

College of Health and Human Services
Hearing Sciences: Speech-Language Sciences Technology
CSD 456: Survey of Audiology
3 credit hours
Fall 2022

Instructor: Erin Walker, Au.D., CCC-A
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Course prerequisites

CSD 376: Hearing Science, or its equivalent.

Course description

Introduction to basic audiological procedures used in the clinical assessment of hearing and the rehabilitation of hearing loss.

Learner (Course) Objectives

You will be able to:

1. Describe procedures involved in performing a basic audiological evaluation. (Standard V-A)
2. Interpret the results of a basic audiological evaluation. (Standard V-A)
3. Describe procedures incorporated when performing hearing tests on pediatric patients. (Standard V-A)
4. Describe the relationship between pathologies of the auditory system and hearing loss. (Standard IV-C)
5. Describe listening devices available to the hearing impaired and when these devices may be used. (Standard IV-D)
6. Describe communication procedures incorporated in an aural (re)habilitation program for the hearing impaired. (Standard IV-D)

Standard IV-C

The applicant must have demonstrated knowledge of communication and swallowing disorders and differences, including the appropriate etiologies, characteristics, anatomical/physiological, acoustic, psychological, developmental, and linguistic and cultural correlates in the area of communication disorders.

Knowledge will be conveyed through class lecture, demonstration, and readings. Acquisition will be demonstrated through class discussion, assignments, labs, and tests.

Standard IV-D

For each of the areas specified in Standard VI-C, the applicant must have demonstrated current knowledge of the principles and methods of prevention, assessment, and intervention for people with communication and swallowing disorders, including consideration of anatomical/physiological, psychological, developmental, and linguistic and cultural correlates.

Knowledge will be conveyed through class lecture, demonstration, and readings. Acquisition will be demonstrated through class discussion, assignments, labs, and tests.

Standard V-A

The applicant must have demonstrated skills in oral and written or other forms of communication sufficient for entry into professional practice.

Course Structure/Approach

The course will involve weekly lectures with accompanying weekly assignments and cumulative examinations.

Text

Martin, F.N. and Clark, J.G. (2019). *Introduction to Audiology, Thirteenth Edition*. Allyn and Bacon: Boston.

Readings

All topics will be covered in lectures and readings from the course text. Emphasis will be placed on information covered in lectures. Outside readings, including the textbook, can be considered supplemental to the materials covered in lecture.

Lectures

Each topic will be presented through a recorded lecture (Dr. Dan Boss). All exams and assignments will be based on information provided by in lectures and readings.

Outcome Measures

1. Achieving 60% or better on tests of clinical knowledge.
2. Achieving 60% or better on class assignments of clinical knowledge.

Evaluation Methods

Grades: Grades will be based on the total points you achieve. Letter grades will be assigned as follows:

A	900 – 1000 points
B	800 – 899 points
C	700 – 799 points
D	600 – 699 points
F	≤ 599 points

Assessment of Learner Outcomes

Assignments (50 points each): Each week you will have one or more assignments to evaluate your knowledge of materials covered in the lecture (refer to the Tentative Timeline for Fall 2022). The format of these assignments may include multiple choice, true/false, matching, short answer, and/or essay. You are responsible for the completion of each assignment.

Assignments will become available during the week of the class lecture to which it is pertaining. To open and work on the assignment:

- Click Assignment;
- Click the Assignment Title, for example: "Module 1, Assignment 1";
- Click Begin.

As you move from one question to the next, your answers will automatically be saved. At the top of the assignment page, you can click "Question Completion Status" to find out which answers have been completed and saved. When you are finished with the assignment and ready to submit it, click save and

submit. The assignment is turned in and automatically graded. Once submitted, you cannot make any changes to your answers. You have **two attempts per assignment**. Your highest score achieved will be recorded for your grade on that assignment

All assignments are due at the end of the week, by Saturday at 11:59 PM (MST). **Late work is not accepted.** Missed assignments will receive a score of zero (0).

Examinations (100 points each): Three examinations will be given to evaluate your knowledge of the subject matter.

- Exam 1 – Elements of Audiology
- Exam 2 – Hearing Assessment
- Exam 3 – Hearing Disorders and Management of Hearing Loss

The format of the exams is multiple choice, matching, fill-in-the-blank, and/or short answer. **You will only be able to open the exam once so be sure you are ready to take the exam before you open it.** Once you open the exam, you will have two (2) hours in which to complete the exam. Once the exam is submitted you may not reopen it. *You will only have one attempt for each exam.* Each exam is to be taken by each student individually abiding by the NAU Academic Code of Integrity (see attached). If cheating is suspected or confirmed, evaluation methods will be modified.

Any exam that is missed can be made up during the last week of class. **You must contact me through BBLearn Messages that you will need to take the make-up exam. I will not automatically assume that you would like to take the make-up exam.** The make-up exam will be cumulative; that means it will include all material covered over the entire semester. The make-up exam will be primarily short answer and essay. If you miss more than one exam, your grade on the make-up exam will be counted for only one of your missed exams (i.e. it cannot be counted for multiple missed exams).

Course Policies

All PowerPoints, lectures, and assignments will be available on the Sunday of the corresponding module. The assignment for the associated week is due on Saturday by 11:59 PM (MST). Late work is not accepted for assignments or exams. Any assignment or exam not turned in will receive a zero (0).

The Course Timeline will provide information regarding the module for the week, the date each assignment is due, and the date each exam opens and closes. I reserve the right to change the course timeline, as needed.

Communication

The best way to communicate with me is through BBLearn Messages. I will try my best to respond to your email within 48 hours. If you do not hear back from me after 48 hours, feel free to reach out to me by email: ewalker1018@gmail.com

Respect: Keep in mind that I am your professor and expect to be treated with respect in your e-mails. I, in turn, will respond to you with respect. Guidelines to be followed when writing your e-mail include using an appropriate subject line, greeting, and salutation, and proofreading your e-mail before sending it.

Student Work Responsibility

You are responsible for completing all work. If you should encounter problems that interfere with or potentially interfere with your ability to fulfill the course requirements, *please notify me as soon as possible*. While I do not necessarily need to know the details of the problems, you should at least identify a “generic” contributor to the problem (e.g. health, finances, living situation, personal, etc.). If you do not feel comfortable discussing your situation with me, contact **Student Support Services** at <http://home.nau.edu/edsup/sss/> or **523-6980**. **Do not wait until the conclusion of the semester to explain any interruptions and/or disruptions to your studies.**

Code of Academic Integrity

ACADEMIC DISHONESTY is a form of misconduct that is subject to disciplinary action under the Student Code of Conduct and includes the following: cheating, fabrication, fraud, facilitating academic dishonesty and plagiarism.

1. **Plagiarism:** any attempt to pass off other's work as your own
2. **Cheating:** any attempt to gain an unfair, hidden advantage over one's fellow students
3. **Fabrication:** any attempt to present information that is not true
4. **Fraud:** any attempt to deceive an instructor or administrative officer of the university

Students engaging in activity meeting the definition of academic dishonesty are subject to one of the penalties listed below. As the faculty member, I reserve the right to assign the penalty based upon my perception of the severity of the offense.

1. Assign the student extra course work.
2. Require the assignment or examination to be repeated.
3. Reduce the grade on the assignment or examination.
4. Award zero grade on the assignment or examination.
5. Require the student to drop the course.
6. Award a failing grade in the course.

The complete Academic Dishonesty policy may be found at the following URL:
http://www4.nau.edu/stulife/StudentHandbook/Appendix_G_AcademicDishonesty.htm