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AOTA Approved Provider #4023

Course Title: Assistive Technologies 124

Course Subtitle: Accessing Mainstream Information and Communication Technologies:
The Technology and the Web

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 124 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 issues facing people with disabilities who want to use mainstream technologies
- Describe the user interface for mainstream technologies
- Describe the major approaches to computer keyboard and mouse emulation
- Describe the major approaches for generating accessibility to tablet technologies

- Describe the major approaches for generating accessibility to smart phone technologies

Outline of Content:

Hour #1

Activity: Accessing the Information Highway
Cell Phone Accessibility
Internet Accessibility
Raising the Floor
Assistive Technology: Input Accessibility for
Mainstream Technologies
Complexity in Mainstream Devices
Universal Design for Information and Communication
Technologies
Standards
Cross-Platform Accessibility
Automatic Speech Recognition as an Alternative Input
Brain-Computer Interface
Computer Access
Built-In Software Adaptations to the Standard Keyboard
and Mouse

Hour #2

Third-Party Accessibility Options
Access to Phones and Tablets
Built-In Accessibility Features
After-Market Accessibility Options
Mounting
Context
Social Context Connections via Information and
Communication Technologies
Institutional Context
Physical Context: Ambient and Ubiquitous Computing
Assessment
Computer Access Assessment
Phone Access Assessment
Tablet Access Assessment
Outcomes
Keeping Up with Innovations
Keeping Mainstream Technologies Accessible

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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