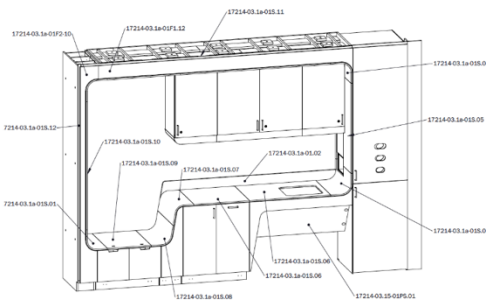
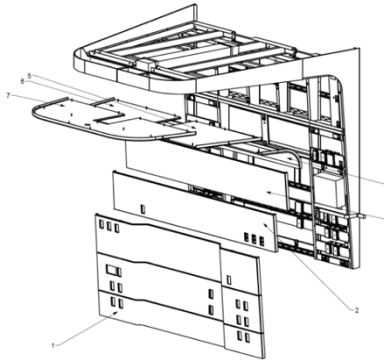


SHIELD



DESIGN VISION → DESIGN ASSIST → RESULTS

PREFABRICATION FOR MODERN HEALTHCARE ENVIRONMENTS

Presented by: SHIELD Casework & Headwalls

Target Audience: Interior Designers + Architects + Medical Equipment Planners

Credits: 1 LU AIA CES Credit

PRESENTERS:



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ABOUT THIS COURSE

In the dynamic landscape of healthcare construction, challenges such as soaring costs, skilled labor deficits, and disrupted supply chains are more prominent than ever. Despite these obstacles, healthcare institutions are determined to bring greater certainty to their capital projects.

This course delves into how designers and contractors are revolutionizing their approach by adopting a manufacturer’s mindset, a key strategy in navigating these complexities. Central to this transformation is the integration of prefabrication methodologies and modular design solutions. This course probes into the critical question: How can designers harness the efficiency of manufacturing to streamline construction processes and achieve more reliable results?

We explore innovative strategies to leverage manufacturing productivity, simplifying the construction landscape and ensuring predictable, high-quality outcomes. Moreover, this course highlights the vital role of product manufacturers as design-assist collaborators. Participants will learn how these partnerships are instrumental in developing safer, scalable, and high-performance interior architectural components, specifically tailored for healing environments. The curriculum is designed to equip professionals with the knowledge and tools to navigate and contribute to this evolving ecosystem, shaping the future of healthcare construction through ingenuity and collaboration.

LEARNING OBJECTIVES

1. Understand how to effectively collaborate with product manufacturers as design-assist partners in developing prefabricated interior architectural components for healthcare settings.
2. Identify optimal scenarios for using prefabrication in interior architectural designs..
3. Articulate how collaborative design-assist approaches improve the materiality, quality, cost-effectiveness, and performance of healthcare architectural components.
4. Understand why design-assist strategies can lead to more innovative and scalable design standards within healthcare organizations.
5. Communicate the advantages of prefabrication and modular design to healthcare organizations, highlighting their impact on efficiency and quality.

IN ADDITION...

This course offers an in-depth examination of the role that prefabrication, standardization and modular design can play in enhancing the safety, quality and functionality of healthcare facilities. We explore advanced fabrication techniques and material specifications that prioritize the safety and well-being of patients and staff. Special attention is given to understanding how these fabrication methodologies can improve the cleanability of the built environment, which can help mitigate risks associated with healthcare-associated infections (HAIs).

QUICK LINKS



SHIELD HEADWALLS



ASHE RECOMMENDED FURNITURE SURFACE CHARACTERISTICS