

BIOS/PSCH/NEUS 483 – Neuroanatomy
Spring 2011

Very Approximate Lecture Schedule

<u>TOPIC</u>	<u>READINGS</u>	<u>LECTURES</u>
Introduction		1
Development of the Nervous System	B 2-12	2
Neurohistology	B 13-36	2
Overview of CNS Anatomy	B 38-51,58-92, 52-62	3
Neuroanatomical Methodology	B 52-62	2
TEST #1		
Cerebral Cortex & Thalamus – Introduction	B193-208,236-288	3
Spinal Cord and Ascending Pathways	B 64-84,316-339	2
Motor Pathways	B 374-390	1
Segmentation of the Head & Cranial Nerves	B 123-155	2
Auditory & Vestibular Pathways	B 353-373	1
TEST #2		
Cerebellum	B 174-192	1
Visual Pathways	B 337-352	1
Basal Ganglia	B 419-437	2
Hypothalamus & Pituitary	B 208-221	1
Limbic System	B 289-313	2
Diffuse Projection Pathways	B 156-173	1
Evolution and Brain Size		1

FINAL EXAM

Texts: (1) Barr's The Human Nervous System. J.A. Kiernan, Lippincott, Williams & Wilkins (2005) (B)

(2) Atlas of the Human Brain and Spinal Cord. James D. Fix, Jones & Bartlett Publishers. (2008). (F)

Even more Approximate Laboratory Schedule

1. Embryology & Histology
- 2,3,4 Shark Brain Dissection
- 5,6 Cow Brain Dissection
7. Human Gross Anatomy, Introduction to Sectional Anatomy,
8. Lab Test #1
9. Spinal Cord – Gross and Microscopic Anatomy
10. Ascending Pathways and Corticospinal Tracts
11. Cranial Nerves
12. Vestibulo-cochlear and Cerebellar Pathways
13. Basal Ganglia and Thalamus
14. Hypothalamus and Limbic System
15. Pituitary, Nonspecific Systems & Review

Lab Test #2