

CMSD 4000
Practical Aspects of Audiology
SUMMER 2005

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Overview: This course is designed to introduce students to traditional clinical procedures used in evaluating the human auditory system and treating individuals with hearing impairment. Students will get hands on practical experience regarding clinical test procedures that will complement the theoretical concepts discussed in Introduction to Audiology.

Objectives: At the end of this course the student should be able to:

1. Use of a conventional audiometer and be familiar with the basic procedures incorporated in a hearing evaluation.
2. Administer a basic tympanometry battery.
3. Administer a test of otoacoustic emissions.
4. Apply electrodes and conduct a basic auditory brainstem measurement.
5. Set-up and complete technical components associated with real ear measurements.

TEXT: No text is required.

Office Hours: 2 - 3 PM on Tuesdays and Thursdays in Room 538 Aderhold Hall.

Course Requirements:

1. Regular Attendance in class is essential for this course. More than 3 absences will reduce your grade by one letter.
2. Grades will be determined on class participation and a practical examination conducted at the end of the course.

Course Outline:

- I. Basic hearing measurements procedures
 - a. Pure tone (air conduction/bone conduction)
 - b. speech Audiometry
 - c. Masking (pure tones and speech)
- II. Tympanometry
- III. Otoacoustic Emissions
 - a. Screening
 - b. Diagnostic

- IV. Auditory Evoked Potentials
 - a. Screening
 - b. Diagnostic
- V. Real Ear Measurements
- VI. Procedures used with special populations
 - a. monotic procedures
 - b. dichotic dichotic procedures

THIS COURSE SYLLABUS IS A GENERAL PLAN FOR THE COURSE; DEVIATIONS ANNOUNCED TO THE CLASS BY THE INSTRUCTOR MAY BE NECESSARY.

FINAL GRADES

A practical examination will be given at the end of this course that will incorporate the clinical procedures taught throughout this course. Your grade will be based on your participation in the class and your performance on the practical examination. Letter grades are based on the following percentages:

- A = 90 – 100%**
- B = 80 – 89 %**
- C = 70 -79%**
- D = 60 - 69%**
- F = 59% and below**

HONOR CODE AND ACADEMIC HONESTY POLICY:

All academic course work must meet the standards contained in “A culture of Honesty.” All students are responsible for informing themselves about those standards before performing academic work. The policy, a portion of which is shown below, can be found at www.uga.edu/ovip/academic_honesty/culture_honesty.htm

All exams, and any academic work (e.g. homework, projects, term papers) are to be completed without assistance from former or current students, and without plagiarizing from the internet or other sources. Those violating this policy will be referred for disciplinary action.

The University of Georgia (the university) seeks to promote and ensure academic honesty and personal integrity among students and other members of the University community. A policy on academic honesty has been developed to serve these goals. Academic honesty is defined broadly and simply—the performance of all academic work without cheating, lying, stealing, or receiving assistance from any other person or using any source of information not appropriately authorized or attributed. Academic honesty is vital to the very fabric and integrity of the University. All students must comply with an appropriate and sound academic honesty policy and code of honest behavior. All members of the University community are responsible for and involved in bringing about an honest university, and all must work together to ensure the success of the policy and code of behavior. All members of the University community are responsible for knowing and understanding the policy on academic honesty. The statement on policy and procedures will be made readily available to all students and faculty to ensure understanding of the academic honesty system and its proper functioning. The entire University Community works together to operate the academic honesty.

