

Provider Name:

Lean Construction Institute

Provider Number – H561

Course Name:

Integrated Project Delivery- Case Studies from around the Country

Course Number: 20131023AM

Course Speakers:

Michael Bade-UCSF, Steve McIntyre-Haley Aldrich, Judd Orlando-Children's Medical Center, David Boroughs-DPR Construction , Jason Hale-HKS, Ken Lindsay-Southland Industries, Bill Seed-UHS, Brent Nikolin-Turner Construction, Tom McCready, David Rosenbaum-MLH, Greg Gore-GSP, Andy Davis-Turner Construction, Jonathan Peavy-Robins & Morton, Josh Young-Robins & Morton, Bill Stevens-Robins & Morton, Kevin Robinson-New England Tech Air

Course Date: October 23, 2013



Credit(s) earned (2.5) on completion of this course will be reported to **AIA CES** for AIA members. Certificates of Completion for both AIA members and non-AIA members are available upon request.

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Course Description

Case studies provide clear evidence to improved practices on Integrated projects. This 4 hour session will contain case studies from coast to coast as we discuss projects in California, Maine, Mississippi, and Texas. Collaborative practices on projects allows for greater discussion of energy efficiency, MEP systems, and sustainable use of materials. Lean tools like 5S, Gembas, BIM, full scale mock-ups, scenario testing improve interaction with the end users, and improve schedule, quality, and communication for the project teams.

Continuous cost estimating and schedule updates enable teams to eliminate waste and improve budget and schedule control. Designing with construction in mind can improve the safety of the trades working on the facility during construction.

Learning Objectives

- 1) Participants will understand how collaborative practices on projects allows for greater discussion of energy efficiency, MEP systems, and sustainable use of materials.
- 2) Participants will be able to use lean tools such as Gembas, full scale mock-ups and scenario testing to speed design and visioning and keep the end-users involved throughout the project, and enable them to understand the systems within their new facility.
- 3) Examine Case Studies from multiple projects in California, Maine, Mississippi, and Texas and learn how incorporating 5s, increased levels of technologies including BIM, and other Lean Process Improvements has improved the schedule, quality, and communication on those projects.
- 4) Participants of this session will be able to consider using continuous cost estimating and schedule updates to eliminate waste and improve budget and schedule control and how designing with construction in mind can improve the safety of the trades working on the facility.

This concludes The American Institute of Architects
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Lean Construction Institute



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