



Strategic Improvement Black Belt

A public course starting January 9, 2018 instructed by

Charles A. Liedtke, Ph.D.

Strategic Improvement Systems, LLC

Strategy / Quality / Analytics / Improvement / Innovation

www.strategicimprovementsystems.com

Course Description

Organizations need employees who can help senior executives identify and prioritize strategic issues and then launch and execute projects to accomplish strategic objectives. Also, the field of Strategic Improvement continues to evolve with the integration of Lean and Six Sigma, the growing importance of Innovation, and the emergence of Analytics and Big Data. A *Strategic Improvement Black Belt* possesses knowledge and skills in these and other areas. One of the *best practice* project approaches is *Lean Six Sigma*. This approach combines the "waste out" Lean techniques with the structured Six Sigma problem-solving method and tools to provide leaders with a way to improve efficiency and effectiveness. This ten day *Strategic Improvement Black Belt* course prepares participants for this role through nine days of application-oriented training, practical assignments, project work, a final presentation, and a rigorous final exam. Participants will take their *Strategic Improvement* expertise to the *next level* by completing this course and prepare themselves for the *Strategic Improvement Master Black Belt* level of mastery.

Strategic Improvement Black Belt Course Details

Location:	Crowne Plaza Minneapolis West in Plymouth, MN
Length:	9 Classroom Days (3-3-3) + 1 Final Exam & Presentation Day
Dates:	January 9-11, February 13-15, March 20-22, & April 30
Pre-Requisites:	<i>Lean Six Sigma / Continuous Improvement Green Belt</i> (or equivalent)
Projects:	Every person will complete a project. The Project Charter must be approved by January 3, 2018.
Required Software:	Excel and Minitab (not included, Minitab usage options available)
Price:	\$4,800 Per Person

Course Content: *Review of Basic Lean Six Sigma & Continuous Improvement; Introduction to Japanese-Style Hoshin Kanri; Types of Projects & Strategic Project Selection; Intermediate Level Statistical Methods; Advanced Tools for DMAIC; Advanced Lean Techniques; Case Study Method; Introduction to Analytics & Big Data; Leading Innovation Projects*

Certification Requirements

- Attend nine days of training + the final event day (make-ups possible for missed days)
- Successfully complete a project by April 30, 2018
- Make a final presentation
- Score at least an 80% on the final exam



Strategic Improvement Systems



Course Instructor

Charles A. Liedtke, Ph.D. is the President of Strategic Improvement Systems, LLC, a management consulting company designed to assist leaders in improving the performance of their organization from a strategic perspective. Charles conducts **research, consults**, and provides **customized training** on *Strategy, Quality, Analytics, Improvement, and Innovation*. He has worked with organizations worldwide on strategic improvement initiatives including Fortune 500 companies, privately-held companies, non-profit organizations, and government entities. He was the lead instructor for the Green Belt and Leadership Black Belt (LBB) courses sponsored by the Joseph M. Juran Center for Leadership in Quality at the Carlson School of Management. Charles has served as an editor for the Japanese Society for Quality Control Standards on *Guidelines for Daily Management* and *Guidelines for Policy Management*. His most recent research projects were on *Quality, Analytics, and Big Data* and *Big Data in Hoshin Kanri*.

Charles earned a **Ph.D. in Business – Operations and Information Management** from the University of Wisconsin-Madison specializing in strategy; strategic improvement; and quantitative analysis. His Ph.D. dissertation is titled, "Horizontal Interaction During Strategic Improvement Initiatives: A Study Involving Six Quality-Oriented Organizations." Charles has conducted research on Six Sigma, Lean, Process Management, Knowledge Management, Visioning, Hoshin Kanri, Long-Term Planning, Preserving Quality Superiority, Product and Service Design, Discovery, Process Improvement, Analytics, and Big Data. Charles also earned an M.B.A. and a Ph.D. minor in statistics from UW-Madison; an M.S. degree in statistics from Iowa State University; and a B.S. degree in economics from South Dakota State University.

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Starting January 9, 2018

Registration & Payment Information

To register . . .

Send an email message with the registration information below to charles@sisliedtke.com

- Name
- Organization, Title / Position
- Email Address
- Payment Preference

To pay . . .

Price: \$4,800 **Payment in Full** in the Amount of **\$4,800** is Due By **January 2, 2018**

Payment in full must be received by **January 2, 2018**. There are three ways that you can pay for the course:

1) Mail a check to Charles at the address below with the registration information (above).

Charles A. Liedtke, Ph.D.
Strategic Improvement Systems, LLC
6231 Hummingbird Road
Excelsior, MN 55331

2) Submit a purchase order with the registration information and you will be sent an invoice.

3) Submit the registration information and indicate that you would like to pay by credit card. Charles will send you an invoice through PayPal.

A person's registration is transferable to another person at any time until the course begins. There will be an 80% refund (\$3,840) for a cancellation until January 2, 2018. There are no cancellation refunds after January 2, 2018.

Price of **\$4,800** per participant includes:

- 9 training days + the final event day
- Set of learning materials (books and binder)
- Coaching and project consulting from Charles Liedtke
- Breakfast, lunch buffet, and refreshments during the course
- *Strategic Improvement Black Belt* certificate

Questions

You can phone Charles at 952-380-0778 or email him at charles@sisliedtke.com.

Privacy Notice: Registration information will only be used for internal administrative purposes by Strategic Improvement Systems, LLC and will not be shared with any third party.