

**Fall 2024**

**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
- Lab Exercises
- 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. Unless other arrangements have been made with the instructor, all assignments must be submitted in hard copy – electronic copies thru email will not be accepted. Any assignment consisting of more than 1 page MUST be stapled. Multiple page assignments which are turned in without staples will be penalized 10 points.

**ATTENDANCE POLICY:** One unexcused absence allowed. ( 5% reduction in overall grade for each additional unexcused absence. ) Quizzes missed due to an unexcused absence or late arrival to class may not be made up. Tests missed due to an EXCUSED absence may be made up. Notification of the excused absence and arrangements for making up the exam need to be discussed with the instructor prior to the time of the test. If you have an excused absence, you will need to submit a Quiz Make-Up form along with the make-up assignment to the instructor within 2 weeks of the absence.

#### **Required Texts:**

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

### IV. Scoring

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

**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.**

**\*\*Texting/Use of cell phones is not permitted during class time.**

**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**

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

**\*\*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.**

**Cell Phones: use is prohibited during class unless specifically encouraged by the instructor for a particular class activity.**

**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.

## **VI. Regarding Online Learning**

**If online learning is necessary:**

- Class will be held via a Google Meeting at our regular class time**
- Class recordings (if available) and all supplemental materials will be made available to students via a shared Google Drive folder**
- quiz/assignment assessment will transition to electronic administration/submission**
- Students will be “present” for online classes by having their cameras active during class time (ie, the instructor can see the student)**

## **VII. Regarding Student Need for Online Learning (Covid Related)**

- Class recordings (if available) and all supplemental materials will be made available to students via a shared Google Drive folder**
- quiz/assignment assessment will transition to electronic administration/submission to allow for course completion**
- As soon as the need to shift to Online Learning occurs, students are to communicate with the instructor via email**

**CSD 3020-01**

**QUIZ MAKE-UP FORM**

**NAME:**

**DATE OF EXCUSED ABSENCE:**

**REASON FOR ABSENCE:**

**EMAIL ADDRESS:**

**Submit this form to your instructor and a make-up assignment will be emailed to you.**