



CSD 222: Introduction to Audiology

| 3 credits | Prerequisite(s): none

Course Catalogue Description

CSD 222: Introduction to the principles of acoustics as a basis for understanding hearing assessment. Development of ability to interpret audiograms as well as the results from a hearing evaluation. Includes pure, tone audiometry, speech audiometry, acoustic immittance and acoustic reflex testing. Hearing screening procedures are also included.

Course Objectives

Upon successful completion of this course, students will be able to:

1. Describe the physical and psychological properties of sound
2. Recall basic anatomy and physiology of the auditory system
3. Identify basic diagnostic and screening procedures of the auditory mechanism
4. Perform basic audiometric tests in a virtual environment
5. Interpret basic audiometric test findings
6. Identify site-of-lesion and specialty tests in audiology
7. Recognize common auditory (and related) disorders
8. Discuss basic approaches to managing auditory (and related) disorders

Course Texts

Required Textbook

Hall, James W. *Introduction to Audiology Today*, Pearson, New Jersey. 2014 ISBN-13: 9780133347890

Other Materials: Additional readings and materials will be posted throughout the term on the course website