Universal Design for Learning Guidelines

I. Provide Multiple Means of **Representation**

1: Provide options for perception

- 1.1 Offer ways of customizing the display of information
- 1.2 Offer alternatives for auditory information
- 1.3 Offer alternatives for visual information

II. Provide Multiple Means of Action and Expression

4: Provide options for physical action

- 4.1 Vary the methods for response and navigation
- 4.2 Optimize access to tools and assistive technologies

5: Provide options for expression and communication

- 5.1 Use multiple media for communication
- 5.2 Use multiple tools for construction and composition

5.3 Build fluencies with graduated levels of support for practice and performance

6: Provide options for executive functions

- 6.1 Guide appropriate goal-setting
- 6.2 Support planning and strategy development
- 6.3 Facilitate managing information and resources
- 6.4 Enhance capacity for monitoring progress

9: Provide options for self-regulation

9.1 Promote expectations and beliefs that optimize motivation

III. Provide Multiple Means of

Engagement

7: Provide options for recruiting interest

7.3 Minimize threats and distractions

7.1 Optimize individual choice and autonomy

7.2 Optimize relevance, value, and authenticity

8.1 Heighten salience of goals and objectives

8.3 Foster collaboration and community

8.4 Increase mastery-oriented feedback

8: Provide options for sustaining effort and persistence

8.2 Vary demands and resources to optimize challenge

- 9.2 Facilitate personal coping skills and strategies
- 9.3 Develop self-assessment and reflection

Strategic, goal-directed learners

Purposeful, motivated learners



© 2011 by CAST. All rights reserved. **www.cast.org**, **www.udlcenter.org** APA Citation: CAST (2011). Universal design for learning guidelines version 2.0. Wakefield, MA: Author.

2: Provide options for language, mathematical expressions, and symbols

2.1 Clarify vocabulary and symbols

- 2.2 Clarify syntax and structure
- 2.3 Support decoding of text, mathematical notation, and symbols
- 2.4 Promote understanding across languages
- 2.5 Illustrate through multiple media

3: Provide options for comprehension

- 3.1 Activate or supply background knowledge
- 3.2. Highlight patterns, critical features, big ideas, and relationships
- 3.3 Guide information processing, visualization, and manipulation
- 3.4 Maximize transfer and generalization

Resourceful, knowledgeable learners