



## AGC's LEAN Construction Education Program

# UNIT 1: VARIATION IN PRODUCTION SYSTEMS

**New Date**

Thursday, **March 13**, 2014 | 8:00 am – 12:00 noon

AGC of Connecticut is pleased to offer **Unit 1** of AGC of America's **Lean Construction Education Program: Variation in Production Systems**.

**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. 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 this course, participants will have the ability to:**

- 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

Date:

Thursday, **March 13**, 2014, 8:00 a.m. to 12:00 noon

Location:

CCIA, 912 Silas Deane Highway, Suite 112, Wethersfield, CT

Instructor:

Colin Milberg, Ph.D., ASKM and Associates

Cost:

**\$225** per person (*members*) (Includes 6.35% CT Sales Tax)

**\$325** per person (*non-members*) (Includes 6.35% CT Sales Tax)

Checks payable to AGC of Connecticut

Credit cards accepted; please complete below and fax\* back or contact Kathy at 860-529-6855

\*please do **not** email credit card information

### REGISTRATION | Unit 1: Variation in Production Systems | March 13, 2014

Contact Name: \_\_\_\_\_ Company Name: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Names of Attendees: \_\_\_\_\_

Amount Due: \$ \_\_\_\_\_ | ☐ Check Enclosed **or** ☐ Pay by Credit Card (complete below)

✂

Credit Card Type: ☐ Visa ☐ MasterCard ☐ Discover

Cardholder Name \_\_\_\_\_

Card Number \_\_\_\_\_

Expiration Date \_\_\_\_\_ Zip Code \_\_\_\_\_

Card Billing Address \_\_\_\_\_

CVV2 \_\_\_\_\_ (3 digit number on back of Visa/MC, Discover)

Please fax (860-563-0616) or e-mail ([jwilhelm@ctconstruction.org](mailto:jwilhelm@ctconstruction.org)) registration to John Wilhelm

\*please do **not** email credit card information

Send payment to: AGC of Connecticut, 912 Silas Deane Highway, Suite 112, Wethersfield, CT 06109



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*An Associated General Contractors of America (AGC) Education Program*

### 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 work-structuring, supply chains, and assembly
- Production management
- Management by values
- Problem-solving principles and tools

For more information contact John Butts, AGC/CT Executive Director  
860-529-6855 | [jbutts@ctconstruction.org](mailto:jbutts@ctconstruction.org)

CCIA / AGC of CT  
912 Silas Deane Highway, Suite 112  
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