



## Jacob Raymer

Assistant Director for Lean Education  
The Shingo Prize for Operational Excellence

Mr. Raymer oversees the development of the framework and architecture of the Shingo Prize learning management system and is deeply involved in the creation of lean course-work, simulations, and workshops. Mr. Raymer is part of the development team that refines the Shingo Prize Model and continues research and application of the model for continuous improvement. Mr. Raymer has trained numerous individuals and various companies about the lean transformation that occurs by applying the Shingo Prize model and its principles, companies he has taught include Defense, Automotive, Food/Chemical Processing, Healthcare and others.

Mr. Raymer received a Masters degree in Business Information Systems with an emphasis in Instructional Technology from Utah State University. His research has been focused on using information technology for continuous improvement with proven techniques learned from the evolution of lean manufacturing.

# Introduction to Lean

## A Principle-Based Approach

*Jump start your conference experience and set the framework for what you'll see, hear and learn in the two days ahead.*

### Learning Objectives

Course participants will gain a grounded understanding of the fundamental methodologies and tools used in Lean organizations. Unlike other Lean Introduction courses, this course is designed to demonstrate the strong interconnection that Lean tools have with Lean principles. This combination of know-how (tools and techniques) and know-why (Lean principles) brings a more complete understanding of how to apply them in a real-world setting.

Throughout the course, the participant will learn to recognize the value of Lean in their organization. They will learn to see the benefits of implementing Lean tools and techniques beyond traditional production systems. This introduction course will expose the participant to a broad range of Lean concepts and principles.

### Unique Learning Approach

This course contains many interactive simulations and exercises designed to allow the participant to gain a deeper understanding of the material and be able to apply the principles and concepts that they learned throughout the course. The course is self-paced and can be completed at the convenience of the participant.

### Who Would Benefit From This Workshop

Those who want to learn the basics of Lean and begin, or participate in, the implementation at their organization.

- Managers and Professionals in any type of industry
- Those with little or no prior experience with Lean will learn to use the core concepts of Lean methodologies to make better business decisions

### This Workshop Will Teach You...

- How to identify the difference between value and waste
- How to create stability through the use of 5S and Error-Proofing
- What standardization is, what it is not, and how it can help the organization
- How processes can improve and work steadily through the principles of Flow and Pull
- The methodologies and importance of using a scientific method in problem solving