

MCMASTER UNIVERSITY  
Department of Kinesiology

## Kinesiology 4J03: Functional Anatomy

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Winter 2018

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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.

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### 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.

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## B. REQUIRED MATERIALS

- Washable markers, for drawing and palpation activities
- Schuenke, M., Schulte, E., Schumacher, U. (2014). *Thieme Atlas of Anatomy: General Anatomy and Musculoskeletal System* (2<sup>nd</sup> ed.). New York, NY: Thieme Medical Publishers Inc.
- 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 12 and 13:	Practical Evaluation Week
March 6 to April 4:	Spine, Skull and Upper Extremity

## E. EVALUATION

1. Tests can be scheduled outside of class time – it is your responsibility to identify any class conflicts you have as soon as possible and to provide evidence of the conflict.
2. Practical schedules will be posted on **Avenue** – the final practical test may be scheduled during the final exam period or during the last week of classes.

Written 1	25%	Tuesday February 27 <sup>th</sup> , 2018 in IWC E201, 8:30am
Practical 1	25%	February 12 <sup>th</sup> and 13 <sup>th</sup> , in IWC 223
Written 2	25%	Scheduled by the Registrar
Practical 2	25%	TBA – see note 2 above

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## 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](mailto: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 **Thursday March 8<sup>th</sup>, 2018**. If you miss **Practical Test 1**, the make up test is scheduled for **Monday February 26<sup>th</sup>, 2018**.

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.

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## 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.

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## 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](mailto: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.

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## 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.

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## 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.