




## ASHA CEUs

### Instructions Forms

### “AAC Technology Design for Persons with Aphasia”

<p>APPROVED PROVIDER</p>  <p>ASHA CONTINUING EDUCATION</p> <p>AMERICAN SPEECH-LANGUAGE-HEARING ASSOCIATION</p>	<p>LingraphiCARE America is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology</p>
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and audiology. **See course information for number of ASHA CEUs, instructional level and content area.** ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

This course is offered for 0.1 ASHA CEUs (Introductory level; Professional area).

[www.aacdevice.com](http://www.aacdevice.com)

888-274-2742

# Complete a 0.1 ASHA CEU Course

Speech-language pathologists (SLPs) are invited to participate in a one-hour ASHA-approved course offering, "AAC Technology Design for Persons with Aphasia." To be eligible to receive 0.1 ASHA CEUs (Introductory level), please see the guidelines below.

For more information about ASHA's most up-to-date eligibility criteria, go to the FAQ section of the ASHA CE website: <http://www.asha.org/CE/FAQs/>.

## Course Description:

This course identified, discussed, and illustrated how good design matters in making rehabilitation technologies both usable by and beneficial to persons with acquired aphasia and related disorders..

## Learning Outcomes:

By completing this course, participants will be able to:

1. Discuss and illustrate the kinds of deficits frequently encountered in persons with aphasia that can make interface design adaptations worthwhile.
2. Discuss at least one example of design that addresses motoric deficits in this population, such as dominant-hand weakness resulting from a right hemiparesis.
3. Discuss at least one example of design that promotes improved sensory performance, say, In improved processing of acoustic signals for comprehensibility, or in positioning of materials to avoid screen areas that may be visually neglected.
4. Adduce and discuss at least one example of design that exploits autonomic responses for rehabilitative benefit, say, with benefits in improved auditory verbal comprehension, or In for cueing one's speech.

## Additional courses in the Evidence-based Practice track include:

- Improvements in Chronic Global Aphasia with Advanced Therapy and Home Practice (Introductory, 0.05 ASHA CEUs)
- Improvements in Chronic Conduction Aphasia with Therapy and Online Home Practice (Introductory, 0.1 ASHA CEUs)
- Maximizing Patient Outcomes by Leveraging Clinical Data from Online Therapy (Introductory, 0.05 ASHA CEUs)

## Processing:

Online course completions are reported to ASHA quarterly. Please allow eight to ten weeks for processing. Lingraphica will issue a certificate of participation to each SLP who completes a CEU course.

For more information, or to start a device trial, contact: [continuinged@lingraphica.com](mailto:continuinged@lingraphica.com)

# AAC Technology Design for Persons with Aphasia

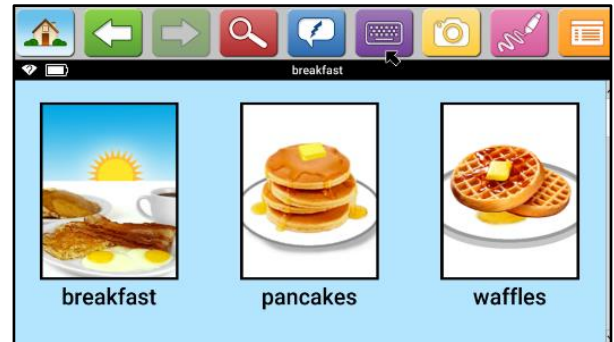
## Design for Motor Issues:

Icon enlargement - easier-to-hit targets

Direct manipulation interface

Touchscreen operation

Alternative input availability



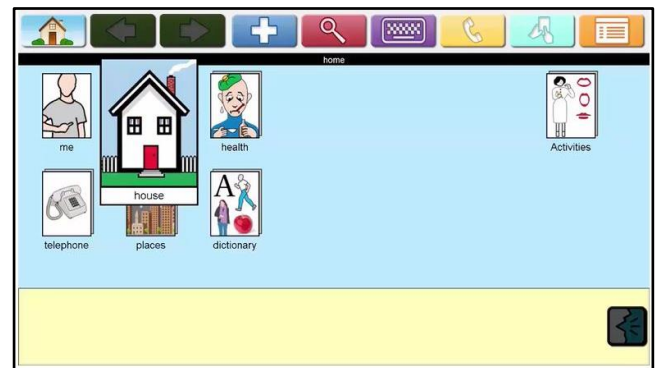
## Design for Sensory Issues:

Icon interaction design – heightens user attention, receptivity

Screen elements – icons, text – resizable for visibility

Coordinated, multimodal feedback – text / graphic / speech

Feedback stimuli personalizable to individual users



## Design for Cognitive Issues:

User personalization of contextual visual scenes – add own icons

User preferences of icon responses – drawing, photo, animation, video

Users pacing of interactions – to afford processing times

User choice of purposes – therapeutic, orthotic, and/or prosthetic

