



Online Continuing Education Courses
www.OnlineCE.com



AOTA Approved Provider #4023

Course Title: Assistive Technologies 123

Course Subtitle: Sensory Aids for Persons with Auditory Impairment

Source: Assistive Technologies: Principles and Practice, 4th ed, by Albert Cook, PhD, PE and Janice Miller Polgar PhD, OT

Source Description: It's here: the latest edition of the one text you need to master assistive strategies, make confident clinical decisions, and help improve the quality of life for people with disabilities. Based on the Human Activity Assistive Technology (HAAT) model, Assistive Technologies: Principles and Practice, 4th Edition provides detailed coverage of the broad range of devices, services, and practices that comprise assistive technology, and focuses on the relationship between the human user and the assisted activity within specific contexts. Updated and expanded, this new edition features coverage of new ethical issues, more explicit applications of the HAAT model, and a variety of global issues highlighting technology applications and service delivery in developing countries.

View outline of content below for inclusive content and details regarding the Assistive Technologies 123 course.

Target Audience: OT/OTA and other healthcare professionals

Course Length: 2 hours

Course Author/Instructor: Albert Cook, PhD, PE and Janice Miller Polgar PhD, OT /Brown, MS, OTR/L

Educational Level: Introductory, Intermediate, Advanced

The course is written at the intermediate level, but learners of all levels will benefit from the information.

Course Objectives:

At the end of the course, participants will be able to:

- Describe the major types of hearing loss and their cause
- Describe the types of hearing aids and their features
- List ways that people who are hard of hearing or deaf can use telephones
- Describe how common devices can be adapted for use by a person who is hard of hearing or deaf
- Discuss the major approaches used to support communication for individuals who are deaf and blind

- Describe how computer outputs are adapted for individuals with auditory limitations

Outline of Content:

Hour #1

Activity Component
Human Component
Auditory Function
Hearing Loss
Fundamental Approaches to Auditory Sensory Aids
Augmentation of an Existing Pathway
Use of an Alternative Sensory Pathway
Aids for Persons with Auditory Impairments
Hearing Aids

Hour #2

Cochlear Implants
Telephone Access for Persons Who Are Deaf
Access to Mobile Phones for People Who Are Deaf
Technology for Face-to-Face Communication Between
Hearing and Deaf Individuals
Alerting Devices for Persons with Auditory Impairments
Assistive Listening Devices
Captioning As an Auditory Substitute
Basic Principles of Computer Adaptations for Auditory
Impairments
Aids for Persons with Both Visual and Auditory Impairments
Context Component
Assessment
Auditory Thresholds

Course Completion Requirements:

A minimum passing score of 100% is required for course completion. You will have as many attempts as needed until your passing score of 100% is achieved. Upon successful completion of the course, you will receive your certificate of completion and AOTA eligible CEUs.

AOTA Classification Codes:

- Category 1: Domain of OT
- Category 2: Occupational Therapy Process
- Category 3: Professional Issues

Additional Policies:

OnlineCE Policies are available by clicking on the tab – Policies – located in the left-hand navigation bar.

OnlineCE.com is an AOTA Approved Provider of continuing education. AOTA does not endorse specific course content, products, or clinical procedures.