

# 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

- 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**

## 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

**Strategic, goal-directed learners**

## III. Provide Multiple Means of Engagement

- 7: Provide options for recruiting interest
  - 7.1 Optimize individual choice and autonomy
  - 7.2 Optimize relevance, value, and authenticity
  - 7.3 Minimize threats and distractions

- 8: Provide options for sustaining effort and persistence
  - 8.1 Heighten salience of goals and objectives
  - 8.2 Vary demands and resources to optimize challenge
  - 8.3 Foster collaboration and community
  - 8.4 Increase mastery-oriented feedback

- 9: Provide options for self-regulation
  - 9.1 Promote expectations and beliefs that optimize motivation
  - 9.2 Facilitate personal coping skills and strategies
  - 9.3 Develop self-assessment and reflection

**Purposeful, motivated learners**