

ShawContract®

Creating a Greener Future

IDCEC Course #123147 Designation- HSW_Sustainability

AIA Course #CGF01 Designation- HSW

GBCI Course #0920031702

Course Credits:

1.0 CEU / 1 LU / 1 CE Hour

Course Description:

This course explores the intersection of sustainability and design in K-12 schools, emphasizing the importance of indoor air quality, circularity, material health, and carbon reduction. Participants will discuss actionable strategies to create healthier, environmentally friendly educational spaces by addressing ventilation, low-emission materials, waste reduction, and collaborative approaches to sustainable design.

Course Objectives:

- 1. Material Health:** Learn how selecting materials with healthy, sustainable ingredients can enhance indoor air quality and contribute to the well-being and academic success of students and staff.
- 2. Sustainable Movements:** Creating sustainable learning environments is a collective effort. Discuss how we can achieve aspirational sustainability goals through practical, achievable design solutions, together.
- 3. Circularity:** Gain insights into zero-waste hierarchies and how designers can influence product lifecycles to promote environmental stewardship in educational settings. Explore strategies for integrating circular design concepts, such as material reuse and recycling, to minimize waste and contribute to sustainable school environments.
- 4. Carbon Impact:** Learn about advancements like zero-emission school buses and low-emission products and understand how these initiatives align with broader sustainability goals for schools to lower their carbon emissions