

**Functional Anatomy**

Biomedical Physio and Kines 326

Section: D100

Term: 2014 Summer

Instructor: J. Anthony

Office: K8623

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Discussion Topics: COURSE OUTLINE:

This course consists of a systematic study of human anatomy. It will provide detailed knowledge of the macroscopic structure of the organs of the human body. Emphasis will be placed on the skeletal and muscular systems and the role they play in human movement.

There will be two one-hour lectures and two two-hour laboratory sessions per week.

Lab work involves dissections (comparative study) and is a required part of this course.

TOPICS:

Introduction and organization of tissues

The Skeletal System

The Articular System

The Muscular System

The Nervous System

The Cardiovascular System

The Respiratory System

The Gastrointestinal System

The Genitourinary System

Grading: EVALUATION:

Quizzes	=	5%	Midterm (Lecture & Lab)	=
35%				

Assignments	=	10%	Final exam (Lecture & Lab)	=	50%
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## Functional Anatomy

Required Texts: TEXTBOOK:

Tortora, G.J. Principles of Human Anatomy, Publishers, 2009.

Recommended Texts: REFERENCE BOOK:

Hamill, J. and Knutzen, K.M. Biomechanical basis of human movement, 2008.

Abrahams, P.H. et al. McMinns Clinical Atlas of Human Anatomy, 2008.

Materials/Supplies: LAB COATS are now mandatory and should be worn every time you are in the Anatomy Lab. They can be purchased through SFU Bookstore at a price of approx. \$20. Buy them early to make sure you dont miss out on getting yours.

Supplemental Course Fee

There is a \$25 supplemental course fee to help cover the costs of lab materials and supplies.

Prerequisite/Corequisite: BPK (or KIN) 142, 201, 205 and at least 60 units of undergraduate course credit. Students with credit for BPK (or KIN 324) or BPK(or KIN 325) or KIN 326 may not repeat this course for further credit.

Notes: Lecture and Labs will begin first week of classes.

Failure to attend an examination

Students who miss examinations due to exceptional circumstances (such as serious illness or compassionate reasons) are required to obtain a physician&squots certificate or other supporting documents in order to obtain consideration in the course. Such documents must be filed with the Department Chair (via the Biomedical Physiology and Kinesiology office) or Registrar within four calendar days of the date on which the examination was to have been written. Exceptional circumstances must be approved by the Undergraduate Program Committee in order for a student to receive consideration.

Students must check the exam schedule when making course selections. Students are reminded that final examinations may be scheduled at any time during the examination period and that students should avoid making travel or employment arrangements for this period.

## **Functional Anatomy**

Academic honesty and student conduct

Academic honesty is a condition of continued membership in the University community.

Academic dishonesty, including plagiarism or any other form of cheating is subject to serious academic penalty, i.e. failure on an assignment, failure in a course, suspension or expulsion from the University.

The University codes of student conduct and academic honesty are contained in policies T10.01 and T10.02 which are available in the Course Timetable and on the Web via <http://www.reg.sfu.ca>.

This outline is derived from a course outline repository database that was maintained by SFU Student Services and the University's IT Services Department. The database was retired in 2014 and the data migrated to SFU Archives in 2015.