

# Lean Six Sigma Black Belt Certification

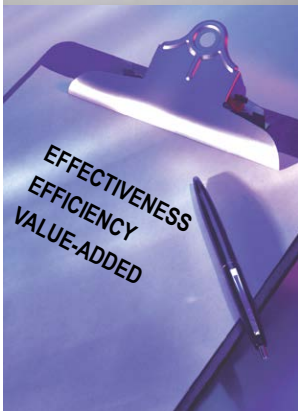
*Illinois BIS participants who have achieved the Black Belt designation are averaging well over \$100,000 in cost savings for their organizations!*



The Lean and Six Sigma methodologies work together as a combined long-term business strategy that can produce exceptional results. Lean focuses on improving efficiency by identifying and eliminating waste, improving flow, implementing pull and continuously improving the value stream. Six Sigma focuses on how to improve effectiveness by reducing variation, eliminating rework, and controlling processes. Lean defines and establishes the value flow improving process speed, and Six Sigma brings the process under statistical control to make the value flow smoothly.



The purpose of the Lean Six Sigma Black Belt Certification program is to prepare Team leaders to lead and implement improvement projects using the proven DMAIC methodology, and Lean Tools. The class is instructor-led and offers numerous exercises and examples designed to help the participant learn tools and techniques to eliminate waste and improve productivity, and to achieve lasting financial results.



The training includes 160 hours of classroom time, with hands-on, demanding and thorough instruction. During training, Lean Six Sigma Black Belt participants work on an actual identified management-approved project that can realize at least \$100,000 in cost savings to the organization. The instructional design process involves learning a technique and then applying it to the working project.

**MINITAB Software Included (+1 year license)**

**GRANT FUNDING MAY BE AVAILABLE**

to reduce the cost of training for eligible companies. Contact us for details at 630-505-0500.

# LEAN SIX SIGMA BLACK BELT TRAINING AND CERTIFICATION



## **Learn how to:**

- *Establish or leverage an existing Business Management System*
- *Significantly reduce working Lead Times*
- *Reduce manufacturing costs*
- *Reduce defects*
- *Improve customer satisfaction*
- *Increase market share*
- *Reduce time to market for new products*
- *Improve financial performance*
- *Reduce work in process/increase cash flow*
- *Reduce and/or eliminate non-value-added activities from costs*
- *Introduce Lean Six Sigma principles to your organization*
- *Lead a team through Process Mapping*
- *Create and implement a Lean Value Stream in all areas*
- *Utilize Performance Metrics*
- *Understand how to develop a Lean Six Sigma Roll-Out Plan*
- *Build a Process Management System*
- *Implement DMAIC at Your Company*
- *Develop Project Selection Criteria*

## **Participants' Comments from Previous Sessions**

“Analysis of Variance, DOE, regression analysis - Instructor’s real life experiences added value to learning objectives. Great experience, thank you.”

“This was the most useful training class I have taken in my 20+ years in financial positions. The structure of 2 days a week is great - it gives time to practice what I learned between classes.”

“Kept the material as simple as possible, used good examples from real life, encouraged questions & discussion.”

“Program is well-formatted. Instructor’s facilitation style is a strong point. Very informative & practical. Can’t wait to use it soon.”

“I appreciated the real life, on-the-job examples throughout the course. I also liked the use of the same examples (scenarios) when explaining multiple tools which felt like the materials built on each other. Additionally, I valued the emphasis on the interpretation of findings & next steps on the job.”

“Program was comprehensive and logically organized. I could not ask for a better instructor. Knowledge, personality and dedication are second to none.”

“Strong connection between theory & real world. Instructor is extremely well grounded in the statistics and the application, and relates well to the class.”

“Good work environment examples. Great relationships to differing industries. Instructor showed great knowledge of particular examples toward all industries.”