



Advanced Lean

Apply Lean tools to achieve real-world operational excellence

Many classes teach advanced Lean concepts, but leave students without the skills to actually apply the tools to solve real-world problems. BMGI's Advanced Lean class helps participants go beyond the "what" to understand the "how" of applying Lean tools to specific situations in the context of a Lean Kaizen event. The course is designed for practitioners from any industry, although participants must have prior Lean training or experience.

Course Description

BMGI's Advanced Lean course builds on the basic concepts covered in our one-week Transactional and Manufacturing Lean classes. This course is for practitioners who want to make specific improvements to a value stream, and who want to dig deeper into Lean tools to accomplish a business objective. In addition, students receive an introduction to BMGI's SCORE methodology, an approach to Lean Kaizen events that allows them to combine the highly effective toolset of Lean with the rigor of project selection, planning and evaluation.

Over the course of five days, Advanced Lean participants learn:

- ❑ How to apply advanced Lean tools.
- ❑ How to select the right combination of tools to achieve strategic business results.
- ❑ How to analyze a process value stream from end-to-end to identify opportunities for improvement.
- ❑ How to define, scope, participate in and evaluate Lean SCORE projects that occur on a regular basis for maximum ROI.

Advanced topics covered include:

- ❑ **5S and Kanban** - go beyond the basics of these topics by learning the deep intricacies of how to use these powerful tools during a Kaizen event to drive event success. Course will include sample worksheets and spreadsheets for using in your own environment.
- ❑ **Advanced TPM** - get an in-depth education on how to use the seven pillars of Total Productive Maintenance (TPM) to drive sustainable bottom line results and culture change.
- ❑ **Plus these tools put into perspective** and real-world examples: Standard Work, Visual Management, Pull Systems, SMED and mistake proofing.

Unique Course Benefits

BMGI's Advanced Lean course offers students many advantages:

- ❑ The opportunity to apply Lean tools as part of a structured roadmap for process improvement.
- ❑ Experiential learning curriculum that helps students leave the classroom with better comprehension, and an enhanced ability to apply concepts and skills in the real world.
- ❑ Instruction by Lean Masters with an average of ten years leading successful Lean projects inside major corporations.

(continued)



"BMGI's Lean class is well-organized and the material is very well thought out."

- Steve Cunningham
Black Belt
CAMC

KEY LEARNING OUTCOMES

On completion of this course participants will be able to:

- ❑ Scope Lean projects that align with business objectives.
- ❑ Contribute to Kaizen events as a highly knowledgeable team member or co-leader.
- ❑ Apply the right combination of Lean tools to solve an array of business issues in any industry.
- ❑ Assess process value streams in greater depth for optimal efficiency.
- ❑ Understand the "recipe" and steps of the SCORE roadmap

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Course Specifics

Who Should Attend: Any Performance Excellence practitioner who is seeking to build on a basic understanding of Lean. Suitable for both manufacturing and service-based organizations. Qualifies as an elective course for BMGI MBB candidates.

Cost: \$4950

Course Length: 1 week (5 days)

Course Includes: A copy of The Team Leader's Guide to Lean Kaizen Events, featuring a book, a CD-ROM with valuable templates, motivational posters, team charters and worksheets.

Course Prerequisites: BMGI's Transactional or Manufacturing Lean class, or Lean Six Sigma Green Belt, or a demonstrated understanding of the following Lean concepts:

- 5 Principles of Lean
- MIT Lean Enterprise Roadmap
- Eight Wastes
- Value-Add vs. Non-Value Add Activities
- Basic Process Mapping
- Value Stream Mapping
- Cellular Layout, 5S and Visual Management
- Standard Work and Takt Time
- Kanbans
- Single Piece Flow vs. Batch Flow
- Leadtime and Little's Law
- Mistake Proofing
- Kaizen Events

Agenda

► Day One

- Review of Lean Fundamentals
- Performance Excellence Roadmap
- Performance Excellence Sustainment
- End-to-End Value Stream Assessment
- Analyzing the Value Stream

► Day Two

- Hoshin Planning and Policy Deployment
- Advanced 5S
- Advanced Visual Management

► Day Three

- Advanced Standard Work
- Advanced Pull Systems and Kanban

► Day Four

- Basic Problem Solving Tools
- Advanced TPM
- Advanced SMED
- Advanced Mistake Proofing

► Day Five

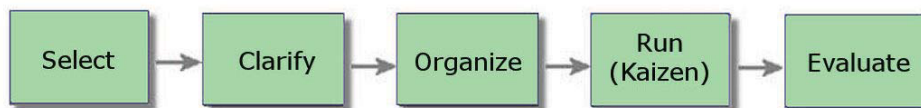
- Beyond Brainstorming
- SCORE™ Methodology

BMGI holds this class regularly in cities around the world.

Classes can also be scheduled on-site for groups of six or more.

Curriculum is available for licensing.

BMG's SCORE™ Methodology



BMGI developed the SCORE roadmap to help individuals put Lean tools into action in a real business environment.



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