### The Universal Design for Learning Guidelines

**Provide multiple means of Engagement**

- **Affective Networks**
  - The "WHY" of Learning

**Provide options for Recruiting Interest**

- Optimize individual choice and autonomy (7.1)
- Optimize relevance, value, and authenticity (7.2)
- Minimize threats and distractions (7.3)

**Provide multiple means of Representation**

- **Recognition Networks**
  - The "WHAT" of Learning

**Provide options for Perception**

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

**Provide multiple means of Action & Expression**

- **Strategic Networks**
  - The "HOW" of Learning

**Provide options for Physical Action**

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

**Provide options for Expressions & Communication**

- Use multiple media for communication (5.1)
- Use multiple tools for construction and composition (5.2)
- Build fluencies with graduated levels of support for practice and performance (5.3)

**Provide options for Executive Functions**

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

**Provide options for Comprehension**

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

**Provide options for Language & Symbols**

- Clarify vocabulary and symbols (2.1)
- Clarify syntax and structure (2.2)
- Support decoding of text, mathematical notation, and symbols (2.3)
- Promote understanding across languages (2.4)
- Illustrate through multiple media (2.5)

**Provide options for Conceptual Understanding**

- Build on prior knowledge (4.1)
- Convey new information through multiple means (4.2)
- Guide development of understanding (4.3)
- Maximize transfer and generalization (4.4)

**Provide options for Self Regulation**

- Promote expectations and beliefs that optimize motivation (9.1)
- Facilitate personal coping skills and strategies (9.2)
- Develop self-assessment and reflection (9.3)

**Provide options for Sustaining Effort & Persistence**

- Heighten salience of goals and objectives (8.1)
- Vary demands and resources to optimize challenge (8.2)
- Foster collaboration and community (8.3)
- Increase mastery-oriented feedback (8.4)

**Provide options for Expert Learners**

- Expert learners who are...
  - Purposeful & Motivated
  - Resourceful & Knowledgeable
  - Strategic & Goal-Directed