



Course Title: Assistive Technology 124 - Accessing Mainstream Information and Communication Technologies: The Technology and the Web

Course Description:

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 Type: Video vs. Text-based

Educational Level: Beginner, Intermediate, Advanced

CE Hours: 2 contact hour / .2 ceu

Course Prerequisites: None

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

Learning Objectives:

- 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

Agenda:

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 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 course and completing a satisfaction survey, you will receive your certificate of completion.

Additional Course Information

Course Registration: Register for Free at www.OnlineCE.com. Once registered, you can begin to purchase courses. Contact info@onlinece.com for special needs requests and assistance.

Refund Policy: There will be no refunds for courses taken at OnlineCE.com or monies deposited into My CE Bank. Any money on account will be used for taking future courses. If you start a course in error, or if you are dissatisfied with a course, please contact us in the first part of the course and we will void the course and you can select a replacement course.

Cancellation Policy: Only available courses are offered online and on-demand and available for purchase. No registration fees are collected for courses that are not provided on-demand. Due to the online and on demand format, courses are not cancelled.

Course Date and Location: This is an independent course that is available 24/7 on-demand at www.OnlineCE.com.

Required Materials and Equipment: Courses offered on OnlineCE.com can be accessed on any type of computer or device. No special software is required but we do recommend the use of the Chrome Browser (recommended, not required). All course materials are contained within the courses and no prerequisites are required.



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