

ShawContract®

Education Reflections: Design for Student Success

IDCEC Course# CC-123340 Designation- HSW

AIA Course# ERDS01 Designation- HSW

Course Credits:

1.0 CEU / 1 LU

Course Description:

The environment in which we learn can profoundly impact how we engage with the material, stay motivated, and ultimately how effective our learning becomes. This course explores how classroom acoustics, sensory design, and color theory can enhance learning outcomes and support diverse student needs. Participants will learn to address excessive noise and poor acoustics, which hinder learning and contribute to teacher burnout, by incorporating soundproofing techniques. The course also covers designing classrooms for neurodivergent students, including those on the autism spectrum, using sensory materials and activities. Additionally, it emphasizes how color affects mood and productivity, helping create an inclusive, effective learning space.

Course Objectives:

1. Participants will understand how poor classroom acoustics negatively impact learning, particularly for students with hearing or learning difficulties, and identify strategies for improving acoustical conditions.
2. Participants will discuss the multifaceted benefits of sensory activities, such as playing with slime or riding a bike, and identify how engaging a child's senses—especially proprioception and vestibular senses.
3. Participants will be able to identify the impact of color on the learning environment, explaining how thoughtful color schemes can enhance engagement, creativity, and student well-being, while also recognizing the challenges colorblind students face.
4. Participants will recognize the increasing number of students with disabilities in U.S. schools, understand the diverse support needs of these students, and explain how classroom design must address both academic and emotional needs.