

Spring 2025

Introduction to Audiology

CSD 3020-01 AUDIOLOGY: The anatomy of the hearing mechanism, the process of hearing, tests for impaired functions of the ear, and rehabilitation of the aurally handicapped. Supervised practice in testing hearing. Prerequisite: CSD 250.

Instructor: Kevin Tripp, Au.D.

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Credit Hours: 3

I. COURSE DESCRIPTION

The purpose of this course is to provide students with information on basic audiological assessments, evaluations, and specific terminology related to the field of audiology. In addition, this course will cover selection and evaluation of assistive devices for individuals with hearing loss.

II. COURSE OBJECTIVES

1. General Knowledge of:

- a. Audiology Terminology
- b. Audiology the Profession
- c. History of Audiology
- d. Anatomy and Physiology of the Ear

2. Knowledge of:

- a. Properties of Sound
- b. Hearing Assessment
- c. Medical Audiology
- d. Electrophysiological Testing of the Auditory System

3. Knowledge of American Disabilities Act as it pertains to hearing loss

4. Knowledge of Selection and Fitting of Assistive Listening Devices and Hearing Aids

III. Course Requirements

This course has been designed to provide a basic understanding of audiology for future speech pathologists and audiologists. Information on various devices, candidacy, habilitative/rehabilitative management and new technologies will be presented. The class requirements include:

- Assigned Readings
- Quizzes/Worksheets
- Examinations
- Audiology Portfolio

POLICIES REGARDING ASSIGNMENTS: Assignments are to be turned in to the instructor on time. Late assignments will be penalized 10% for each day that it is late.

Required Texts:

Introduction to Audiology 13th edition
Martin, F. & Clark, J.
Allyn & Bacon, Needham Heights, MA.

IV. Scoring

90%-100%	A
80%-89%	B
70%-79%	C
60%-69%	D
0%-59%	F

Assessment:

The University provides programs that enable students to acquire essential knowledge, skills, and dispositions in their academic disciplines for successful careers, advanced studies, and servant leadership.

CODE OF CONDUCT: Students are to conduct themselves in professional manner.

Academic Integrity

Academic dishonesty will result in penalties up to and including dismissal from the class with a failing grade and will be reported to the Director of Academic Affairs. All instances of dishonesty will be handled according to the procedures delineated in the Harding University catalog.

V: COURSE SCHEDULE

WEEK 1	Chapter 1 (The Profession of Audiology)Course Overview
WEEK 2	Chapter 3 (Sound and Its Measurement)Acoustics / A&P Intro
WEEK 3	Chapter 2 (The Human Ear and Simple Tests of Hearing) Anatomy and Physiology of Ear Types and Degree of Hearing Loss
WEEK 4	TEST #1
WEEK 5	Chapter 9 (The Middle Ear) Disorders of Outer/Inner ear
WEEK 6	Chapter 9 (The Middle Ear)Tympanometry / Tympanometry Lab
WEEK 7	Chapter 4 (Pure Tone Audiometry)
WEEK 8	Chapter 5 (Speech Audiometry) TYMP LAB DUE
WEEK 9	SPRING BREAK
WEEK 10	REVIEW AUDIOMETRY
WEEK 11	TEST #2 / intro Audiology Notebook Assignment
WEEK 12	Hearing Screening
WEEK 13	Chapter 7 (Objective Tests of Hearing)
WEEK 14	Chapter 8 (Pediatric Testing)
WEEK 15	Configurations of Hearing Loss / Determining Diagnostic Reliability
WEEK 16	Professional Issues
WEEK 17	PORTFOLIOS DUE / FINAL EXAMINATION

****NOTICE: These dates and/or topics may be subject to change according to the instructor's discretion.**

PLEASE NOTE: No final examination date changes will be allowed unless authorized by the instructor.

Credit Hour Calculator Statement

For every hour in class, the typical student should expect to spend at least two clock hours on course-related work, including but not limited to out-of-class time spent reading, problem solving, reviewing, organizing notes, preparing for upcoming quizzes/exams and other activities that enhance learning.

Disability Statement Students with Disabilities: It is the policy for Harding University to accommodate students with disabilities, pursuant to federal and state law. Therefore, any student with a *documented disability* condition (e.g. physical, learning, or psychological) who needs to arrange reasonable accommodations must contact the instructor and the Disabilities Office at the *beginning* of each semester. (If the diagnosis of the disability occurs during the academic year, the student must self--identify with the Disabilities Office *as soon as possible* in order to get academic accommodations in place for the remainder of the semester.) The Disabilities Office is located in Room 205 in the Student Center, telephone, (501) 279-4019.