MCMASTER UNIVERSITY  
Department of Kinesiology  

Kinesiology 4J03: Functional Anatomy  

Winter 2017  

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IWC 215  

If my door is open you are welcome to drop in and say hi. Appointments are usually best. I will post specific office hours as we approach tests/exams.  

A. DESCRIPTION  

This term we will explore the three-dimensional structure and function of the human musculoskeletal system, with some exploration of the peripheral nervous system. We will emphasize skills in drawing and palpation, observation and interpretation of movement, and functional testing of select structures and connective tissue systems in a team-based environment.  

This course requires students to work with a high degree of preparation, independence, and co-operation – they are active participants in the classroom as this is not a lecture-based course. The material is non-linear – we will be exploring areas of uncertainty and work in others that require some degree of subjective evaluation.  

We will use peer-teaching strategies in the classroom so that students can develop leadership skills, practice knowledge translation, and reflect on their own experiences in order to maximize growth. These skills are essential to professional practice in kinesiology-based professions.
B. REQUIRED MATERIALS

- Washable markers, for drawing and palpation activities
- Additional class materials will be posted on Avenue.

C. THIS IS HOW WE WORK

Think big – Practice – Take initiative – Ask questions, find answers – Respect others

Feedback from the instructors and your peers will be the cornerstone to your learning. Skills cannot be studied; they can only be developed with effortful practice and this feedback. Attendance is essential – directions provided in the class notes are the starting point to your learning, notes cannot replace the learning that happens during class. When you need to miss a class, it is your responsibility to learn the material from your peers.

Appropriate clothing is required for palpating and testing structures. Clothing should be made of materials that are lightweight and allow free motion to occur at all joints, and facilitate accurate palpation and drawing. T-shirts, tank tops and shorts are ideal – other clothing may be appropriate as long as it will not hinder practice of the required skills. Accommodation can be provided; please contact me directly if you wish to discuss privately.

D. CONTENT OUTLINE

This year we are working within a new course framework and will be working flexibly with respect to dates. All schedules, readings and notes will be posted on Avenue.

Jan 9 to Feb 10: Lower Extremity and Spine
Feb 13 to 17: Practical Evaluation Week
March 6 to April 4: Spine, Skull and Upper Extremity
E. EVALUATION

1. All dates listed below are tentative.
2. Tests may be scheduled on Saturdays and outside of class time as long as you identify any class conflicts.
3. The scheduling of test dates will be flexible due to room availability.
4. Finalized dates will be posted on Avenue.

Written 1 25% Tuesday February 28th, 2017
Practical 1 25% Week of Feb. 13th to 17th inclusive
Written 2 25% Scheduled by the Registrar
Practical 2 25% TBA

F. POLICY REGARDING DEFERRED TESTS AND EXAMS

In the event of an absence for medical or other reasons, students should review and follow the Academic Regulation in the Undergraduate Calendar “Requests for Relief for Missed Academic Term Work”. Please note these regulations have changed and are effective Fall 2015.

If you use the MSAF (by visiting the Associate Dean’s office in person) you must report your absence to me by email within 3 working days of the scheduled assessment (although ideally, soonest is best) in order to request accommodation (madsenk@mcmaster.ca). If you fail to do so you may forfeit your opportunity for accommodation and receive a score of zero on your evaluation. If you miss Written Test 1, the make up test is scheduled for Monday March 6th, 2017. If you miss Practical Test 1, the make up test is scheduled for Monday February 27th, 2017.

Students who miss a Registrar-scheduled final exam can apply to the Associate Dean’s office for permission to write in the deferred final exam schedule. In all cases, appropriate documentation must be submitted to the Office of the Associate Dean, Faculty of Science, for consideration of deferred examination permission. Under no circumstances will the instructor re-schedule a final exam for individual students.
G. USE OF COURSE MATERIALS
Course materials provided by the instructor are for use by students registered in this class only. Under no circumstances are these materials to be shared, posted or sold to a third party without permission from the instructor. This includes, but is not limited to, online posting of instructor provided lecture/lab notes, online lectures, recordings of lectures, or any lab materials on a website other than the Avenue site designed for the course.

H. ACADEMIC INTEGRITY
Academic dishonesty consists of misrepresentation by deception or by other fraudulent means and can result in serious consequences (e.g. the grade of zero on an assignment, loss of credit with a notation on the transcript reading "Grade of F assigned for academic dishonesty", and/or suspension or expulsion from the university). It is your responsibility to understand what constitutes academic dishonesty. For information on the various kinds of academic dishonesty please refer to the Academic Integrity Policy, specifically Appendix 3, located at: http://www.mcmaster.ca/univsec/policy/AcademicIntegrity.pdf
The following illustrates only three forms of academic dishonesty: plagiarism (e.g. the submission of work that is not one's own or for which other credit has been obtained), inappropriate collaboration on group work, copying or using unauthorized aids in tests and examinations.

I. ACADEMIC ACCOMMODATION OF STUDENTS WITH DISABILITIES
Students who require academic accommodation must contact Student Accessibility Services (SAS) to make arrangements with a Program Coordinator. Academic accommodations must be arranged for each term of study. Student Accessibility Services can be contacted by phone 905-525-9140, ext. 2865 or e-mail sas@mcmaster.ca. For further information, consult McMaster University’s Policy for Academic Accommodation of Students with Disabilities.
J. ON-LINE LEARNING RESOURCES
Students should be aware that, when they access the electronic components of this course, private information such as first and last names, user names for the McMaster e-mail accounts, and program affiliation may become apparent to all other students in the same course. The available information is dependent on the technology used. Continuation in this course will be deemed consent to this disclosure. If you have any questions or concerns about such disclosure please discuss this with the course instructor.

K. MODIFICATIONS TO COURSE
The instructor and university reserve the right to modify elements of the course during the term. The university may change the dates and deadlines for any or all courses in extreme circumstances. If either type of modification becomes necessary, reasonable notice and communication with the students will be given with explanation and the opportunity to comment on changes. It is the responsibility of the student to check their McMaster email and course websites weekly during the term and to note any changes.

L. FEEDBACK
It really helps us improve our services when we hear from our students, faculty and staff about what we can do better. A feedback process brings to our attention situations in which we may not have adequately considered accessibility and allows us to better plan for accessibility in the future.