



Online Continuing Education Courses
www.OnlineCE.com



AOTA Approved Provider #4023

Course Title: Assistive Technologies 103

Course Subtitle: Augmentative and Alternative Communication Systems

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 103 course.

Target Audience: OT/OTA and other healthcare professionals

Course Length: 3 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 different communicative needs of persons with disabilities
- Discuss the basic approaches to meeting these differing needs
- Recognize the needs that individuals have for conversation and for graphical output such as writing, mathematics, and drawing
- Describe the ways that mainstream technologies are used to meet AAC needs
- Describe the major characteristics of alternative and augmentative communication devices

- Describe current approaches to speech output in assistive technologies
- List and describe the major approaches to rate enhancement and vocabulary expansion
- Describe the major assessment questions that must be asked and answered in determining the most appropriate alternative and augmentative communication device for an individual user
- Discuss the major goals for and the significance of training in augmentative and alternative communication device use and communicative competence
- Delineate the steps and procedures involved in implementing an augmentative and alternative communication device for an individual consumer

Outline of Content:

Hour #1

Activity Component

What Is Augmentative and Alternative Communication?

Communication Activities That Can Be Aided by Augmentative and Alternative Communication

Human Component

The Importance of Augmentative Communication in the Lives of People With Complex Communication Needs

Disabilities Affecting Speech, Language, and Communication

AAC for Individuals With Developmental Disabilities

AAC for Individuals With Acquired Disabilities

AAC for Individuals With Degenerative Conditions

Context Component

Partners of People With Complex Communication Needs Who Rely on Augmentative and Alternative Communication

Attitudes About and Acceptance of Augmentative and Alternative Communication

Attitudes About and Acceptance of Augmentative and Alternative Communication

Hour #2

Assistive Technologies for Alternative and Augmentative Communication

Ways of Representing Language in AAC

No-Tech AAC Systems

Low-Tech AAC Systems

High-Tech AAC Systems

Options for Making Selections in an AAC Device

Vocabulary Storage and Retrieval Techniques

Vocabulary Programs for Language Development

Conversationally Based Vocabulary Storage and Retrieval

AAC System Outputs

Written Output

Outputs to Control Assistive Technologies
Access to Mainstream Technologies
Internet Access
Cell Phones

Hour #3

Configurations of Commercial Speech Generating Devices
Setting Up an AAC System for Use
How to Choose Parts for a Mounting System
Implementation of Augmentative Communication Systems
Training System Use: Developing Communicative Competence
Augmentative and Alternative Communication Evaluation and Assessment
The Augmentative and Alternative Communication Team
Assessment of Persons With Complex Communication Needs
Relating Goals and Skills to Augmentative and Alternative Communication System Characteristics
Outcomes
Summary

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.