



Lean Construction
EDUCATION PROGRAM

AGC LEAN CONSTRUCTION EDUCATION PROGRAM

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**. Construction professionals at all experience levels will learn the building blocks necessary to transform their projects and companies into a lean operating system.

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.

Complete Series Units 1 to 7 with a Fast Track (FT) Option

DATE	TIME	MEMBER RATE	NON MEMBER	INSTRUCTOR
SEPTEMBER 17-19, 2018	UNITS 1 - 5	\$1325	\$1625	DAN RUSSELL
OCTOBER 22-23, 2018	UNITS 6 - 7	\$600	\$800	DAN RUSSELL

CM-Lean Assessment with a Fast Track Option

DATE	TIME	RATE	PROCTOR
OCTOBER 24, 2018	9:00 AM - 1:00 PM	(\$575 FEE GETS PAID TO EXAM SOFT)	BECCA SCHAFFER

TUITION INCLUDES: PARTICIPANT MANUALS, CERTIFICATE OF COMPLETION, BREAKFAST AND/OR LUNCH EACH SESSION. AGC MEMBERS FROM ANY CHAPTER ELIGIBLE FOR MEMBER RATE.

UNIT 1: VARIATION IN PRODUCTION SYSTEM

<u>DATE</u>	<u>TIME</u>	<u>MEMBER RATE</u>	<u>NON MEMBER</u>	<u>INSTRUCTOR</u>
SEPTEMBER 17, 2018	7:30 AM - 11:30 AM	\$275	\$375	DAN RUSSELL

UNIT 2: PULL IN PRODUCTION

<u>DATE</u>	<u>TIME</u>	<u>MEMBER RATE</u>	<u>NON MEMBER</u>	<u>INSTRUCTOR</u>
SEPTEMBER 17, 2018	12:00 PM - 4:00 PM	\$275	\$375	DAN RUSSELL

UNIT 3: LEAN WORKSTRUCTURING

<u>DATE</u>	<u>TIME</u>	<u>MEMBER RATE</u>	<u>NON MEMBER</u>	<u>INSTRUCTOR</u>
SEPTEMBER 18, 2018	7:30 AM - 11:30 AM	\$275	\$375	DAN RUSSELL

UNIT 4: THE LAST PLANNER SYSTEM

<u>DATE</u>	<u>TIME</u>	<u>MEMBER RATE</u>	<u>NON MEMBER</u>	<u>INSTRUCTOR</u>
SEPTEMBER 18, 2018	12:00 PM - 4:00 PM	\$275	\$375	DAN RUSSELL

UNIT 5: LEAN SUPPLY CHAIN AND ASSEMBLY

<u>DATE</u>	<u>TIME</u>	<u>MEMBER RATE</u>	<u>NON MEMBER</u>	<u>INSTRUCTOR</u>
SEPTEMBER 19, 2018	7:30 AM - 4:00 PM	\$325	\$425	DAN RUSSELL

UNIT 6: LEAN DESIGN AND PRE-CONSTRUCTION

<u>DATE</u>	<u>TIME</u>	<u>MEMBER RATE</u>	<u>NON MEMBER</u>	<u>INSTRUCTOR</u>
OCTOBER 22, 2018	2:00 PM - 6:00 PM	\$275	\$375	DAN RUSSELL

UNIT 7: PROBLEM-SOLVING PRINCIPLES AND TOOLS

<u>DATE</u>	<u>TIME</u>	<u>MEMBER RATE</u>	<u>NON MEMBER</u>	<u>INSTRUCTOR</u>
OCTOBER 23, 2018	7:30 AM - 4:00 PM	\$325	\$425	DAN RUSSELL