



artcobell

Build-A-Chair



COURSE TITLE:

Build-A-Chair (AIA-ABC11025)

COURSE DESCRIPTION:

This CEU course provides Architects and Designers with an immersive, hands-on experience in classroom chair manufacturing. By visiting our state-of-the-art facility, participants will gain a deep understanding of the engineering, materials, and processes that go into creating durable, ergonomic, and sustainable classroom seating. From raw materials to final assembly, this experience will highlight the importance of thoughtful design and quality craftsmanship in educational environments.

LEARNING OBJECTIVES:

- » Understand Material Selection & Durability – Understand the materials selection and design considerations essential for producing durable, classroom-ready furniture.
- » Experience Hands-On Manufacturing – Participate in key steps of the chair-building process to see quality craftsmanship firsthand.
- » Explore Advanced Manufacturing Techniques – Actively bend, weld, and the injection mold parts that enhance chair longevity.
- » Evaluate Safety & Ergonomics – Discover how testing and design decisions impact student comfort and safety.
- » Recognize the Role of Sustainable Practices – Learn how material choices and production methods contribute to environmentally responsible manufacturing.

COURSE CREDIT:

- » 2.0 CEU/HSW

CEU TYPE:

- » Building Systems, Materials, & Assemblies

