AGC Webinar: LCEP Unit 7: Problem-solving Principles and Tools
When: March 10, 2015; 2:00 - 3:00 p.m. EST

This webinar is a pre-course requirement for all instructors of AGC’s Lean Construction Education Program (LCEP) Unit 7: “Problem-solving Principles and Tools.” This is a 60-minute webinar led by the principal contributors to LCEP Unit 7 focused on educating instructors about the use of teamwork in solving problems and useful tools to support the problem-solving process. The webinar will also include a live Q & A session with the speakers.

The course is divided into three sessions:

Session One introduces the difference between traditional and lean problem solving, creation of a team approach, and the use of observation walks to discover the facts affecting a problem.

Session Two introduces the importance of carefully defining problems, the “5 Whys” and the “Plan-Do-Check-Act” cycle.

Session Three presents several tools for use in solving problems and an extended activity to complete an A3 for problems participants bring from their workplace to class.

This webinar will prepare instructors to teach students to:

- Explain the lean problem solving process
- Use tools to solve problems in a lean manner
- Describe how to solve problems in a team
- Use an A3 as a problem solving and communication tool
- Describe the use of the other tools available for problem solving.

Design of This Unit

“Problem-solving Principles and Tools” is designed to be presented as a seven-hour in-seat course. The course assumes that participants have a working knowledge of Lean Construction theories, definitions, principles and ideas. Lean Construction 101, the first course in AGC’s Lean Construction Education Program, is a recommended prerequisite to taking this course, as are Unit 1: Variation in Production Systems; Unit 2: Pull in Production; Unit 3: Lean Workstructuring; Unit 4: The Last Planner System; Unit 5: Lean Supply Chain and Assembly and Unit 6: Lean Design and Pre-construction.

Click here to register now:
http://www.agc.org/learn/education-training/events/webinar-lean-construction-education-program-unit-7-problem-solving

Course Materials available in the AGC store on March 16, 2015