BIOS/PSCH/NEUS 483 – NEUROANATOMY
Spring 2014

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Very Approximate Lecture Schedule

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<td>Development of the Nervous System</td>
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<td>Neurohistology</td>
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<td>Overview of CNS Anatomy</td>
<td>B 38-51, 58-92, 52-62</td>
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<td>Neuroanatomical Methodology</td>
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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

FINAL EXAM

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

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 (F)
8. Lab Test #1
9. Spinal Cord – Gross and Microscopic Anatomy (F)
10. Ascending Pathways and Corticospinal Tracts (F)
11. Cranial Nerves (F)
12. Vestibulo-cochlear and Cerebellar Pathways (F)
13. Basal Ganglia and Thalamus (F)
14. Hypothalamus and Limbic System (F)
15. Pituitary, Nonspecific Systems & Review (F)

Lab Test #2