



## Lean Construction Certification Program (LCCP)

Lean Construction Certification Program (LCCP) will train you in a new way of thinking about how a construction project is managed and executed. You will learn new lean techniques and approaches that reduce costs, reduce schedules, improve quality, and remove variability and risk in your projects. Whether you learn by listening or by hands-on training, this certification program combines both teaching approaches and is tailored to meet your needs. The curriculum and instruction are designed and provided by Professional Engineers (PE) who are licensed and practicing in the state of Washington.

### Module 1: Foundation Course – Initiating the Change to a Lean Culture

This event is based on a simulation exercise designed to demonstrate the principles of world-class process design. All employees who attend other modules are required to attend this module first.

### Module 2: Process Optimization

This event allows delegates to re-engineer a process at their own place of work using the principles demonstrated in the foundation course and explained in more detail during this module.

### Module 3: Pull Planning

This participative four-hour workshop helps delegates understand and practice the differences between traditional planning methods and lean Pull Planning.

### Module 4: The Continuous Improvement Process

This event covers the principles of a structured approach to continuous improvement. It allows delegates the opportunity to design a process for their area and define the key performance measures they need to implement in order to drive sustainable process improvement.

### Module 5: Jobsite Organization: 5S & Standard Work

This participative workshop has delegates learning 5S and set-up reduction principles and applying the lessons of the workshop in the workplace.

### Module 6: Problem Solving and Final Exam

A series of problem solving tools are discussed within the context of a structured problem-solving process. The participants have the opportunity to use these tools on real problems within their work areas.