The Universal Design for Learning Guidelines

**Provide multiple means of Engagement**

Affective Networks
The "WHY" of Learning

**Provide multiple means of Representation**

Recognition Networks
The "WHAT" of Learning

**Provide multiple means of Action & Expression**

Strategic Networks
The "HOW" of Learning

**Provide options for Recruiting Interest**

- Optimize individual choice and autonomy
- Optimize relevance, value, and authenticity
- Minimize threats and distractions

**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 Physical Action**

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

**Provide options for Sustaining Effort & 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 Language & 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 options for Expression & 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 Self Regulation**

- Promote expectations and beliefs that optimize motivation
- Facilitate personal coping skills and strategies
- Develop self-assessment and reflection

**Provide options for Comprehension**

- Activate or supply background knowledge
- Highlight patterns, critical features, big ideas, and relationships
- Guide information processing and visualization
- Maximize transfer and generalization

**Provide options for Executive Functions**

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

**Access**

**Build**

**Internalize**

**Goal**

**Expert learners** who are...

**Purposeful & Motivated**

**Resourceful & Knowledgeable**

**Strategic & Goal-Directed**