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AOTA Approved Provider #4023

**Course Title:** Assistive Technologies 102

**Course Subtitle:** Assistive Technologies for Cognitive Augmentation

**Source:** Assistive Technologies: Principles and Practice, 4<sup>th</sup> 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 102 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:

- Apply the human activity assistive technology model to help identify appropriate assistive technologies for individuals with cognitive disabilities.
- Identify cognitive skills that underlie functional performance for persons with cognitive disabilities.
- Understand what cognitive faculties are commonly compromised in specific disorders.
- Understand the role of assistive technologies in aiding cognitive function.

- Identify and describe some of the technologies, both mainstream and assistive, that are currently available to assist individuals with cognitive impairments.

### **Outline of Content:**

#### **Hour #1**

Activity Component  
Human Component  
Cognitive Skills  
Perception  
Attention  
Memory  
Orientation  
Knowledge Representations

#### **Hour #2**

Problem Solving  
Language and Learning  
Disorders That May Benefit from Cognitive Assistive Technologies  
Congenital Disabilities  
Acquired Disabilities

#### **Hour #3**

Cognitive Skills Related to Specific Disorders  
Assistive Technologies That Address Cognitive Needs  
General Concepts  
Cognitive Assistive Technologies  
Context Component  
Assessment  
Outcomes

### **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.

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