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# SHS 306

## Basic Neuroanatomy in SLP/A

### Fall 2005

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Instructor: Dr. Steve Oshrin  
Time: 8:00- 9:15 Tu-Th  
Location: SRS 202  
Office: SRS 119

Last Day to Add: September 2  
Last Day to Drop: October 14  
Final Exam: Tuesday, December 13 8:00 a.m.

Course text: Bhatnagar, S.: Neuroscience (2ed). Philadelphia: Lippincott Williams & Wilkins (2002)

#### **Instructional objectives:**

Students in this class will be able to:

- describe anatomical nomenclature
- describe the form and function of structures of the brain and central nervous system
- explain the elements of the neurological examination
- describe common neurological diseases
- define commonly used terms in neurology and neuroanatomy
- learn to use internet resources to obtain information related to neuroanatomy, neurophysiology and neurology

Information provided in this course is designed to meet Standards III-B, III-C, and III-D of the ASHA Standards for Clinical Certification in Speech Language Pathology (2005). Information provided in this course is designed to meet Standards IV-B and IV-C of the ASHA Standards for Clinical Certification in Audiology (2007).

**Instructional outcomes assessment:** Meeting the objectives noted above will be determined by your scores on:

- on daily quizzes
- on grades from 2-3 tests during the semester
- on the completion of internet assignments, and
- on a final cumulative exam

There will be a brief quiz during each class period. You will need to buy a pack of 3 x 5 lined index cards for the quizzes. There will be no makeup for quizzes. We will go over the quiz immediately and the quizzes will not be returned to you. The lowest three quiz grades will be dropped. The tests will include multiple choice items for which you will be required to bring a "SCAN-TRON" form and a #2 pencil to each exam. SCAN-TRON forms are available in the university bookstore. There will be no make-up tests given. If you miss an exam, the following exam will count double. If you miss more than one exam, you will receive a zero for that test. There will be no make up for the final exam. During the semester there may be a number of internet assignments that will require you to have internet access. Access to the internet is available at computer labs throughout the University; you may also access the internet using your own personal computer.

**Grading:** Grades will be assigned on a percentage basis. For example if you obtained 350 out of a possible 400 points during the semester, your percentage score would be 87.5%. Letter grades will be given on the following scale:

|         |      |   |
|---------|------|---|
| 90-100% | .... | A |
| 80-89%  | .... | B |
| 70-79%  | .... | C |
| 64-69%  | .... | D |
| <64%    | .... | F |

**Internet:** Supplemental material for this course will be available on WebCT, the university's internet site for online instruction. You may use your own internet-connected computer, public-use computers on campus or any internet-connected computer. Instructions for accessing WebCT are available online at [www.usm.edu/de](http://www.usm.edu/de).

**Remediation:** Students who are not meeting the learning outcomes specified for this course may be required to complete additional assignments, receive tutoring or participate in other activities designed to assist them in the successful acquisition of knowledge and skills associated with this course.

**Academic Honesty:** The learning in professional preparation courses like this one directly affects your ability to provide professional services to those entrusted to your care. Anyone caught cheating will be subject to all penalties proscribed by university policy.

**Attendance:** Since there will be a quiz during each class period, missing a class will result in your receiving a zero for that quiz; because the three lowest quiz grades will be dropped, you may miss three classes without academic penalty. *Since attendance for my class is determined by quiz grading, if you must leave early your quiz will not be counted.*

Since class is disrupted by students entering late, please be on time

**Cell phones/pagers/MP3 Players/IPods:** Please turn them off before entering class.

**Drop/Add:** The last day to add this class is Sept. 2. The last day to drop this class is October 14. Following that date, you will not be permitted to drop the class for any reason.

**Office hours:** My office is located in room 119 (adjacent to the main office) and my office hours are posted on the door. If those times are not convenient, we can arrange an alternate time.

**Tentative topic outline and reading assignments** (subject to change):

- I. Introduction
- II. Terminology in neuroanatomy (7-15)
- III. Gross Anatomy of the CNS (21-75)
- IV. Spinal Cord (78-81; 219-240)
- V. Cranial Nerves (275-315)
- VI. Embryological development of the CNS (111-123)
- VII. Form and function of nerve cells (125-141)
- VIII. Vascular system of the CNS (337-353)
- IX. Somatosensory System 153-172)
- X. Diagnostic testing (371-387)
- XI. Neurological Disorders and Treatment (389-394)
- XII. Other topics TBA

**It is your responsibility to keep up with assigned readings.** Some information on the examinations may come from the readings and may not be covered in class. The excuse "*but you didn't tell us that!*" isn't valid if the information is part of the assigned readings.

## **Americans with Disabilities Information:**

If a student has a disability that qualifies under the American with Disabilities Act (ADA) and requires accommodations, he/she should contact the Office for Disability Accommodations (ODA) for information on appropriate policies and procedures. Disabilities covered by ADA may include learning, psychiatric, physical disabilities, or chronic health disorders. Students can contact ODA if they are not certain whether a medical condition/disability qualifies.

Address:

The University of Southern Mississippi

Office for Disability Accommodations

118 College Drive # 8586

Hattiesburg, MS 39406-0001

Voice Telephone: (601) 266-5024 or (228) 214-3232 Fax: (601) 266-6035

Individuals with hearing impairments can contact ODA using the *Mississippi Relay Service* at 1-800-582-2233 (TTY) or email Suzy Hebert at [Suzanne.Hebert@usm.edu](mailto:Suzanne.Hebert@usm.edu)

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updated 08-23-05