

Neurobiology of Disease

Kinesiology 446

Section: D100

Term: 2002 Fall

Instructor: C. Krieger

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Discussion Topics: The purpose of this course is to examine pathogenic mechanisms underlying several important neural and neuromuscular diseases. We will study a variety of important neurological diseases especially from the standpoint of how these diseases occur. The disorders which will be considered include Alzheimer's disease, amyotrophic lateral sclerosis, multiple sclerosis, stroke, myasthenia gravis and others. The emphasis will be on the currently favoured hypotheses for these diseases and evidence by which these diseases will develop. Although the lectures will be general, the student will be expected to have a reasonable background in the anatomy and physiology of the nervous system. Students must have completed Kin 306. The intended audience is final year kinesiology students interested in further studies exploring the pathogenesis of neuromuscular disease or students interested in dealing with patients with neurological disease.

Format:

Lecture format.

Grading: final exam: - 40%

1st midterm: - 15%

2nd midterm: - 25%

term paper on a topic of choice: - 20%

Required Texts: REFERENCE:

No textbook is required. We will use custom courseware.

Recommended Texts:

Materials/Supplies:

Prerequisite/Corequisite: Prerequisites: KIN 306

Recommended: KIN 326, KIN 415

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.