The University of Western Ontario
Schools of Health Studies and Kinesiology

Health Sciences 2300B and Kinesiology 2222B

SYSTEMIC APPROACH TO FUNCTIONAL ANATOMY

Instructor: Dr. Jamie Melling
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Office Room Number: 3M centre 2213
Office Hours: *Appointment only*

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Lectures:

There are 3 lecture hours per week: SSC-2050 - Tuesday 2:30-4:30pm and Thursday 2:30-3:30pm.

Prerequisite Checking

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

The prerequisite(s) for this course is/are OAC Biology, or an equivalent course.

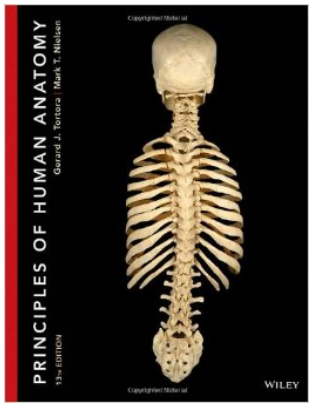
Course Information

The course is designed to provide the student with a systemic description of the anatomical structure and function of the human body. This course describes the gross anatomy of the major systems, with emphasis on movement and locomotion as it pertains to the musculoskeletal and cardiovascular systems. The other systems of the human body, namely digestive, respiratory, reproductive, urinary, will be discussed with respect to how they (the systems) relate to the skeletal, muscular and cardiovascular systems. In addition to studying the gross features of the human body, we will also discuss selected physiological and histological aspects and relate this to the hierarchy of organization that occurs in the human body.

The course will provide the student with an understanding of human gross anatomy and a working knowledge of the integration of the human body's major physiological systems. At the end of this course each student should know all the major bones, muscles, nerves, and vessels of the body, by name, location, and function. Each student will also understand the three components of the cardiovascular system: the blood, the heart, and vasculature system, its physiological significance and how each component interacts with the major organ systems listed above. The spirit of this course is to foster learning, critical thinking, active questioning, and an appreciation for health and disease from a

gross anatomical perspective.

The grading in this course will consist of two non-cumulative multiple choice exams and 1 cumulative laboratory exam.



Course Materials

The recommended textbook:

Tortora, G.J., Neilsen M.T. Principles of Human Anatomy (13th ed.), John Wiley & Sons, Inc. . ISBN 978-0-471-78931-4.

This text is available at the UWO Bookstore . For those students who are visual learners, extra resources may be used as a supplement to the text. Good resources are available at the UWO bookstore include anatomy colouring books and various atlases. See helpful aids at the end of this syllabus.

There are a few current texts on 2-hour reserve at the Allyn and Betty Taylor library. Just ask for reading material under HS 2300/KIN2222).

Evaluation

Examinations 80%: Your exams will consist of two term tests.

Midterm I - 40% - TBA: 2:30pm-4:15pm (in class – SSC 2050)

Midterm II – 40% - Final Examination Period TBA, April 2017

*** Exams are not cumulative therefore consider each exam a midterm test**.

Anatatorium Labs 20%:

Final Bell Ringer Exam – 20% - TBA (Typically last week of classes) – 30 min exam scheduled between noon and 8pm.

*** Labs are cumulative; it's the nature of anatomy!**

Make-up Examinations: You are entitled to reschedule an exam for legitimate conflict due to medical, religious, or compassionate reasons within a reasonable time allowance. It is ***your*** responsibility to provide ***appropriate documentation*** to the Undergraduate office, in support of a make-up request. Similarly, final exam conflicts **MUST** be made through the Undergraduate office and documentation will be required.

If you miss your bellringer examination, with appropriate documentation, you are entitled to write a make up. *The make up occurs at the end of the following term when the course is offered.*

Statement on Use of Electronic Devices

For all exams, the use of both electronic and communication equipment (e.g., cell phones, calculators) is prohibited unless authorized by the examiner.

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.

English Proficency for the Assignment of Grades

Visit the website http://www.uwo.ca/univsec/handbook/exam/english.pdf.

Accommodation for Medical Illness or Non-Medical Absences

http://www.uwo.ca/univsec/handbook/appeals/accommodation_medical.pdf
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.

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.

Rounding of Grades (when 79 ≠ 80)

The practice will not occur in this course. The edges of this course are clear and sharp. The mark attained is the mark assigned; there is no rounding to the next grade level. Please don't ask us to do this for you degrade our experience as your professors and your experience as a student.

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/