Pacific Audiology Group

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HEARING SCREENING

COURSE DESCRIPTION

This course provides foundational knowledge and training to perform hearing screenings. It is designed to give learners an introduction to the auditory anatomy and physiology and to introduce hearing screening tests. This course is ideal for sensory screeners, ENT hearing screeners, support staff, audiology assistants, or anyone who may perform hearing screening or basic threshold searches. Theta, a hearing test simulator, is included with the course to give you hands-on practical experience in a low-risk environment, and it gives realistic, human-like responses during screening tests.

CURRICULUM

1. **Unit 1: Intro and Anatomy**
    a. The human ear
    b. The outer ear
    c. The middle ear
    d. The inner ear
2. **Unit 2: Hearing Test Basics**
    a. The audiogram
    b. Audiogram interpretation
    c. The audiometer
    d. Hearing screening
3. **Unit 3: Finding Thresholds**
    a. Air conduction thresholds
    b. Bone conduction thresholds
4. **Unit 4: Additional Resources**
    a. Additional resources

LEARNING OBJECTIVES

1. By completing this course, you will gain the theoretical knowledge necessary to conduct hearing screening and basic (unmasked) threshold searches. This includes an understanding of a hearing threshold, the audiogram, sound intensity and frequency, and outcomes of hearing screening (pass, refer, and audiogram interpretation).

2. By completing this course, you will gain practical experience with air conduction hearing screening at a fixed level. This includes which frequencies and levels to check and making appropriate determinations of screening outcomes (i.e., pass, refer, could not test) based on the screening results.

3. By completing this course, you will gain practical experience with air and bone conduction threshold searches using an adaptive level technique (i.e., modified Hughson-Westlake) to obtain unmasked audiograms. This includes finding thresholds, considerations for testing (e.g., interoctaves, stimulus duration and consistency, etc.), and basic principles of audiogram interpretation.