SHS 302
Anatomy and Physiology of Hearing
Fall 2018

Instructor: Dr. Steve Oshrin  Office: SRS 119
Time: 11:00 - 11:50 M-W-F  Phone: 601-266-6842
Location: JBG 202


**Instructional objectives:**
Students in this class will:
- learn about anatomical nomenclature
- learn about the form and function of structures in the outer, middle and inner ear
- learn about the form and function of the central auditory pathways
- learn about the prenatal development of the auditory system
- learn about the pathological conditions that affect the auditory system
- learn to use internet resources to obtain information related to the auditory system

Information provided in this course is designed to meet Standards IV-B, IV-C, and IV-D of the ASHA Standards for Clinical Certification in Speech Language Pathology (2014). Information provided in this course is designed to meet Standards IV-A and IV-B of the ASHA Standards for Clinical Certification in Audiology (2012). Remediation assignments may be made if necessary to meet these objectives.

**Instructional outcomes assessment:** Meeting the objectives noted above will be determined by your scores on:
- daily quizzes
- on grades from 2-3 tests during the semester
- on a final cumulative exam

Students who are not making acceptable progress in the class may receive supplemental assignments or other remedial actions.

There will be a five question quiz during each class period. You will need to obtain a pack of 3 x 5 lined index cards for the quizzes. Each quiz will be worth five points and 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. Exams will be announced at least one week in advance. 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 and the final examination will be comprehensive.

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

It is my policy to round averages to the next highest integer. For example, if your final average is 79.47, I will round your average up to 80 and your grade will be B. If your average is 78.9, I will round your average up to 79 and your grade will be C. Please do not ask for extra credit, extra assignments, or extraterrestrial assistance.

Grade Grubbing
A grade grubber is a person who asks for a higher grade than he or she has earned. They often say “I’ve worked really hard in this class,” or “I never got lower than an A in any of my courses,” or “If I don’t get a B I won’t get into grad school.” Please don’t be a grade grubber – your final grade will be based solely on your achievement based on quiz scores, the midterm and the final exams.

Remediation
Students who are not progressing satisfactorily in this class may be assigned additional readings or activities designed to help meet the academic requirements of this course

Academic Honesty:
All students at the University of Southern Mississippi are expected to demonstrate the highest levels of academic integrity in all that they do. Forms of academic dishonesty include (but are not limited to):

- Cheating (including copying from others’ work)
- Plagiarism (representing another person’s words or ideas as your own; failure to properly cite the source of your information, argument, or concepts)
- Falsification of documents
- Disclosure of test or other assignment content to another student
- Submission of the same paper or other assignment to more than one class without the explicit approval of all faculty members’ involved
- Unauthorized academic collaboration with others
- Conspiracy to engage in academic misconduct

Engaging in any of these behaviors or supporting others who do so will result in academic penalties and/or other sanctions. If a faculty member determines that a student has violated our Academic Integrity Policy, sanctions ranging from resubmission of work to course failure may occur, including the possibility of receiving a grade of “XF” for the course, which will be on the student’s transcript with the notation “Failure due to academic misconduct.” For more details, please see the University’s Academic Integrity Policy. Note that repeated acts of academic misconduct will lead to expulsion from the University.

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 penalty. You must remain in class for the entire period for your quiz to be counted.

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

Cell phones/pagers/laptops: Please turn off cell phones, pagers, Ipods, Gameboys, etc. before entering class. If your cell phone rings during class, please hand it to me and I will answer it for you. If you use a
laptop or tablet to take notes, make sure you take notes and don’t visit Youtube, Facebook, Twitter or any other site.

Drop/Add: for dates, see the USM registrar’s page: http://www.usm.edu/registrar

Office hours: My office is located in room 119. Office hours are posted on the door.

Canvas Supplement: This classes utilizes Canvas as a supplement. You may access Canvas at https://usm.instructure.com/login/canvas or alternatively via the USM.edu website (click on “current students at the bottom of the homepage). Your logon ID is your student ID number (i.e. w123654) and the password is your SOAR password. On Canvas you will be able to access your grades for quizzes and exams, view copies of my PowerPoint presentations, read class announcements and find links to information regarding class topics. Exams for this class will be given via computer using Canvas and administered in the computer lab room 111 of the Speech and Hearing Building. There will be a number of times available for you to take each exam, and sign-up for testing times will be made through Canvas.

Tentative topic outline and reading assignments:

I  Introduction of basic concepts in anatomy and physiology. (Chapter 2)
II  The physics of sound as applied to hearing  (pp 299-300)
III  The external ear (pp 301-302)
IV  The middle ear (pp 302-311)
V  The inner ear  (pp 311-320)
VI  Central auditory pathways  (pp 320-326)
VII  Prenatal Development of the hearing mechanism
VII  Pathologies of the outer ear (pp 327-334)
IX  Pathologies of the middle ear (pp 334-339)
X  Pathologies of the inner ear (pp 339-350)

It is your responsibility to keep up with assigned readings. Questions from the readings will appear on the exams.

Disability Accommodations

If a student has a disability that qualifies under the Americans 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

Updated 22-Aug-18
\vmare-host\Shared Folders\Google Drive\SHS302_Lec\syllabi\syll_fall_2017.docx
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 emailing ODA at oda@usm.edu.