

Neuromuscular Anatomy

Kinesiology 426

Section: D100

Term: 2007 Fall

Instructor: J. Anthony

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Discussion Topics: COURSE FORMAT:

This course will be taught on a lecture/tutorial basis with a laboratory component to the tutorials but no dissection component.

LECTURE SCHEDULE:

Origins of the nervous system

Spinal Cord: gross anatomy, nerve roots & dermatomes; tracts & gray matter

Brainstem: external anatomy; nuclei & tracts; cranial nerves

Cerebellum: gross anatomy; fine structure

Diencephalon: thalamus; hypothalamus, pituitary

Corpus striatum

Hemispheres: topography; internal capsule

Olfactory system

Limbic system

Visual system

Auditory system

Vestibular system

Ventricles, meninges & blood supply

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Plexuses and major peripheral nerves

Peripheral nerve disorders

Review of motor and sensory systems

Grading: Quizzes - 10%

Midterm - 30%

Assignments - 10%

Final - 50%

Required Texts: Kiernan, J.A. Barr\202s The Human Nervous System, An Anatomical Viewpoint, 2004.

Haines, D.E. Neuroanatomy, An Atlas of Structures, Sections and Systems, 2004.

Recommended Texts:

Materials/Supplies:

Prerequisite/Corequisite: PREREQUISITES:

Kin. 326 and 60 credit hours.

Notes: 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's certificate, whereby the physician states that you were unable to write your midterm or final on the set date due to a medical condition beyond your control, or other supporting documents in order to obtain consideration in the course. Such documents must be filed with the School Director (via the 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.

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.

Neuromuscular Anatomy

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>.

July 2000

Lecture and tutorials begin first week of classes

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