

CSC 642 – Fall, 2009
Neurology of Speech, Language and Hearing
Daniel C. Tullos, Ph.D., CCC-SLP

Course Description:

Neuroanatomy and neurophysiology with a concentration on neurological mechanisms related to speech, language and hearing.

Required Texts:

American Psychological Association (2009). Publication manual of the American Psychological Association (6th ed.). Washington, DC: Author (ISBN: 9781433805615)

Bhatnagar, S. C., (2008). Neuroscience: For the study of communicative disorders (3rd Edition). Philadelphia: Lippincott Williams & Wilkins. (ISBN: 1605476617)

Student Learning Objectives:

1. Students will be familiar with basic anatomical structures of the central and peripheral nervous systems. (Standard III-B)
2. Students will understand normal neural mechanisms that support human communication. (Standard III-B)
3. Students will be familiar with the neurology underlying speech, language, and hearing disorders. (Standard III-B)

Course Requirements:

1. FIVE exams will be administered, each contributing 100 points to the student's final grade. The format of each exam may vary and will be discussed prior to the exam date. Exams will be comprehensive in the sense that performance will rely on understanding of previous material.
 2. Students will complete and submit quiz questions presented at the end of each chapter. Questions must be completed individually and are not a group project. Questions will be submitted on the assigned dates. They will not be accepted after the due date unless the student has made prior arrangements.
 3. Students will complete the Chapter Review Questions presented on the student resources page provided by the publisher (see inside front cover of your text). These can be a group project and may be divided among all students enrolled in class. Questions should be divided in class and answers marked with the students name. All students must participate.
2. Extra Credit (25 points): You may earn up to 25 extra credit points by submitting a

learning contract, approved by me, stating what you will do to earn the extra credit. Learning contracts are due the first class after the first exam. Learning contracts are due at the final exam. Note: You can submit a contract but decide not to turn it in but you can not turn in a learning contract that wasn't approved at that first class after the first exam.

Changes in Course Requirements:

The instructor reserves the right to change the course assignments and/or testing procedures. However, students will be adequately notified of any changes during class meetings.

Grades:

70%	Exams and Final
15%	Quiz Questions
10%	Chapter Review Questions
5%	Class Contributions

Professional conduct:

Please abide by the following rules to allow for the best learning environment for you and your fellow classmates.

1. Cell phone policy- Turn off cell phones. (Any exceptions must be discussed with the instructor.) No text messaging allowed, no matter how quiet yours may be. No cell phones or electronic devices during quizzes and exams or you will earn a "0" on your quiz or exam.
2. No lap-top usage for surfing the web. Laptops may be used strictly for note taking. (Proof may be required and you may be required to produce the notes.) No "IMs" (instant messaging) during class.
3. Come to class on time to minimize distractions and be considerate of the rest of the class.
4. Any requests for assignment changes must be approved **ahead** of time. No exceptions!

Students with Disabilities:

It is the policy for Harding University to accommodate students with disabilities, pursuant to federal and state law. Therefore, any student with a documented disability condition (e.g. physical, learning, or psychological) who needs to arrange reasonable accommodations must contact the instructor and the Disabilities Office at the beginning of each semester. (If the diagnosis of the disability occurs during the academic year, the student must self-identify with the Disabilities Office as soon as possible in order to get academic accommodations in place for the remainder of the semester.) The Disabilities Office is located in Room 102 of the Lee Academic Center, telephone, (501) 279-4019.

Academic Integrity:

Cheating in all its forms is inconsistent with Christian faith and practice and will result in sanctions up to and including dismissal from the class with a failing grade.

CSC 614 – Fall, 2008
**Preventing, Diagnosing and Treating Communication Disorders with the Middle to
 Older Adulthood Population**
Daniel C. Tullos, Ph.D., CCC-SLP & Melanie Lawry, M.S., CCC-SLP
Tentative Schedule

August	26	Anatomical Review (Andrews, Chpt. 1, Brookshire, Chpt. 1, Seikel, King & Drumright (or other undergraduate anatomy and physiology text)
	28	Anatomical Review (cont.)
September	2	Anatomical Review (cont.)
	4	Anatomical Review (cont.)
	9	Voice (Andrews, summary draft)
	11	Voice (cont.)
	16	Voice (cont., summary paper final)
	18	Voice (cont., research articles, Andrews 2 & 3) prevention, diagnosis and treatment draft)
	23	Voice (cont.)
	25	Hearing Impairment (HI draft, Voice PDT paper)
	30	Hearing Impairment (cont., Hearing PDT draft)
October	2	Communication Modalities (summary draft)
	7	Communication Modalities (summary paper final)
	9	ArkSHA - Hot Springs
	14	Cognition (Brookshire, Chpt. 3, 4)
	16	Cognition
	21	Assessments due
	23	
	28	Aphasia (to be announced)
	30	Aphasia
November	4	Aphasia
	6	Aphasia
	11	Right Hemisphere Impairment (Brookshire, Chpt. 10)
	13	Right Hemisphere Impairment
	18	Motor Speech Disorders
	20	ASHA - Chicago
	25-27	Thanksgiving Break
December	2	Motor Speech Disorders
	4	Motor Speech Disorders
	9	Case Histories (review for final)
	11	Case Histories (review for final)
	16	Final (4:00-6:30)