/secure/index.cfm).

Documentation is required for non-medical absences where the course work missed is more than 10% of the overall grade. Students may contact their Faculty Academic Counselling Office for what documentation is needed.

Whenever possible, students who require academic accommodation should provide notification and documentation in advance of due dates, examinations, etc. Students must follow up with their professors and their Academic Counselling office in a timely manner. Documentation for any request for accommodation shall be submitted, as soon as possible, to the appropriate Academic Counselling Office of the student’s Faculty of registration. For BHSc students, you may go to the School of Health Studies Office in HSB room 222.
Scholastic Offences

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following website: http://www.uwo.ca/univsec/handbook/appeals/scholastic_discipline_undergrad.pdf.

Additionally,
1. All required 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 for such checking 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 The University of Western Ontario and Turnitin.com (http://www.turnitin.com).
2. Computer-marked multiple-choice tests and/or exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

Support Services

There are various support services around campus and these include, but are not limited to:
1. Student Development Centre -- http://www.sdc.uwo.ca/ssd/
2. Student Health -- http://www.shs.uwo.ca/student/studenthealthservices.html
3. Registrar’s Office -- http://www.registrar.uwo.ca/
4. Ombuds Office -- http://www.uwo.ca/ombuds/