



Builders Education & Training Foundation

Lean Education Calendar: Units 1-5

Carpenters Training Center, 1256 Estes Ave., Elk Grove Village, IL



Associated General Contractors of America (AGC) developed the Lean Construction Education Program to help its members develop the tools necessary to build lean. Chicagoland construction professionals at all experience levels have taken Lean Education courses through the Builders Education & Training Foundation to acquire the building blocks necessary to transform their projects and companies into lean operating systems. We are pleased to offer Units 1-5 again in early 2016. Units 6-7 will follow. *After successful completion of all seven units individuals will be eligible to take the Lean Certificate of Management Credentialing Exam.*

Register today, as all classes are limited to **20** participants each!

UNIT 1: VARIATION IN PRODUCTION SYSTEMS *Wednesday, February 24, 2016 from 7:30 a.m. to 12 p.m.*

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 everyday work.

UNIT 2: PULL IN PRODUCTION *Wednesday, February 24, 2016 from 12:15 p.m. to 5 p.m.*

After completion of this course, participants will have the ability to compare batch-and-queue and continuous-flow production systems, distinguish push systems from pull systems, describe the impact of pull on production systems, and explain pull strategies in construction operations.

UNIT 3: LEAN WORKSTRUCTURING *Thursday, February 25, 2016 from 7:30 a.m. to 12 p.m.*

Within construction, we all strive to plan our projects in a way that produces predictable workflow and continuous improvement. This course provides participants with the tools needed to apply Lean Workstructuring principles within The Last Planner® System.

UNIT 4: THE LAST PLANNER® SYSTEM *Thursday, February 25, 2016 from 12:15 p.m. to 5 p.m.*

This course shows how to conduct make-ready and weekly work planning sessions. Participants will learn how to apply LPS on a project and how to calculate, track and analyze percent plan completion for a project.

UNIT 5: LEAN SUPPLY CHAIN & ASSEMBLY *Friday, March 4, 2016 from 7:30 a.m. to 5 p.m.*

Unit 5 will examine the use of lean supply chain practices to eliminate waste through the creation of efficient methods for procurement of materials and equipment and the use of lean assembly practices to find ways of assembling things in the most efficient way possible—either on site or off site.

INSTRUCTOR: Units 1-5 will be taught by **Mark Federle, PhD**, McShane Chair of Construction Engineering and Management at Marquette University. Dr. Federle is a premier construction educator and an expert on the AGC Lean Construction Education Units.

BUILDERS EDUCATION & TRAINING FOUNDATION

LEAN EDUCATION PROGRAM REGISTRATION FORM

You may register online at www.bldrs.org or submit this completed form:

Company/Organization: _____
 Street Address: _____ Unit/Suite: _____
 City: _____ State: _____ Zip: _____
 Phone: _____ Fax: _____ Email: _____

Registrant 1 Name: _____ Title: _____

Email: _____

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|--|--|---|
| <input type="checkbox"/> Unit 1: February 24, 7:30 a.m. – 12:00 p.m. | <input type="checkbox"/> \$275 BA/LCI Member | <input type="checkbox"/> \$450 Non-Member |
| <input type="checkbox"/> Unit 2: February 24, 12:15 p.m. – 5:00 p.m. | <input type="checkbox"/> \$275 BA/LCI Member | <input type="checkbox"/> \$450 Non-Member |
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| <input type="checkbox"/> Unit 5: March 4, 7:30 a.m. – 5:00 p.m. | <input type="checkbox"/> \$550 BA/LCI Member | <input type="checkbox"/> \$900 Non-Member |

Registrant 2 Name: _____ Title: _____

Email: _____

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Registrant 3 Name: _____ Title: _____

Email: _____

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Payment Information:

Total Amount Due: \$ _____

Check Enclosed (please make payable to the *Builders Education and Training Foundation*)

Credit Card: AmEx Discover MasterCard VISA

Card #: _____ Expiration Date: _____ Sec Code: _____