

**ADVANCED AUDIOLOGY**  
**COMD 7380 – Fall Semester 2007**  
**Th 1:30- 2:45 pm 2 semester hours**

**PROFESSOR:** Jeffery B. Larsen, Ph.D., CCC-A. **OFFICE HOURS:**

**OFFICE/ BLDG.** HSRC 306

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**Dept. Web:** [www.coe.edu/COMD](http://www.coe.edu/COMD)

**PREREQUISITES**

Acceptance into the graduate program in audiology

**COURSE DESCRIPTION**

Special auditory testing for site of lesion in the conductive, sensory, neural, and central auditory systems. Emphasizes immittance test battery and the basic behavioral audiological test battery. Tests for assessment of functional hearing loss are also included. Sensitivity and specificity of auditory tests are treated. Test results related to auditory disease process.

**COURSE OBJECTIVES/ASHA KNOWLEDGE AND SKILLS ACQUISITION (KASA)**

<b>Course Outcomes The student will:</b>	<b>Related Assessment</b>	<b>KASA Professional Standards (ASHA) (see KASA form for specific knowledge and skills competencies)</b>
Develop higher level thinking skills, involving the ability to analyze, synthesize, and evaluate information	Two exams, final exam,	III-C, XII-D, XIII-D
Describe the physical properties involved in the measurement of acoustic immittance	Performance in classroom discussions and activities; first exam; Final exam	XII-D, XIII-D
Perform an otoscopic evaluation of the ear and also perform cerumen management successfully	Performance in classroom activities, first exam, final exam	III-C, IV-D, XVII-D
Perform a comprehensive behavioral audiometric evaluation	Performance in classroom discussions and activities; 2-4 practical assignments, second exam, final exam	VII-D, XII-D, XIII-D, XVII-D

*Competencies:*

- B4. Anatomy and physiology, pathophysiology and embryology and development of the auditory and vestibular systems.
- C3. Identify individuals at risk for hearing impairment.

- D4. Perform an otoscopic examination.
- D7. Perform audiologic assessment measures.
- D8. Perform electrodiagnostic test procedures.
- D12. Interpret results of the evaluation to establish type and severity of disorder.
- D13. Generate recommendations and referrals resulting from the evaluation process.
- D17. Use instrumentation according to manufacturer's specifications and recommendations.

### **Knowledge and Skills Assessment (KASA)**

In this course each student will be provided with an opportunity to demonstrate required knowledge and/or skill development. These knowledge and skills will be assessed as delineated in the syllabus (by examination, paper, presentation, project, etc.). ASHA has specified that in order to be competent, you must achieve a level of 80% or better on each KASA item. If the student does not attain this level in this course, he/she will be provided with ONE additional opportunity (in the current class) to demonstrate this knowledge or skill. If the student does not pass the competency a second time, no action will be taken if another opportunity (course or clinic) remains available in which the skill can be acquired. However, if no such opportunity is available, the student will be asked to complete an exam/demonstration of the knowledge and/or skill as defined by the department. For students failing to attain the set criteria on a required competency assessment, the department head is not able to sign the KASA form required for ASHA certification, even though the student may receive an acceptable course/clinic grade or exceed the minimum GPA.

### **REQUIRED TEXTBOOK/READINGS**

No required text. Various readings will be assigned.

### **RECOMMENDED TEXTBOOKS**

Katz, J. (2004). Clinical Audiology. Singular Thomson Learning.  
Mueller, G.

### **COURSE FEE**

There is no fee associated with this course.

### **EVALUATION/GRADING/ASSIGNMENTS/REQUIREMENTS**

Two Exams – 44%

Four Assignments – 22%

Final Written and Practical Exam – 34%

**Grading:** The following university approved grading scale will be used:

- 93-100 = A
- 90-92 = A-
- 87-89 = B+
- 83-86 = B
- 80-82 = B-
- 77-79 = C+
- 73-76 = C
- 70-72 = C-
- 60-69 = D
- < 60 = F

### **TENTATIVE COURSE SCHEDULE/READING ASSIGNMENTS**

Reading assignments will be given in class and will be determined based on the prior knowledge of the class participants. Because the readings will be assigned as needed, it may be the case that different readings will be assigned to different class members.

Dates and exams are *tentative* and may be altered based on class progress at the discretion of the professor.

<u>Weeks</u>	<u>Lecture/Discussion Topic</u>
1-3	Basic audiometric test review
4-6	Immittance testing and theory TEST #1
7-9	Speech testing
10-12	Masking practice and theory TEST #2
13-15	Site of lesion testing

Final Exam: Will be given according to the schedule in the course schedule from the University.

### **COURSE POLICIES (taken directly from <http://www1.usu.edu/aia/academic/syllabusres.cfm>)**

#### **Academic Integrity - "The Honor System"**

Each student has the right and duty to pursue his or her academic experience free of dishonesty. The Honor System is designed to establish the higher level of conduct expected and required of all Utah State University students.

*The Honor Pledge:* To enhance the learning environment at Utah State University and to develop student academic integrity, each student agrees to the following Honor Pledge:

"I pledge, on my honor, to conduct myself with the foremost level of academic integrity." A student who lives by the Honor Pledge is a student who does more than not cheat, falsify, or plagiarize. A student who lives by the Honor Pledge:

- Espouses academic integrity as an underlying and essential principle of the Utah State University community;
- Understands that each act of academic dishonesty devalues every degree that is awarded by this institution; and
- Is a welcomed and valued member of Utah State University.

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#### **Grievance Process (Student Code)**

Students who feel they have been unfairly treated [in matters other than (i) discipline or (ii) admission, residency, employment, traffic, and parking - which are addressed by

procedures separate and independent from the Student Code] may file a grievance through the channels and procedures described in the Student Code: [http://studentlife.tsc.usu.edu/stuserv/pdf/student\\_code.pdf](http://studentlife.tsc.usu.edu/stuserv/pdf/student_code.pdf) (Article VII. Grievances, pages 25-30).

### **Plagiarism**

Plagiarism includes knowingly "representing, by paraphrase or direct quotation, the published or unpublished work of another person as one's own in any academic exercise or activity without full and clear acknowledgment. It also includes the unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials." The penalties for plagiarism are severe. They include warning or reprimand, grade adjustment, probation, suspension, expulsion, withholding of transcripts, denial or revocation of degrees, and referral to psychological counseling.

### **Sexual Harassment**

Sexual harassment is defined by the Affirmative Action/Equal Employment Opportunity Commission as any "unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature." If you feel you are a victim of sexual harassment, you may talk to or file a complaint with the Affirmative Action/Equal Employment Opportunity Office located in Old Main, Room 161, or call the AA/EEO Office at 797-1266.

### **Students with Disabilities**

The Americans with Disabilities Act states: "Reasonable accommodation will be provided for all persons with disabilities in order to ensure equal participation within the program. If a student has a disability that will likely require some accommodation by the instructor, the student must contact the instructor and document the disability through the Disability Resource Center (797-2444), preferably during the first week of the course.

Any request for special consideration relating to attendance, pedagogy, taking of examinations, etc., must be discussed with and approved by the instructor. In cooperation with the Disability Resource Center, course materials can be provided in alternative format, large print, audio, diskette, or Braille."

### **Withdrawal Policy and "I" Grade Policy**

Students are required to complete all courses for which they are registered by the end of the semester. In some cases, a student may be unable to complete all of the coursework because of extenuating circumstances, but not due to poor performance or to retain financial aid. The term 'extenuating' circumstances includes: (1) incapacitating illness which prevents a student from attending classes for a minimum period of two weeks, (2) a death in the immediate family, (3) financial responsibilities requiring a student to alter a work schedule to secure employment, (4) change in work schedule as required by an employer, or (5) other emergencies deemed appropriate by the instructor.