# Universal Design for Learning Guidelines

## Provide Multiple Means of Engagement
*Purposeful, motivated learners*

- **Provide options for self-regulation**
  - Promote expectations and beliefs that optimize motivation
  - Facilitate personal coping skills and strategies
  - Develop self-assessment and reflection

- **Provide options for sustaining effort and persistence**
  - Heighten salience of goals and objectives
  - Vary demands and resources to optimize challenge
  - Foster collaboration and community
  - Increase mastery-oriented feedback

- **Provide options for recruiting interest**
  - Optimize individual choice and autonomy
  - Optimize relevance, value, and authenticity
  - Minimize threats and distractions

## Provide Multiple Means of Representation
*Resourceful, knowledgeable learners*

- **Provide options for comprehension**
  - Activate or supply background knowledge
  - Highlight patterns, critical features, big ideas, and relationships
  - Guide information processing, visualization, and manipulation
  - Maximize transfer and generalization

- **Provide options for language, mathematical expressions, and symbols**
  - Clarify vocabulary and symbols
  - Clarify syntax and structure
  - Support decoding of text, mathematical notation, and symbols
  - Promote understanding across languages
  - Illustrate through multiple media

## Provide Multiple Means of Action & Expression
*Strategic, goal-directed learners*

- **Provide options for executive functions**
  - Guide appropriate goal-setting
  - Support planning and strategy development
  - Enhance capacity for monitoring progress

- **Provide options for perception**
  - Offer ways of customizing the display of information
  - Offer alternatives for auditory information
  - Offer alternatives for visual information

- **Provide options for expression and communication**
  - Use multiple media for communication
  - Use multiple tools for construction and composition
  - Build fluencies with graduated levels of support for practice and performance

- **Provide options for physical action**
  - Vary the methods for response and navigation
  - Optimize access to tools and assistive technologies