



Lean Construction
EDUCATION PROGRAM



AGC's Lean Construction Education Program

UNITS 1-4 - JANUARY 17-18, 2017

UNITS 5 & 6 - FEBRUARY 7-8, 2017

UNIT 7 & EXAM REVIEW - FEBRUARY 28-MARCH 1, 2017

BATAVIA DOWNS, BATAVIA, NEW YORK

**All Lean Programs are approved for GBCI Continuing Education hours and AIA Learning Units
Refer to each program for CE hours & LU's**



The U.S. Green Building Council (USGBC) developed Leadership in Energy and Environmental Design (LEED®) Green Building Rating Systems for different applications, such as New Construction and Major Renovations, Commercial Interiors, Core and Shell, and Homes. The USGBC Education Provider Program has approved the technical and instructional quality of this course.



The Associated General Contractors of America (AGC) is a Registered Provider with The American Institute of Architects Continuing Education Systems. Credit earned on completion of this program will be reported to CES Records for AIA members. Certificates of completion for non-AIA members are available on request.

To help contractors develop the knowledge needed to build lean, the Associated General Contractors of America developed the Lean Construction Education Program. Construction professionals at all experience levels will learn the building blocks necessary to transform their projects and companies into a lean operating system.

For more information contact Brendan Manning at bmanning@agcnys.org or 518.456.1134

AGC of America
THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA
Quality People. Quality Projects.



Everyone related to the construction process has incentive to get the project done faster and at a lower cost - from the project owners who want to see tangible results for their investment to the contractors and designers who want to do their job well and move on to the next project. Lean Construction is based on the holistic pursuit of continuous improvements aimed at minimizing costs and maximizing value on a construction project: planning, design, construction, activation, operations, maintenance, salvaging, and recycling.

To help contractors develop the knowledge needed to build lean, the Associated General Contractors of America developed the **Lean Construction Education Program**.

How lean is implemented within a construction firm can vary based on many factors, and the lean transformation is most effectively driven and planned by individuals within a firm. This series of courses are intended for an organization's lean champions, who will design and implement a company's lean transformation strategy at the corporate and project levels. The courses in this program will cover:

Unit 1: Variation in Production Systems is an introductory course in the Lean Construction Education Program. This half-day, instructor-led course teaches the concept of variation.

Unit 2: Pull in Production is a half-day, instructor-led course that explains the concept of pull as a means to reliable production workflow.

Unit 3: Lean Workstructuring is the first of two units that introduces the Last Planner® System (LPS). This system was developed by the Lean Construction Institute (LCI) to plan projects in a way that produces predictable workflow and rapid learning. This half-day, instructor-led course describes the process of Lean Workstructuring.

Unit 4: The Last Planner® System is the second of two units introducing the Last Planner® System (LPS). This system was developed by the Lean Construction Institute (LCI) to plan projects in a way that produces predictable workflow and rapid learning. This half-day, facilitator-led course shows how to conduct make-ready and weekly work-planning sessions.

Unit 5: Lean Supply Chain and Assembly is a one-day, instructor-led course that explains the concept of lean supply chain and assembly.

Unit 6: Lean Design and Pre-construction is a half-day, instructor-led course that explains the concepts of value-based management, lean in the design process and relational contracting.

Unit 7: Problem-solving Principles and Tools is a six-hour, instructor-led course that describes the Lean Problem Solving Process and illustrates how to use tools to solve problems in a lean manner.

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Instructor: [Colin Milberg, PhD - ASKM and Associates, LLC](#) [Linked in](#)

January 17 – Unit 1, 8:00am-12:00pm & Unit 2, 12:30pm-4:30pm (registration begins at 7:30am)

January 18 – Unit 3, 8:00am-12:00pm & Unit 4, 12:30pm-4:30pm (registration begins at 7:30am)

February 7 – Unit 5, 8:00am-4:30pm (registration begins at 7:30am)

February 8 – Unit 6, 8:00am-12:30pm (registration begins at 7:30am)

February 28 – Unit 7, 8:00am-4:30pm (registration begins at 7:30am)

March 1 – Exam Review, 8:00am-12:00pm





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AGC's Lean Construction Education Program – Registration Form
JANUARY 17 (UNITS 1 & 2) AND JANUARY 18 (UNITS 3 & 4)
FEBRUARY 7 (UNIT 5) AND FEBRUARY 8 (UNIT 6)
FEBRUARY 28 (UNIT 7) & MARCH 1 (EXAM REVIEW)

Name _____ Title _____
 Company/Organization _____
 Street Address _____
 City _____ State _____ Zip _____
 Phone _____ Fax _____
 Email _____

Payment Information (Payment must accompany registration to secure your seat)

Registration fees include meals and the Participant's Manual for the courses.

Cancellation policy: Full refunds will be made for cancellations received 48 hours before the first day of each class you are registered. After that date, no refunds will be granted. Replacements accepted.

Registration Fees: \$295 per unit/AGC members - \$395 per unit/Non-members

Check that apply Unit 1 Unit 2 Unit 3 Unit 4 Unit 5 Unit 6 Unit 7)

\$1900 for all 7 units & Exam Review/AGC members (\$165 savings)

\$2100 for all 7 units & Exam Review/Non-members

- Enclosed is a Check for \$_____ made payable to **AGC NYS**
- Charge my credit card \$_____ (circle one): VISA MasterCard AMEX

Cardholder Name: _____
 Card Number: _____
 Expiration Date: _____ CVV2 Code (front or back of card): _____
 Street Number: _____ and Zip Code: _____ for credit card billing address.
 Signature: _____
 Email address for credit card receipt: _____

Please e-mail registration form to bryanna@agcnys.org or fax to 518.456.1198
 Questions about the program: Brendan Manning, bmanning@agcnys.org or call 518-456-1134