

Neuromuscular Anatomy

Kinesiology 426

Section: D100

Term: 1998 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. Interactive tutorial on the 'Mac' computers will be arranged for your benefit.

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

Striate cortex

Hemispheres: topography; internal capsule

Olfactory system

Limbic system

Visual system

Auditory system

Vestibular system

Ventricles, meninges & blood supply

Neuromuscular Anatomy

Autonomic nervous system

Major peripheral nerves: brachial plexus, lumbosacral plexus

Muscles: upper extremity, lower extremity (four lectures)

Review of motor and sensory systems

Grading: Quizzes - 10%

Midterm - 35%

Assignments - 10%

Final - 45%

Required Texts: Barr, M.L. & J.A. Kiernan, *The Human Nervous System*, 1988.

Haines, D.E. *Neuroanatomy, An Atlas of Structures, Sections and Systems*, 1991.

Recommended Texts:

Materials/Supplies:

Prerequisite/Corequisite: Kin. 326 and 60 credit hours.

Notes:

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.