

**Provider Name:**

**Lean Construction Institute**

**Provider Number – H561**

**Course Name:**

**Lean Project Delivery Tools: Why we use them, Why they work, and How they add value**

**Course Number: 20131024AM**

**Course Speakers:**

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**Course Date: October 24, 2013**



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# Course Description

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The fundamental basic premise behind Lean process improvement is adding value while removing waste. Lean tools were created to help find and eliminate that waste. Design and construction tools are even more specific to that task and can improve building quality, safety, and change the work environment.

The Last Planner system can be implemented in many ways to lead to great results. Multiple paths allow different project participants to use the tool to improve their own project metrics. Large scale department mock-ups in healthcare are a tool to help users understand design, have contractors develop safer ways to build, and have facilities test their operational structure. BIM as a design and construction tool has a lot of power, we explore its power as a lean measurement. Lean tools can transform a project- they can also transform a company and use of them at every level can improve performance.

# Learning Objectives

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- 1) Participants will learn how to implement last planner within their organization, and multiple techniques to better understanding and facilitation of the tool that can save project time and make job sites safer.
- 2) Participants will discover ways to utilize large scale mock-ups as a key tool in the target value design process and how to leverage them to improve design for operational improvement and savings to an owner.
- 3) Participants will learn how BIM can be a measurement for lean contributions to a project and how to use these functions on your next project.
- 4) Participants will explore how lean tools can transform a project, a company, and can be applied to many issues during project delivery and team performance.

This concludes The American Institute of Architects  
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