

SYLLABUS: COMD 7320 AMPLIFICATION I

Meets: Tuesdays 9:00 AM to 11:20 AM

Instructor

Name Jeffery B. Larsen, PhD, CCC-A

Phone: 435-797-2670

Fax: 435-797-0221

Office: 032 Lillywhite

E-mail: jeffery.larsen@usu.edu

Dept. Web: <http://comd.usu.edu/>

Office hours: Tuesdays 11:20 AM to 12:30 PM or by appointment

Learning Objectives (IDEA Course Evaluation) At the end of the semester students will be able to:

1. Describe the components, purpose, and key clinical service elements of the hearing aid process – **Gaining factual knowledge (IDEA course evaluation)**
2. Perform hearing aid tests (e.g., electroacoustic analysis) and critically analyze results and problem solve as appropriate – **Learning to apply course materials (IDEA course evaluation)**
3. Identify perspectives, concerns, and common barrier for adults related to accepting and managing their hearing loss – **Developing specific competencies and points of view needed by professionals (IDEA course evaluation)**

Required Text Book/Readings

Taylor, B. & Mueller, H.G. (2011). *Fitting and dispensing hearing aids*. San Diego, CA: Plural Publishing, Inc.

Course Fee: \$20

Expectations In this course you will be involved as an active learner through integrating lecture materials, hands-on activities, group projects and presentations. This course is designed to build on information gained throughout the semester to provide you with practice in integrating concepts and synthesizing information. A combination of materials presented in Canvas, in-class activities, and case-based take home exams will be used to assess your ability to understand and explain concepts, and critically analyze information

Competencies: American Speech-Language-Hearing Association 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. These KASA competencies apply specifically to students in the doctor of audiology program. 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. Learner Objectives: Following successful completion of this course, students will have demonstrated content knowledge and skill competency in the following areas:

Evaluation/Grading/Assignments

KASA knowledge/skill	IDEA Objective #	Evaluation Method
A9, A15, A16, A22, A24-A26	1, 2, 3	Exams #1 and #2, lab assignments
C2, C3, C9, C11	1, 3	Exams 1, 2, and Final
D1, D2, D7	1, 2, 3	Exam #1, lab assignments, class presentation
E1	1, 2	Final exam, lab assignments
F1, F2	1, 3	Final exam

- A9. Patient characteristics (e.g. age, demographics, cultural and linguistic diversity, medical history and status, cognitive status, and physical and sensory abilities) and how they relate to clinical services
- A15. Assistive technology
- A16. Effects of cultural diversity and family systems on professional practice
- A22. Oral and written forms of communication
- A24. The use of instrumentation according to manufacturer's specifications and recommendations
- A25. Determining whether instrumentation is in calibration according to accepted standards
- A26. Principles and applications of counseling
- C2. Assessing individuals with suspected disorders of hearing, communication, balance, and related systems
- C3. Evaluating information from appropriate sources and obtaining a case history to facilitate assessment planning
- C9. Evaluating functional use of hearing
- C11. Referring to other professionals, agencies, and/or consumer organizations
- D1. The provision of intervention services (treatment) to individuals with hearing loss, balance disorders, and other auditory dysfunction that compromises receptive and expressive communication
- D2. Development of a culturally appropriate, audiologic rehabilitative management plan that includes, when appropriate, the following:
 - A. evaluation, selection, verification, validation, and dispensing of hearing aids, sensory aids, hearing assistive devices, alerting systems, and captioning devices, and educating the consumer and family/caregivers in the use and adjustment to such technology
 - B. determination of candidacy of persons with hearing loss for cochlear implants and other implantable sensory devices and provision of fitting, mapping, and audiologic rehabilitation to optimize device use
 - C. counseling relating to psychosocial aspects of hearing loss and other auditory dysfunction, and processes to enhance communication competence
 - D. provision of comprehensive audiologic treatment for persons with hearing loss or other auditory dysfunction, including but not exclusive to communication strategies, auditory training, speech reading, and visual communication systems
- D7. Evaluation of the efficacy of intervention (treatment) services
- E1. Educating and advocating for communication needs of all individuals that may include advocating for the programmatic needs, rights, and funding of services for those with hearing loss, other auditory dysfunction, or vestibular disorders
- F1. Measuring functional outcomes, consumer satisfaction, efficacy, effectiveness, and efficiency of practices and programs to maintain and improve the quality of audiologic services
- F2. Applying research findings in the provision of patient care (evidence-based practice)

Points for exams and assignments Exams are worth 100 points each (300 total). Lab assignments are worth 40 points each (5 for a total of 200 points). The class presentation is worth 50 points. 550 points total for the course

Grading Scale

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