



AGC's Lean Construction Education Program

UNIT 1: VARIATION IN PRODUCTION SYSTEMS & UNIT 2: PULL IN PRODUCTION

WEDNESDAY, JANUARY 6, 2016 – 7:30AM-12PM AND 12:30PM-5PM

BUILDING INDUSTRY CENTER, 6 AIRLINE DRIVE, ALBANY, NY

\$250/PERSON FOR 1 UNIT, \$400/PERSON FOR BOTH

Lean Construction challenges all project stakeholders to develop and apply better ways to manage the overall construction process. **Unit 1: Variation in Production Systems** is a half-day course that introduces one of the foundational concepts of Lean Construction, variation. **Unit 2: Pull in Production** is a half-day course that introduces concept of pull as a means to reliable workflow.

In the construction process, the work we do is all connected and variation in even one of those processes affects us all. This course provides tools to help participants recognize sources of variation on their own projects, examine variation's effect on operations, and mitigate the effects of variation in their every-day work. Following completion of these courses, participants will have the ability to:

Unit 1

- Define the different types of variation
- Explain the concept of throughput and distinguish it from productivity
- Discuss the role of variation in production operations
- List sources of variation in construction settings
- Explain and contrast variation mitigation techniques

Unit 2

- Compare batch-and-queue and continuous-flow production systems
- Distinguish push systems from pull systems
- Describe the impact of pull on production systems
- Explain pull strategies in construction operations

About AGC's Lean Construction Education Program

To develop the tools needed to build lean, the Associated General Contractors of America (AGC) has 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.

AGC's Lean Construction Education Program is a series of courses that progressively cover a range of topics essential to Lean Construction, including: Variation and pull in production, Lean workstructuring, supply chains, and assembly, production management, Problem – solving principles and tools and Management of Values.

Cost: \$250/unit or \$400 for both
(price includes manuals, breakfast and lunch)

Wednesday, January 6, 2016
Building Industry Center, 6 Airline Drive, Albany, NY

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





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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 breakfast & lunch 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:** \$400 for Units 1 & 2 - AGC NYS Members (savings of \$100)
 \$650 for Units 1 & 2 - Non-members (savings of \$100)

\$250 per course for AGC NYS Members or \$375 per course for non-members
(select course): Unit 1 Unit 2

- 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 form to smanny@agcnys.org or fax to 518.456.1198

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