

Lean Six Sigma Applied Black Belt

Learn to Lead Process Improvement as a Lean Six Sigma Black Belt

Who Should Attend:

Professionals, managers, Six Sigma professionals, process improvement leaders, project managers, supply chain leaders, quality engineers and supervisors should attend this Workshop.

Anyone seeking to expand their job possibilities, job training, and professional development, or anyone seeking to improve their processes. Dislocated Workers facing career changes, WIA, NEG, TAA and Veteran Funded students supported.

Why BPG?

Our seasoned instructors have years of real world experience in delivering successful results to all types of organizations including both public and private companies across a wide variety of industries and government agencies.

We make it our highest priority to meet the needs of each individual student within our programs.



*Public classes and in-house training available.
Call for a free consultation with one of our
consultant/instructors or for the most recent
public class schedule—513-335-9864.*

Course Description:

The Lean Six Sigma Applied Black Belt **BLENDED** learning course covers the knowledge needed to lead a Lean Six Sigma Black Belt process improvement project team or work with a Champion Team in identifying opportunities for improvement within an organization. The Applied course includes pre-work and in-class and post-class learning of the Six Sigma Body of Knowledge.

Attendees will learn:

Instructors take students through a Lean Six Sigma process improvement project utilizing the DMAIC roadmap, concepts and tools needed to lead successful black belt projects.

Topics include:

- * The Six Sigma Business Management methodology and the role of a Black Belt project leader
- * Working within an organizational structure to help guide Six Sigma Champions in improvement opportunity identification and project selection
- * Leading the Six Sigma process improvement team through the DMAIC methodology, tools, and concepts
- * Planning and leading a Six Sigma pilot implementation and how to sustain the improvements over time
- * The basic LEAN (Learn, Examine, Amend, Note) principles
- * Team dynamics and situational leadership
- * Project management principles
- * Advanced Return on Investment analysis methods
- * Statistical Analysis Tools

Included in this class:

- * Project Pre-work Package
- * In Class Project Application, Out of Class Project Homework
- * Certification Exam on last day of class
- * All class training materials, including the Indiana Quality Council CSSBB Primer which is widely considered as the best body of knowledge about Six Sigma that includes Project Management.
- * Mentoring sessions within 6 months of the last day of class

Students must identify a real-world project which they will work on during the course to apply the concepts of Six Sigma.