

CSD 400
Anatomy and Physiology of Speech and Language
Fall, 2009
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Required Texts:

American Psychological Association (2001). Publication manual of the American Psychological Association (5th ed.). Washington, DC: Author

Seikel, J. A., King, D. W., & Drumright, D. G. (2010). Anatomy and Physiology for Speech, Language, and Hearing (4th ed.). Clifton Park, NY: Delmar

Objectives: Normal anatomy and physiology of speech and language will be presented. Specific breakdowns in anatomical and physiological functioning resulting in communication disorders will be discussed.

Attendance: You are expected to attend every class. Attendance will be taken. Your grade will be dropped 10 percentage points for every absence after three! You are to contact the instructor **prior** to class if you are sick and will not be able to attend or take an exam. If you miss an exam without an excused absence and prior notification to the instructor your test grade will be dropped **10 percentage points per day** until the exam is taken.

All assignments will be submitted at the assigned time (during class) unless arrangements have been made **prior** to the deadline. **Assignments should be brought to class and submitted.** All assignments (excluding quizzes) submitted late will receive a penalty of a loss of **10% points per day** (including weekends) for each day late. All assignments (excluding quizzes) **MUST** be submitted to pass this class. Quizzes **must** be submitted on the assigned due date. Quizzes **will not** be accepted after class on the assigned date.

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.

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, psychological, vision, hearing, etc.) 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 Director *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." **It is the student's responsibility to make sure that appropriate accommodations are made.**

Course Requirements:

1. There will be five major examinations and a final. The final will be comprehensive. Exams will be returned and discussed in class. Any errors in grading must be corrected on the day the exam is discussed in class. Exams will then be returned to the instructor until near the final.

2. Each student will make a three-dimensional model of a larynx. Clay (Model Magic) is available at WalMart, other stores, or online. The model is worth 5%. Be sure and label the following (at least): Hyoid Bone, Epiglottis, Thyroid Cartilage, Cricoid Cartilage, Ventricular Folds, Vocal Folds, Arytenoid Cartilages, Oblique and Transverse Arytenoid Muscles, Posterior Cricoarytenoid Muscles, Cricothyroid Pars Recta, Cricothyroid Pars Oblique, Trachea, Tracheal Rings, It should be able to stand on its own. Grading forms are online.
3. Each student will make a three-dimensional model of the left cerebral hemisphere (lateral view as illustrated in Figure 11-14 in Seikel.) Label the following (at least): Frontal, Parietal, Occipital, and Temporal Lobes, Central Sulcus, Lateral Fissure, Precentral Gyrus, Postcentral Gyrus, Superior Temporal Gyrus, Supramarginal Gyrus, Angular Gyrus, Heschl's Gyrus, Parietooccipital Sulcus, Wernicke's Area, and Broca's Area. This model will also be worth 5%. Grading forms are online.
4. Each student is to create an anatomy notebook by locating a picture of each indicated muscle (online list) and recording the origin, insertion, action and innervation for each (use your text as the source for these). Pictures may be downloaded from the Internet or photocopied from other sources, but the source must be indicated. Use the attached example as a guide. Related material (along with source notation) should be photocopied/printed and included after each muscle. Also locate a picture of each Cranial Nerve and include whether the nerve is sensory, motor, or mixed, the function, and the general speech or hearing involvement resulting from a lesion, and the course (or pathway). Use the included example as a guide. Each section must be completed and brought to class on the day scheduled for discussion. The completed notebook (**with index**) will be turned in at the end of the class. It must be completed in order to pass this class. You are to work **independently** on this project. Quizzes may be given over this material on the indicated day. Final grades on this project will be based on **completeness** and **neatness**.
5. Each student will complete the Anatesse 3.0 Lessons and Quizzes contained on the CD included in the text. The grade sheet **must be submitted on the appropriate date** indicated on the schedule. You may retake the quiz several times before the due date since the object is to learn the material. I will record the highest grade on the sheet on the day grades were to be submitted. Failure to submit grade sheet on the assigned date will result in 0% points on each quiz due. Quizzes will not be accepted after class on the due date. If you are ill, out-of-town, or involved in a school activity, the quizzes must be submitted early or sent to class with a fellow classmate. You **MUST** save your work on a Flash Drive.
6. Assignments may be given for out-of-class activities. These should be completed in a timely and neat manner.
7. You are encouraged to make an appointment to discuss questions you have regarding **any** of the material in this class.

Please keep up!

Grade: Values for the assignments will be as follows:

First Exam	12%
Second Exam	12%
Third Exam	12%
Fourth Exam	12%
Fifth Exam	12%
Final Exam	15%
Larynx Model	5%
Brain Model	5%
Anatomy Notebook	10%
Muscle & Reading quizzes	5%