



LEVERAGING ADVANCES IN PARAMETRIC DESIGN & DIGITAL FABRICATION IN ARCHITECTURE

AIA-Approved Presentation Sponsored by: Andalusia Design

Credits: 1 LU, 1 HSW

COURSE OVERVIEW

This course will explore the cutting-edge union of design and technology by delving into parametric design and its symbiosis with digital fabrication, and how the vision is best achieved via vertically-integrated, technology-forward product manufacturers. We will also discuss strategies for effective collaboration with these manufacturers throughout the architectural design process.

LEARNING OBJECTIVE 1

Learn about the use of parametric design in architecture, including its definition, history and current state.

LEARNING OBJECTIVE 2

Learn about the marriage between parametric design and digital fabrication.

LEARNING OBJECTIVE 3

Understand why vertical integration is an important operating model for product manufacturers looking to leverage parametric design.

LEARNING OBJECTIVE 4

Understand how to partner with vertical manufacturers throughout the architectural design process and learn the advantages of this digital collaborative approach.