



# *Strategic Improvement Master Black Belt*

A public hybrid course starting May 19, 2025

Instructed by *Charles A. Liedtke, Ph.D.*

*Strategic Improvement Systems, LLC (SIS)*

[www.strategicimprovementsystems.com](http://www.strategicimprovementsystems.com)

## **Course Description**

Strategic Improvement (SI) professionals are now expected to do more than lead projects, train co-workers, analyze data, and oversee Green Belt and Black Belt activities. In many organizations they develop a strategic improvement deployment plan, conduct advanced statistical analyses, lead the strategic planning process, lead big data analytics initiatives, apply AI, and develop innovation systems. This course helps SI professionals increase their level of mastery and ***move beyond*** the basic SI concepts, methods, techniques, and tools. Through applied and practical content each course participant will master advanced SI topics so they will be more valuable in their change agent role and assist their senior executives in making meaningful contributions to society.

**Topics:** *Organizational Performance Measurement, Strategic Planning, Hoshin Kanri, Strategy Tools, Organizational Culture, Organizational Change, Project Portfolio Management, Lean Six Sigma, Statistical Methods, Big Data Analytics, Artificial Intelligence, & Innovation.*

**Pre-Requisite:** *Strategic Improvement Black Belt* or Equivalent

**Instructor:** Charles A. Liedtke, Ph.D., Strategic Improvement Systems, LLC

**Length:** 13 Days Total = 12 Training Days (3-3-3-3) + 1 Final Exam & Presentation Day

**Location:** Twin Cities Venue & Zoom

**Days/Class Times:** Days 1, 4, 7, & 10 at a Twin Cities Venue (8:00 to 2:00)

**Days/Class Times:** Days 2, 3, 5, 6, 8, 9, 11, 12 on the Zoom Platform (8:00 to 12:00)

**Final Event Day:** Twin Cities Venue from 8:00 a.m. to 1:00 p.m.

**Price:** \$6,500 by May 12, 2025 **or** **Early Bird Discount Price:** \$6,200 by March 31, 2025

**Project & Assignments:** Complete a *project* and four *assignments*

**Training Dates:** **Session One:** May 19-21, 2025

**Session Two:** June 16-18, 2025

**Session Three:** July 23-25, 2025

**Session Four:** August 27-29, 2025

**Final Exam & Presentation:** September 25, 2025

# *Strategic Improvement Master Black Belt*

## Master Black Belt - Course Outline

### **Session One**

May 19	In-Person	Course Overview, Review, & Performance Measurement
May 20	Zoom	Strategic Planning & Hoshin Kanri
May 21	Zoom	Strategy Tools: Part I
Interim		Assignment #1 & Project Consulting Meeting

### **Session Two**

June 16	In-Person	Exam, Project Presentations, & Big Data Analytics
June 17	Zoom	Artificial Intelligence: Part I
June 18	Zoom	Statistical Methods
Interim		Assignment #2 & Project Consulting Meeting

### **Session Three**

July 23	In-Person	Exam, Project Presentations, Organizational Culture
July 24	Zoom	Project Portfolio Management
July 25	Zoom	Organizational Change
Interim		Assignment #3 & Project Consulting Meeting

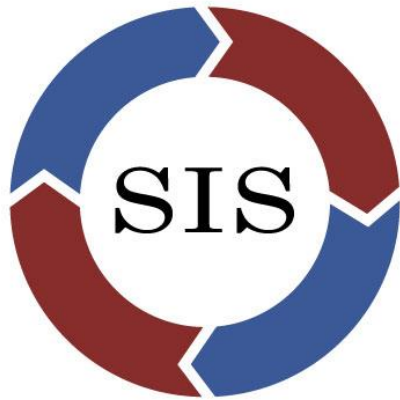
### **Session Four**

August 27	In-Person	Exam, Project Presentations, & Innovation
August 28	Zoom	Lean Six Sigma
August 29	Zoom	Artificial Intelligence Part II & Strategy Tools: Part II
Interim		Assignment #4 & Project Consulting Meeting

### **Final Event Day**

September 25	In-Person	Final Exam & Final Presentations
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October 31 - Final Presentation Revisions Due



**Strategic Improvement Systems**



### **Course Instructor**

**Charles A. Liedtke, Ph.D.** is the Founder and Owner 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, Culture, 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, hospitals, clinics, and government entities. His most recent research reports were on *Quality, Analytics, & Big Data; Big Data in Hoshin Kanri; Information-Based Customer Value Creation; Advances in Strategic Planning; Shaping Organizational Culture; Visions & Visioning; Advances in Horizontal Interaction*, and *Artificial Intelligence for Strategic Improvement*. Charles served as an editor for the Japanese Society for Quality Control on the English version technical standards on *Guidelines for Daily Management* and *Guidelines for Policy Management*. Those two works made the *best practice* technical standards from Japan accessible to all English speakers.

Charles earned a Ph.D. in Business – Operations and Information Management from the University of Wisconsin-Madison specializing in strategy; strategic improvement; operations and information management, and quantitative analysis. Charles also earned a Ph.D. Minor in Statistics and an MBA from the University of Wisconsin-Madison; an M.S. Degree in Statistics from Iowa State University; and a B.S. Degree in Economics from South Dakota State University.

# Strategic Improvement Master Black Belt

## Starts May 19, 2025

### Registration & Payment Information

#### To register . . .

Send an email message with the registration information below to [charles@sisliedtke.com](mailto:charles@sisliedtke.com)

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

#### To pay . . .

**Price: \$6,500**      **Payment-in-Full** in the Amount of **\$6,500** is Due By **May 12, 2025**  
**\$6,200**      If **Payment-in-Full** is Made Before **March 31, 2025** (*Early Bird Price*)

*Payment-in-full* must be received by **May 12, 2025** to attend the course. 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  
4310 Trillium Lane West  
Minnetrista, MN 55364
- 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. You will then be sent an invoice through PayPal.

A person's registration is transferable to another person at any time until the course begins. There will be a 90% refund (**\$5,850** or **\$5,580** for an Early Bird Registration) for a cancellation until May 12, 2025. There are no cancellation refunds after May 12, 2025, but a 90% credit for future SIS events will be issued. There are no refunds for someone who attends part of the course.

Price of **\$6,500** (or **\$6,200 for Early Bird Discount Payment**) per participant includes:

- 12 training days (4 days in-person) + the Final Event Day (in-person)
- Set of learning materials (book and binder)
- Coaching and project consulting from Dr. Charles A. Liedtke
- Data analysis support from Dr. Charles A. Liedtke
- Food and beverages during the in-person days.
- *Strategic Improvement Master Black Belt* certificate when requirements are met

**Questions:** You can email Charles at [charles@sisliedtke.com](mailto: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.