Lean Six Sigma Black Belt training focuses on developing expert-level problem solving skills, giving participants the tools they need to provide leadership for complex, high visibility projects across multiple organizational functions and departments.

Each participant will work on a project that provides practice and consultation on key Lean Six Sigma concepts and methodology.

Green Belt Certification is a pre-requisite for this program.

**PROGRAM OUTCOMES**

The program consists of seven, one-day sessions over the course of two months. Upon completion of this workshop, participants will be able to:

- Support Lean Six Sigma (LSS) Deployment
- Plan and execute DMAIC projects and Kaizen events
- Effectively manage team dynamics and understand how to work with multiple levels of leadership to remove barriers and achieve project success
- Apply Six Sigma methodology and tools
- Apply statistical analyses to determine the relationship between key inputs and process outputs and compare data sets
- Use state of the art statistical software (Minitab 17) to manage and analyze data and present it in a form that supports driving decisions and actions for improvement
- Develop Control Plans and SOPs that support sustainable continuous improvement

**Susan Knapp, Ph.D.**  
Susan Knapp has taught at the bachelor’s, master’s and doctoral level. She has over 25 years of training and consulting experience and has conducted training for numerous private and public sector organizations. Susan has a Ph.D. in Industrial and Organizational Psychology and has been certified as Lean Six Sigma Black Belt, Senior Professional Human Professional Certification and Certified Leadership Coach

**Wolfgang Bauchinger, CPIM**  
Wolfgang Bauchinger is a Lean Six Sigma certified Black Belt. He holds a Magister (masters) degree in Business and Computing from the University of Linz/Austria. Wolfgang’s professional focus is project management and process improvement using Lean Six Sigma tools and the DMAIC process. Wolfgang has led Lean Six Sigma projects at multiple locations throughout the United States for a global manufacturing company. Before relocating to the United States in 2006 Wolfgang worked in IT consulting with clients in Europe and throughout North America.

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